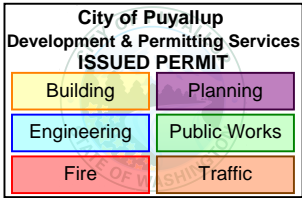


# Luminaire Cut Sheets Puyallup Library Teen Zone

Permit Set  
January 26, 2024





BIRDCAGE

# HEMII (LX-HI)

TYPE:

## KEY FEATURES

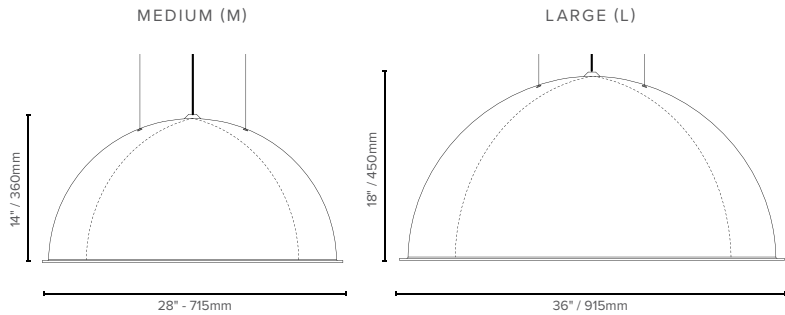
- Internal and external noise-absorbing materials for enhanced acoustics
- A high-performance dimmable circular edge-lit LED panel
- Two sizes and 50 exterior wool colors
- Interior color always in Light Grey
- A minimalistic design that blends seamlessly into existing design features
- Thermo-formed felt shell manufactured from recycled plastics
- Hand-upholstered exterior from rapidly renewable and biodegradable wool
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available
- L70 lifetime rating of 50,000 hours

## OPTIONAL EXTRAS

- Additional options available upon request:
- POE
  - Bluetooth controller (US & EU only)
  - Tunable White output
  - White canopy and power cord

## SIZE AND OUTPUT

|              | MEDIUM             | LARGE     |
|--------------|--------------------|-----------|
| Lumen Output | 3476 lm            | 5133 lm   |
| Wattage      | 41.9 W             | 58.9 W    |
| Efficacy     | 82.9 lm/W          | 87.2 lm/W |
| CRI          | 90+                |           |
| CCT          | 3000, 3500, 4000 K |           |
| UGR          | <19                |           |



## ORDER CODE

EXAMPLE FOR STANDARD LED PANEL: LX - HI - L - 2W - 40 - UNV - RD

(Luxxbox Hemii, Large - dia 36" x 18" / dia 915 x 450 mm, Wool option 2W, 4000K, Universal 120-277V / 0-10V 1% dimming, Remote driver)

EXAMPLE FOR E26/27 LAMP HOLDER: LX - HI - M - SG - E26

(Luxxbox Hemii, Medium - dia 28" x 14" / dia 715 x 360 mm, Wool option 2W, E26 lamp holder (120V AC))

| LX - HI | SIZE                                     | *SHADE COLOR             | COLOR TEMP |  | DRIVER / DIMMING |   | DRIVER TYPE |   |
|---------|--|--------------------------|------------|--|------------------|---|-------------|---|
| HI      | M<br>Medium<br>28" x 14" / 715mm x 360mm | Use color codes as shown | 30         | 3000K  | UNV              | 0 - 10V - 1% dimming (120-277V)<br>(North America only) | CD          | Canopy concealed driver<br>(UNV/North America only) |
|         | 35                                       |                          | 3500K      |  |                  |   |             |   |
|         | L<br>Large<br>36" x 18" / 915mm x 450mm  |                          | 40         | 4000K  | G                | 1% dimming DSI/DALI<br>(220 - 240V)**                   | RD          | Remote driver<br>(UNV or G)                         |
|         |  |                          | *E26       | E26 Lamp holder - 120V AC (North America only) |                  |   |             |   |
|         |  |                          | *E27       | E27 Lamp holder - 220-240V AC (Global)         |                  |   |             |   |

\* Please note the light globe or driver will not be supplied with the E26/E27 option for this fixture. | \*\* Global (G) dimming type is only available with Remote driver (RD)

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BIRDCAGE


# HEMII (LX-HI)

TYPE:

## WOOL UPHOLSTERED

|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
|    |    |    |    |    |    |    |    |
| 2S | 2R | 3E | 2T | 21 | 63 | 13 | 18 |
|    |    |    |    |    |    |    |    |
| 39 | 90 | 3D | 2W | 82 | 58 | 2X | 1F |
|    |    |    |    |    |    |    |    |
| 1L | 53 | 1K | 1M | 1N | 2Y | 3A | 3B |
|    |    |    |    |    |    |    |    |
| 2U | 3C | 02 | 2Z | 33 | 1P | 26 | 1Y |
|    |    |    |    |    |    |    |    |
| 09 | 62 | 1W | 1V | 1R | 1T | 31 | 47 |
|    |    |    |    |    |    |    |    |
| 86 | 2Q | 28 | 1E | 1J | 12 | 30 | 35 |
|    |    |    |    |    |    |    |    |
| 67 | 08 |    |    |    |    |    |    |

NOTE:  
The standard colour for the interior of the shade is **ALWAYS** Silver Grey(SG).



SG

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BIRDCAGE

# HEMII (LX-HI)

TYPE:

## PHOTOMETRICS

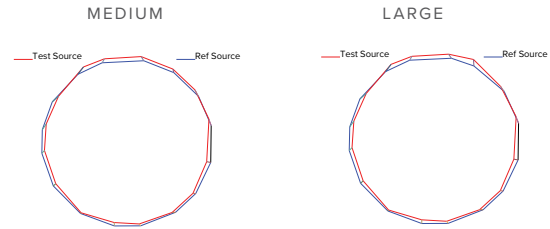
|                                 | MEDIUM                                       | LARGE  |
|---------------------------------|--|--|
| Delivered Lumen Output          | 3476 lm                                      | 5133 lm                                      |
| Wattage                         | 41.9 W                                       | 58.9 W                                       |
| Efficacy                        | 82.9 lm/W                                    | 87.2 lm/W                                    |
| Luminous Intensity Distribution | <p>Output: 3476 lm<br/>Max Power: 41.9 W</p> | <p>Output: 5133 lm<br/>Max Power: 58.9 W</p> |
| CRI                             | 90+  |  |
| CCT                             | 3000, 3500, 4000 K                           |  |
| UGR                             | <19  |  |

## TM-30METRICS

Fidelity Index (Rf): Average similarity to the reference source for all colors  
Gamut Index (Rg): Average change in chroma for all colors

|                     | MEDIUM | LARGE |
|---------------------|--------|-------|
| Rf (Fidelity Index) | 90.135 | 90.7  |
| Rg (Gamut Index)    | 97.711 | 98.8  |

## COLOR VECTOR GRAPHIC



## DRIVER SPECS

| REGION/DIMMING  | SIZE   | WATTAGE (W) | MAX VOLTAGE (V) | COMPLIANCE |
|---|--------|-------------|-----------------|------------|
| UNIVERSAL (UNV)<br>0-10V - 1% dimming<br>110 - 277VAC<br>(North America only) | MEDIUM | 48W         | 30-42V          |            |
|   | LARGE  |             |                 |            |
| GLOBAL (G)<br>0-10V - 1% dimming<br>220 - 240VAC<br>DSI DALI                  | MEDIUM | 48W         | 18-54V          |            |
|   | LARGE  |             |                 |            |

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BIRDCAGE

# HEMII (LX-HI)

TYPE:

## PRODUCT ACOUSTIC PROPERTIES

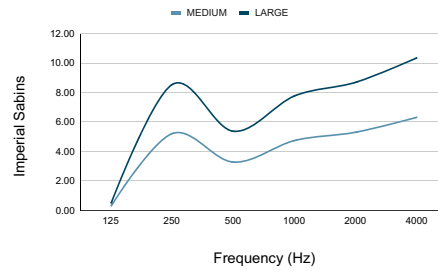
Testing and post analysis procedures were carried out in accordance with the references detailed below:

|                         |  |
|-------------------------|--|
| AS ISO 354-2006 (R2016) | Acoustics—Measurement of sound absorption in a reverberation room  |
| AS ISO 11654—2002       | Rating of sound absorption—Materials and systems   |
| ASTM C423-17            | Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method   |
| ASTM E795-16            | Standard Practices for Mounting Test Specimens During Sound Absorption Tests   |
| ISO 20189               | Screens, furniture and single objects intended for interior use – Rating of sound absorption and sound reduction of elements based on laboratory measurements. |

Below you'll find the data for both sizes of this product in Imperial and Metric units. Please note we this data has been extrapolated from the results obtained in the testing of the Medium Helm pendant as we are using the same combination of materials in both products.

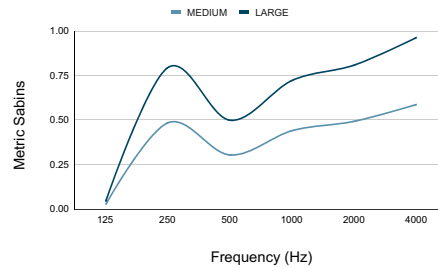
### IMPERIAL SABINS

| Frequency (Hz) | Sound Absorption Coefficient | MEDIUM (M) | LARGE (L) |
|----------------|------------------------------|------------|-----------|
| 125            | 0.03                         | 0.28       | 0.46      |
| 250            | 0.64                         | 5.22       | 8.55      |
| 500            | 0.40                         | 3.28       | 5.37      |
| 1000           | 0.58                         | 4.75       | 7.78      |
| 2000           | 0.65                         | 5.31       | 8.71      |
| 4000           | 0.78                         | 6.33       | 10.38     |



### METRIC SABINS

| Frequency (Hz) | Sound Absorption Coefficient | MEDIUM (M) | LARGE (L) |
|----------------|------------------------------|------------|-----------|
| 125            | 0.03                         | 0.03       | 0.04      |
| 250            | 0.64                         | 0.48       | 0.79      |
| 500            | 0.40                         | 0.30       | 0.50      |
| 1000           | 0.58                         | 0.44       | 0.72      |
| 2000           | 0.65                         | 0.49       | 0.81      |
| 4000           | 0.78                         | 0.59       | 0.96      |



The Sabin data shown above is in accordance with the latest International Standards for the rating of sound absorption and reduction. This is different from the classic methodology, which includes the calculation of the Noise Reduction Coefficient (NRC), the Sound Absorption Average (SAA), the Weighted Sound Absorption Coefficient ( $\alpha_w$ ) and the Sound Absorption Class (SAC). However, to make it easier to compare against other products, we are including that information on the table on the right, which was calculated using the Largest Single Face method. Fully detailed test reports are available upon request.

|            |      |
|------------|------|
| NRC        | 0.6  |
| SAA        | 0.58 |
| $\alpha_w$ | 0.60 |
| SAC        | C    |

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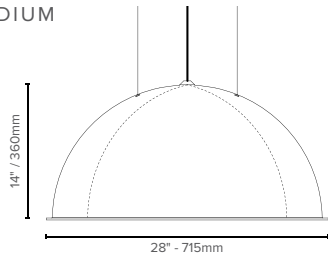


# BIRDCAGE HEMII (LX-HI)

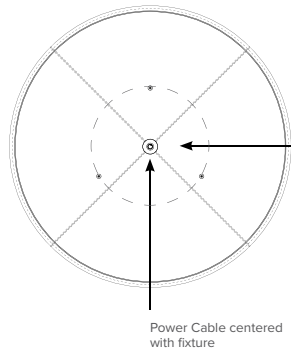
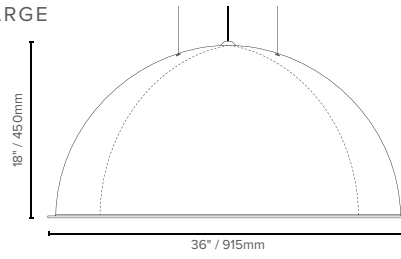
TYPE:

## PRODUCT DIMENSIONS

MEDIUM

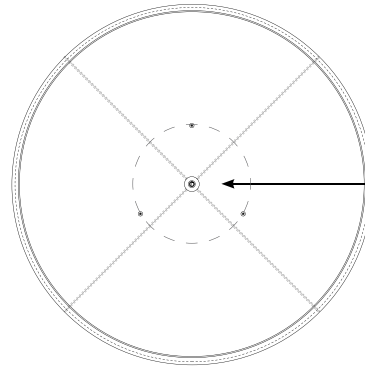


LARGE



PCD = 12.5" / 317.5mm  
3 points equally spaced  
at 120°

Power Cable centered  
with fixture

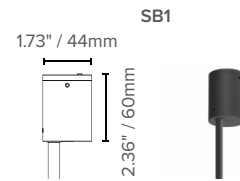
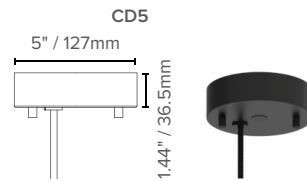
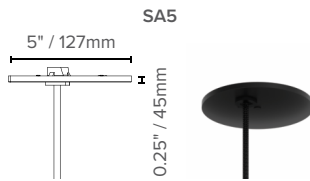


PCD = 12.5" / 317.5mm  
3 points equally spaced  
at 120°

## CANOPY INFORMATION

Please note power cord and canopy will always be supplied in black unless specified otherwise.

| PRODUCT | SIZE      | OUTPUT | UNIVERSAL (UNV) |     |     | GLOBAL (G) |     |
|---------|-----------|--------|-----------------|-----|-----|------------|-----|
|         |           |        | RD              | CD  | E26 | RD         | E27 |
| LX-HI   | ALL SIZES | D      | SA5             | CD5 | SA5 | SB1        | SB1 |



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|             |  |           |  |      |  |
|-------------|--|-----------|--|------|--|
| Project     |  | Catalog # |  | Type |  |
| Prepared by |  | Notes     |  | Date |  |



## Portfolio

### LSR2B/LSSQ2B Cylinders

LSR2B/LSSQ2B/LSRYM2B/LSSQYM2B  
LED 2" Round and Square Cylinder

#### Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Residential

### Interactive Menu

- Order Information [page 2](#)
- Product Specifications [page 4](#)
- Energy Data [page 4](#)
- Photometric Data [page 5](#)
- Connected Systems [page 8](#)
- Product Warranty

### Product Certification



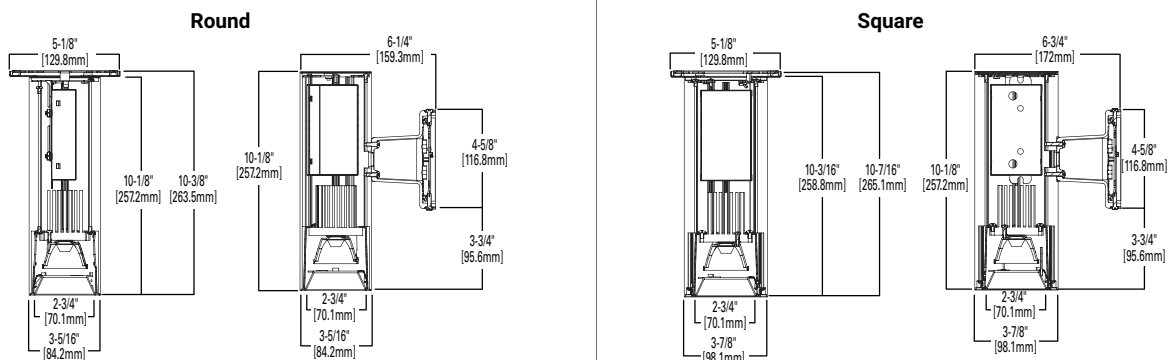
### Product Features



### Top Product Features

- 500 to 2000 lumens; Offered in 80, 90 and 97 CRI; Downlight
- Round or square surface-mount cylinders; Ceiling, wall, stem, up/down, yoke mount adjustable, LuxWire power over cable
- Extruded aluminum housing; Matte Black, White, Bronze and Silver paint finishes
- 6 color temperatures: 2400K, 2700K, 3000K, 3500K, 4000K and 5000K CCT; D2W™ option from 3000K to 1850K
- W2N Tunable White 2700K-6500K or 2000K-5000K (remote only)

### Dimensional and Mounting Details



### LUMINAIRE CUT SHEET

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DPI

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## Order Information

SAMPLE ORDER NUMBER: LSR2B10D010P

| Cylinder  | Lumens  | Distribution   | CRI   | Color   |   |                                       |
|---|---|--|---|---|---|---------------------------------------|
| <b>LSR2B</b> -2-inch round surface ceiling mount <sup>(14)</sup><br><b>LSRW2B</b> - 2-inch round wall mount<br><b>LSRU2B</b> - 2-inch round wall mount up/down <sup>(1)</sup><br><b>LSSQ2B</b> - 2-inch square surface ceiling mount <sup>(14)</sup><br><b>LSSQW2B</b> - 2-inch square wall mount<br><b>LSSQU2B</b> - 2-inch square wall mount up/down <sup>(1)</sup><br><b>LSSQPC2B</b> = 2-inch square surface ceiling mount LuxWire aircraft cable with power 120 <sup>(14)(16)</sup><br><b>LSRPC2B</b> = 2-inch round surface ceiling mount LuxWire aircraft cable with power 120 <sup>(14)(16)</sup><br><b>LSRYM2B</b> = 2-inch round yoke mount <sup>(17)</sup><br><b>LSSQYM2B</b> = 2-inch square yoke mount <sup>(17)</sup><br><b>LSSQSM2B</b> = 2-inch square surface ceiling mount with surface mount conduit canopy <sup>(13)(16)</sup><br><b>LSRSM2B</b> = 2-inch round surface ceiling mount with surface mount conduit canopy <sup>(13)(16)</sup> | <b>05</b> =500 lumens <sup>(21)</sup><br><b>10</b> =1000 lumens<br><b>15</b> =1500 lumens<br><b>20</b> =2000 lumens | <b>SP15</b> =15°<br><b>NFL25</b> =25°<br><b>FL40</b> =40°<br><b>WFL55</b> =55° | <b>80</b> =80 CRI minimum<br><b>90</b> =90 CRI minimum<br><b>97</b> =97 CRI minimum | <b>80 CRI</b><br>27=2700K<br>30=3000K<br>35=3500K<br>40=4000K<br>50=5000K | <b>90 CRI</b><br>24=2400K<br>27=2700K<br>30=3000K<br>35=3500K<br>40=4000K<br>50=5000K | <b>97 CRI</b><br>27=2700K<br>30=3000K |
| <b>Notes</b><br>(1) Requires 2 reflectors.<br>(12) not for use with remote drivers<br>(14) Canopy mount driver available omit R in driver ordering information not offered with DMX<br>(16) Requires canopy kit, see below for ordering information<br>(17) Ceiling mount only  |   |  |   | <b>Notes</b><br>(21) Limited to D010 drivers                              |   |                                       |
| <b>Notes</b><br>(1) Requires 2 reflectors.<br>(12) not for use with remote drivers<br>(14) Canopy mount driver available omit R in driver ordering information not offered with DMX<br>(16) Requires canopy kit, see below for ordering information<br>(17) Ceiling mount only  |   |  |   | <b>Notes</b><br>(21) Limited to D010 drivers                              |   |                                       |

| Voltage   | Driver  | Remote  | Finish  |
|---|---|---|---|
| <b>blank</b> =120-277V<br><b>3</b> =347V <sup>(2)</sup> | <b>D010</b> =120-277V 0-10V 1% dimming<br><b>D010TR</b> =0-10V (120-277V) or line voltage (120V) dimming, 5-100%<br><br><b>Remote Only</b><br><b>DE010</b> =120-277V 0-10V 0% linear dimming <sup>(3)</sup><br><b>DSL</b> =Fifth Light DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V <sup>(3)</sup><br><b>DMX</b> =DMX/RDM logarithmic Dimming <sup>(3)</sup><br><b>DMXCS</b> =DMX/RDM logarithmic Dimming with RJ45 connection <sup>(3)</sup><br><b>DLE</b> =Lutron Ecosystem dimming 1% to 100%, 120-277V <sup>(3)</sup><br><b>DLV</b> =Low Voltage System <sup>(3)</sup> | <b>blank</b> =Integral driver<br><b>R</b> =Remote driver <sup>(4)</sup> | <b>P</b> =White<br><b>MB</b> =Matte Black<br><b>SL</b> =Silver<br><b>BZ</b> =Bronze |
| <b>Notes</b><br>(2) D010 only for integral driver.      | <b>Notes</b><br>(3) For remote use only.  | <b>Notes</b><br>(4) Order remote driver separately. See below to order. | <b>Notes</b><br>(5) Consult factory for custom finishes.                            |

SAMPLE ORDER NUMBER: 2LBSW3LI

| Trim                | Reflector  | Flange            | Finish  |
|---------------------|--|-------------------|---|
| <b>2LB</b> =2" trim | <b>D</b> =Spun aluminum<br><b>DL</b> =Lensed spun aluminum<br><b>DC</b> =Die cast aluminum <sup>(9)</sup><br><b>DLC</b> =Lensed die cast aluminum <sup>(9)</sup> | <b>3</b> =Rimless | <b>LI</b> =Specular Clear <sup>(10)</sup><br><b>H</b> =Semi-Specular Clear <sup>(10)</sup><br><b>WMH</b> =Warm Haze <sup>(10)</sup><br><b>WH</b> =Wheat <sup>(10)</sup><br><b>WHH</b> =Wheat Haze <sup>(10)</sup><br><b>GPH</b> =Graphite Haze <sup>(10)</sup><br><b>B</b> =Specular Black <sup>(10)</sup><br><b>MW</b> =Matte White<br><b>MB</b> =Matte Black <sup>(11)</sup><br><b>MMS</b> =Matte Metallic Silver <sup>(11)</sup> |
|                     | <b>Notes</b><br>(9) Only available with Matte White, Matte metallic silver and Matte Black Finishes.   | <b>Notes</b>      | <b>Notes</b><br>(10) Not available on Pinhole or DC distributions.<br>(11) Available only on DC.  |

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## Order Information

**REQUIRED** if Remote Driver (R) is specified on Cylinder

| Remote Drivers   | Lumens  | Voltage                                  | Driver  | Options  | Controls  |
|--|---|--|---|--|---|
| <b>R100</b> =Remote 100 ft<br><b>R75</b> = Remote 75 ft<br><b>R50</b> = Remote 50 ft<br><b>R25</b> = Remote 25 ft<br><b>R15</b> = Remote 15 ft<br><b>R5</b> = Remote 5 ft<br><b>R2</b> = Remote 2 ft | <b>05</b> =500 lumens <sup>(21)</sup><br><b>10</b> =1000 lumens<br><b>15</b> =1500 lumens<br><b>20</b> =2000 lumens | <b>blank</b> =120-277V<br><b>3</b> =347V | <b>D010</b> =120-277V 0-10V 1% dimming<br><b>D010TR</b> =0-10V (120-277V) or line voltage (120V) dimming, 5-100%<br><b>DE010</b> =120-277V 0-10V 0% linear dimming<br><b>DSL1</b> =Fifth Light DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V<br><b>DMX</b> =DMX/RDM Logarithmic Dimming <sup>(6)</sup><br><b>DMXS</b> =DMX/RDM Logarithmic Dimming with RJ45 connection <sup>(6)</sup><br><b>DL3</b> =1 to 100% dimming, 120-277V Lutron Hi-Lume, Ecosystem or 3 wire<br><b>DLE</b> =Lutron Ecosystem dimming 1% to 100%, 120-277V <sup>(7)</sup><br><b>DLV</b> =Low Voltage System<br><br><b>Tunable White 1000 lumens<sup>(19)</sup></b><br><b>DE010W2N2765</b> = 0-10V dimming, 0% to 100%, 120-277V, 2700K-6500K<br><b>DE010W2N2050</b> = 0-10V dimming, 0% to 100%, 120-277V, 2000K-5000K<br><b>DSL1W2N2765</b> = Fifth Light DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V, 2700K-6500K<br><b>DSL1W2N2050</b> =Fifth Light DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V, 2000K-5000K | <b>EM7</b> =7W Emergency Module with Remote Test Switch<br><b>EM14</b> =14W Emergency Module with Remote Test Switch<br><b>EMBOD</b> =Bodine® Emergency Module with Remote Test Switch<br><b>EMV7</b> =7W Emergency Module for use with DLV driver with Remote Test Switch<br><b>EMV14</b> =14W Emergency Module for use with DLV driver with Remote Test Switch | <b>WTA</b> = Factory installed WaveLinX sensor Kit <sup>(6)</sup> <sup>(19)</sup><br><b>WTK</b> = Factory installed WaveLinX Lite Sensor Kit <sup>(6)</sup> <sup>(20)</sup>   |
| <b>Notes</b>   | <b>Notes</b>  | <b>Notes</b>                             | <b>Notes</b>  | <b>Notes</b>   | <b>Notes</b>  |
|  | (21) Limited to D010 drivers  |  | (6) DMX fixtures default to full on upon loss of DMX signal<br>(7) Only available up to 25'<br>(15) W2N not compatible with LuxWire.  |  | (8) Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory.<br>(19) WTA = WaveLinX wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.<br>(20) WTK = WaveLinX Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinX Lite system specifications) |

| Accessories   | Type   | Lengths   |
|---|--|---|
| <b>Pendant or Canopy Kit REQUIRED for Surface Ceiling Mount</b><br><br><b>Pendant Kit for round cylinder<sup>(12)</sup></b><br>P236P=White pendant stem kit for round suspended mount cylinder<br>P236BZ=Bronze pendant stem kit for round suspended mount cylinder<br>P236MB=Matte black pendant stem kit for round suspended mount cylinder<br>P236SL=Silver pendant stem kit for round suspended mount cylinder<br>PMRCC2P=White pendant stem kit with conduit knockout cover <sup>(18)</sup><br>PMRCC2BZ=Bronze pendant stem kit with conduit knockout cover <sup>(18)</sup><br>PMRCC2MB=Matte black pendant stem kit with conduit knockout cover <sup>(18)</sup><br>PMRCC2SL=Silver pendant stem kit with conduit knockout cover <sup>(18)</sup><br><br><b>Pendant Kit for square cylinder<sup>(12)</sup></b><br>PSQ236P=White pendant stem kit for square suspended mount cylinder<br>PSQ236BZ=Bronze pendant stem kit for square suspended mount cylinder<br>PSQ236MB=Matte black pendant stem kit for square suspended mount cylinder<br>PSQ236SL=Silver pendant stem kit for square suspended mount cylinder<br>PMSQCC2P=White pendant stem kit with conduit knockout cover <sup>(18)</sup><br>PMSQCC2BZ=Bronze pendant stem kit with conduit knockout cover <sup>(18)</sup><br>PMSQCC2MB=Matte black pendant stem kit with conduit knockout cover <sup>(18)</sup><br>PMSQCC2SL=Silver pendant stem kit with conduit knockout cover <sup>(18)</sup><br><br><b>Surface Ceiling Mount Canopy</b><br>2SQPSMLP= White low profile canopy for square surface mount 2-inch junction box<br>2SQPSMLBZ= Bronze low profile canopy for square surface mount 2-inch junction box<br>2SQPSMLMB= Matte Black low profile canopy for square surface mount 2-inch junction box<br>2SQPSMLSL= Silver low profile canopy for square surface mount 2-inch junction box<br>2RCPSTANP= White low profile canopy for round surface mount 2-inch junction box<br>2RCPSTANBZ= Bronze low profile canopy for round surface mount 2-inch junction box<br>2RCPSTANMB= Matte black low profile canopy for round surface mount 2-inch junction box<br>2RCPSTANSL= Silver low profile canopy for round surface mount 2-inch junction box<br><br><b>Connected Lighting Systems<sup>(6)</sup></b><br>WTA = Field installed WaveLinX sensor Kit <sup>(19)</sup><br>WTK = Field installed WaveLinX Lite Sensor Kit <sup>(20)</sup> | <b>Blank</b> =5 conductor<br><b>RM</b> =For remote drivers | <b>Blank</b> =36"<br><b>SP</b> =x Specify 6" to 144" in 1" increments |
| <b>Notes</b>  | <b>Notes</b>   | <b>Notes</b>  |
| (8) Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory.<br>(12) 0-45° slope.<br>(18) Not for use with remote driver.<br>(19) WTA = WaveLinX wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.<br>(20) WTK = WaveLinX Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinX Lite system specifications)  |  |   |

### LUMINAIRE CUT SHEET

PROJECT **Puyallup Library Teen Zone**  
 DATE **January 26, 2024**  
 PHASE **Permit Set**

## Product Specifications

### Lower Reflector

- Round or square 2-3/4" aperture
- Painted die-cast aluminum or spun aluminum with a lensed upper optical chamber provides superior lumen output with minimal source brightness
- Square surface mount available with round reflectors
- Available in all Portfolio finishes

### Trim retention

- Three pressure springs hold flange tightly to the cylinder lip

### Cylinder

- Round and soft square extruded aluminum
- Matte white, bronze, silver or matte black
- Available in standard and shallow heights
- Yoke mount provides +/-45° lockable tilt

### Mounting

- Mounting plate installs to mounted junction box
- Cylinder mounts to plate with easy twist and lock hooks for ceiling mount
- For wall mount, mounting arm attaches directly to junction box via a robust mounting plate
- Offered with optional stem and aircraft cable
- LuxWire™ provides low voltage power to the cylinder via aircraft cable
- Conduit canopy allows for mounting pendant and surface cylinder on hard ceilings provided in painted finish to match the cylinder accommodates ½" or ¾" conduit.

### Thermal

- Aluminum heat sink conducts heat away from the LED module for optical performance and longer life

### LED System

- Contains a plurality of high brightness white LED's combined with high reflectance upper reflector and convex transitional lens producing even distribution with no pixilation
- Lumen output shall not decrease by more than 10% over the minimum life of 55,000 hours (L90 > 55,000 hours)
- Color variation within 2-step MacAdam ellipses
- Available in 2400K, 2700K, 3000K, 3500K, 4000K and 5000K correlated color temperature (CCT)
- Available in 80, 90 or 97 color rendering index (CRI)

### VividTune™ Color Tuning Solutions

- D2W™ – Dim-to-Warm shifts CCT from 3000K to 1850K as fixture dims, mimicking halogen sources
- W2N – Tunable white CCT range from 2700K to 6500K or 2000K to 5000K; 90 CRI

### Driver

- Standard 120-277V 0-10V dimming driver provides flicker-free dimming from 100% to 1%
- Distributed low voltage power system combines power, lighting, and controls with ease of installation.

### Remote Driver

- Standard 120-277V 0-10V dimming driver provides flicker free dimming from 100% to 1%
- Optional 120V leading edge, <1% 0-10V, Fifth Light, DMX or Lutron® Ecosystem

### Connected Lighting System Options

Two WaveLinx connected systems to choose from. Refer to WaveLinx system specifications and application guides for details.

### WaveLinx Wireless System Tilemount Sensor Kit

- WaveLinx Wireless WTA tile mount sensor kit offers

daylight dimming, PIR motion sensing, scene and zone configuration, automatic commissioning; and optional RLTS - Real Time Location Services available.

### WaveLinx Lite System Tilemount Sensor Kit

- WaveLinx Lite WTK tile mount sensor kit offers daylight dimming and PIR motion sensing, scene and grouping configuration.

### WaveLinx Tilemount Kits Application

- The WTA and WTK tilemount kits include a control module mounted on the luminaire junction box via 1/2" knock-out, and a tilemount sensor on 54-inch whip; for ceiling installation by direct-mount spring clips or via mounting bracket in octagon ceiling boxes.
- The WTA and WTK tilemount kits may be ordered as factory installed on the luminaire, or ordered separately as a field installed accessory kit.

### Compliance

- Pendant mount cULus Listed for damp locations
- Surface mount cULus Listed for protected wet locations
- EMI/RFI emissions per FCC 47CFR Part 18 Class B consumer limits
- RoHS compliant
- Photometric testing completed in accordance with IES LM-79
- LED life testing completed in accordance with IES LM-80 standards

### Warranty

- Five-year warranty

## Energy Data

| ENERGY DATA  |
|--|
| Sound Rating: Class A standards  |
| (Values at non-dimming line voltage)   |
| Minimum Starting Temperature: -30°C (-22°F)  |
| EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)                             |
| Input Voltage: UNV (120V - 277V)   |
| Power Factor: >0.90<br>(at nominal input 120-277 VAC & 100% of Rated Output Power) |
| Input Frequency: 50/60Hz   |


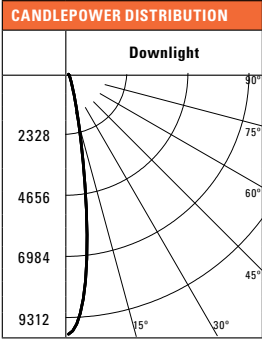
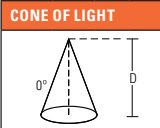

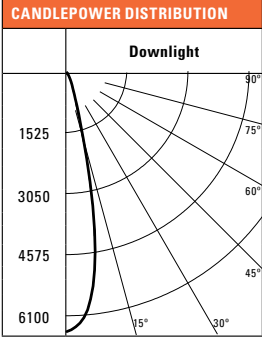
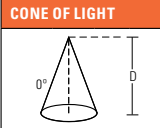
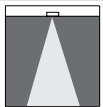
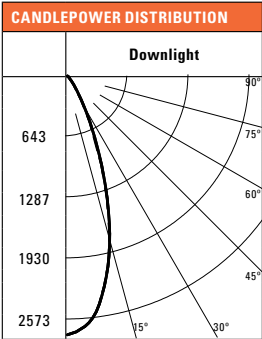
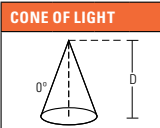

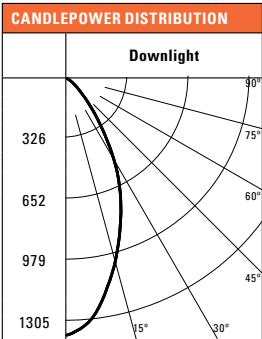
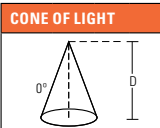
| Lumens          | 120V       |               | 277V       |               |
|-----------------|------------|---------------|------------|---------------|
|                 | Inrush (A) | Duration (ms) | Inrush (A) | Duration (ms) |
| 500 Lumen D010  | 0.64       | 0.05          | 1.4        | 0.04          |
| 1000 Lumen D010 | 1.02       | 0.041         | 2.18       | 0.021         |
| 1500 Lumen D010 | 1.02       | 1.02          | 2.24       | 0.064         |
| 2000 Lumen D010 | 1.02       | 0.077         | 2.43       | 0.027         |

| 500 Lumen D010       |                           | 1000 Lumen D010       |                            |
|----------------------|---------------------------|-----------------------|----------------------------|
| Input Power: 7.38W   | THD <14.4%                | Input Power: 11W      | THD <13.8%                 |
| Input Current: 0.06A | 277V Input Current: 0.03A | Input Current: 0.086A | 277V Input Current: 0.042A |

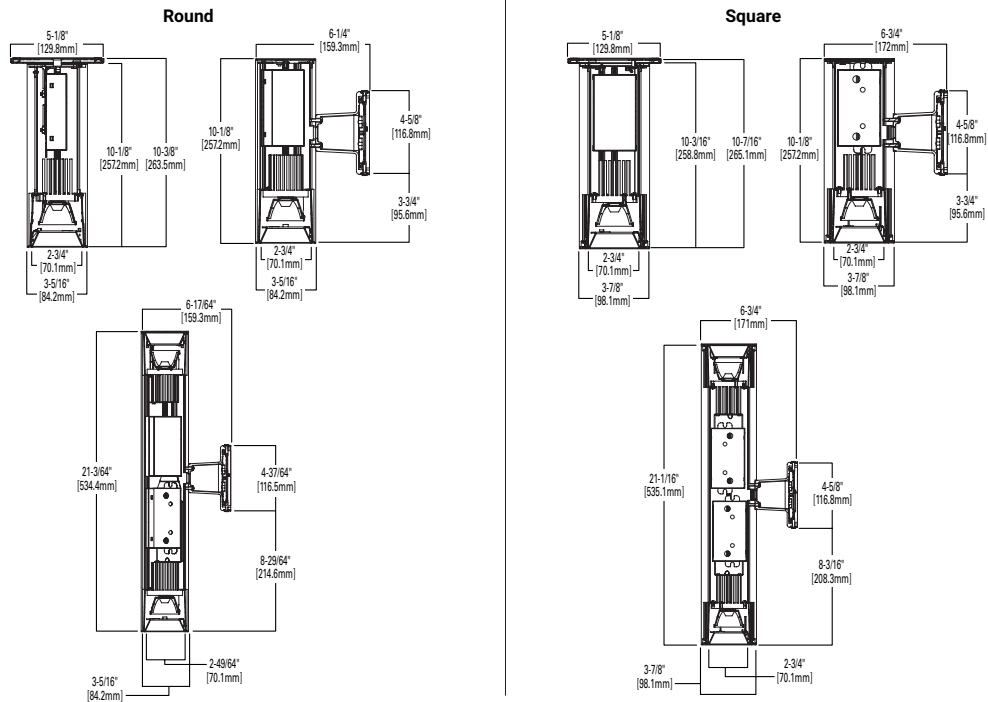
| 1500 Lumen D010      |                           | 2000 Lumen D010      |                            |
|----------------------|---------------------------|----------------------|----------------------------|
| Input Power: 15.05 W | THD <13.0%                | Input Power: 21.2 W  | THD <8.6%                  |
| Input Current: 0.13A | 277V Input Current: 0.06A | Input Current: 0.18A | 277V Input Current: 0.081A |

## Photometric Data

 View IES files

| SPOT (15° BEAM)   | CANDLEPOWER DISTRIBUTION  | CONE OF LIGHT   | CANDELA TABLE | ZONAL LUMEN SUMMARY | LUMINANCE |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
|---|---|---|---------------|---------------------|-----------|---|----|-------|-----|-----|----|-------|-----|-----|----|-----|-----|-----|-----|------|-----|-----|-----|------|------|------|---|------------------|---------|---|------|---|------|----|------|----|-----|----|-----|----|-----|----|----|----|---|----|---|----|---|----|---|---|------|--------|-----------|------|-----|------|------|------|------|------|------|------|------|------|-----|--------|---|---|-------|------|-----|---|-------------------------|----------------------|----|-------|----|-------|----|------|----|---|----|---|
| <b>Test Number</b> P264029<br><b>Housing</b> LSR2B10SP158035<br><b>Trim</b> 2LBD*LI<br><b>Lumens</b> 974<br><b>Efficacy</b> 94.6 Lm/W<br><b>SC</b> 0.28<br>    |    | <br><table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr><td>4'</td><td>582.2</td><td>1</td><td>1</td></tr> <tr><td>7'</td><td>190.1</td><td>1.8</td><td>1.8</td></tr> <tr><td>9'</td><td>115</td><td>2.4</td><td>2.4</td></tr> <tr><td>13'</td><td>55.1</td><td>3.6</td><td>3.6</td></tr> <tr><td>16'</td><td>36.4</td><td>4.4</td><td>4.4</td></tr> </tbody> </table> | D             | FC                  | L         | W | 4' | 582.2 | 1   | 1   | 7' | 190.1 | 1.8 | 1.8 | 9' | 115 | 2.4 | 2.4 | 13' | 55.1 | 3.6 | 3.6 | 16' | 36.4 | 4.4  | 4.4  | <table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>9316</td></tr> <tr><td>5</td><td>7438</td></tr> <tr><td>15</td><td>976</td></tr> <tr><td>25</td><td>141</td></tr> <tr><td>35</td><td>30</td></tr> <tr><td>45</td><td>7</td></tr> <tr><td>55</td><td>2</td></tr> <tr><td>65</td><td>1</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>     | Degrees Vertical | Candela | 0 | 9316 | 5 | 7438 | 15 | 976  | 25 | 141 | 35 | 30  | 45 | 7   | 55 | 2  | 65 | 1 | 75 | 0 | 85 | 0 | 90 | 0 | <table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>945</td><td>97</td></tr> <tr><td>0-40</td><td>965</td><td>99.1</td></tr> <tr><td>0-60</td><td>973</td><td>99.9</td></tr> <tr><td>0-90</td><td>974</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>974</td><td>100</td></tr> </tbody> </table>       | Zone | Lumens | % Fixture | 0-30 | 945 | 97   | 0-40 | 965  | 99.1 | 0-60 | 973  | 99.9 | 0-90 | 974  | 100 | 90-180 | 0 | 0 | 0-180 | 974  | 100 | <table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>45</td><td>4884</td></tr> <tr><td>55</td><td>1720</td></tr> <tr><td>65</td><td>1167</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> </tbody> </table> | Average Candela Degrees | Average 0° Luminance | 45 | 4884  | 55 | 1720  | 65 | 1167 | 75 | 0 | 85 | 0 |
| D   | FC  | L   | W             |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 4'  | 582.2   | 1   | 1             |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 7'  | 190.1   | 1.8   | 1.8           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 9'  | 115   | 2.4   | 2.4           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 13'   | 55.1  | 3.6   | 3.6           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 16'   | 36.4  | 4.4   | 4.4           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Degrees Vertical  | Candela   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0   | 9316  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 5   | 7438  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 15  | 976   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 25  | 141   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 35  | 30  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 45  | 7   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 55  | 2   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 65  | 1   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 75  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 85  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 90  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Zone  | Lumens  | % Fixture   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-30  | 945   | 97  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-40  | 965   | 99.1  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-60  | 973   | 99.9  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-90  | 974   | 100   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 90-180  | 0   | 0   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-180   | 974   | 100   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Average Candela Degrees   | Average 0° Luminance  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 45  | 4884  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 55  | 1720  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 65  | 1167  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 75  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 85  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| <b>Test Number</b> P218711<br><b>Housing</b> LSR2B10NFL258035<br><b>Trim</b> 2LBD*LI<br><b>Lumens</b> 1026<br><b>Efficacy</b> 99.6 Lm/W<br><b>SC</b> 0.39<br>  |    | <br><table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr><td>4'</td><td>382</td><td>1.4</td><td>1.4</td></tr> <tr><td>7'</td><td>125</td><td>2.6</td><td>2.6</td></tr> <tr><td>9'</td><td>75</td><td>3.4</td><td>3.4</td></tr> <tr><td>13'</td><td>36</td><td>5</td><td>5</td></tr> <tr><td>16'</td><td>24</td><td>6</td><td>6</td></tr> </tbody> </table>              | D             | FC                  | L         | W | 4' | 382   | 1.4 | 1.4 | 7' | 125   | 2.6 | 2.6 | 9' | 75  | 3.4 | 3.4 | 13' | 36   | 5   | 5   | 16' | 24   | 6    | 6    | <table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>6104</td></tr> <tr><td>5</td><td>5611</td></tr> <tr><td>15</td><td>1236</td></tr> <tr><td>25</td><td>229</td></tr> <tr><td>35</td><td>51</td></tr> <tr><td>45</td><td>7</td></tr> <tr><td>55</td><td>1</td></tr> <tr><td>65</td><td>0</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>    | Degrees Vertical | Candela | 0 | 6104 | 5 | 5611 | 15 | 1236 | 25 | 229 | 35 | 51  | 45 | 7   | 55 | 1  | 65 | 0 | 75 | 0 | 85 | 0 | 90 | 0 | <table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>987</td><td>96.2</td></tr> <tr><td>0-40</td><td>1019</td><td>99.3</td></tr> <tr><td>0-60</td><td>1026</td><td>100</td></tr> <tr><td>0-90</td><td>1026</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>1026</td><td>100</td></tr> </tbody> </table>  | Zone | Lumens | % Fixture | 0-30 | 987 | 96.2 | 0-40 | 1019 | 99.3 | 0-60 | 1026 | 100  | 0-90 | 1026 | 100 | 90-180 | 0 | 0 | 0-180 | 1026 | 100 | <table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>45</td><td>3836</td></tr> <tr><td>55</td><td>676</td></tr> <tr><td>65</td><td>0</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> </tbody> </table>     | Average Candela Degrees | Average 0° Luminance | 45 | 3836  | 55 | 676   | 65 | 0    | 75 | 0 | 85 | 0 |
| D   | FC  | L   | W             |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 4'  | 382   | 1.4   | 1.4           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 7'  | 125   | 2.6   | 2.6           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 9'  | 75  | 3.4   | 3.4           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 13'   | 36  | 5   | 5             |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 16'   | 24  | 6   | 6             |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Degrees Vertical  | Candela   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0   | 6104  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 5   | 5611  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 15  | 1236  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 25  | 229   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 35  | 51  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 45  | 7   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 55  | 1   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 65  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 75  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 85  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 90  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Zone  | Lumens  | % Fixture   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-30  | 987   | 96.2  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-40  | 1019  | 99.3  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-60  | 1026  | 100   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-90  | 1026  | 100   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 90-180  | 0   | 0   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-180   | 1026  | 100   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Average Candela Degrees   | Average 0° Luminance  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 45  | 3836  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 55  | 676   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 65  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 75  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 85  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| <b>Test Number</b> P218754<br><b>Housing</b> LSR2B10FL408035<br><b>Trim</b> 2LBD*LI<br><b>Lumens</b> 1041<br><b>Efficacy</b> 101 Lm/W<br><b>SC</b> 0.59<br>  |   | <br><table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr><td>4'</td><td>161</td><td>2.2</td><td>2.2</td></tr> <tr><td>7'</td><td>53</td><td>4</td><td>4</td></tr> <tr><td>9'</td><td>32</td><td>5.2</td><td>5.2</td></tr> <tr><td>13'</td><td>15</td><td>7.6</td><td>7.6</td></tr> <tr><td>16'</td><td>10</td><td>9.4</td><td>9.4</td></tr> </tbody> </table>          | D             | FC                  | L         | W | 4' | 161   | 2.2 | 2.2 | 7' | 53    | 4   | 4   | 9' | 32  | 5.2 | 5.2 | 13' | 15   | 7.6 | 7.6 | 16' | 10   | 9.4  | 9.4  | <table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>2577</td></tr> <tr><td>5</td><td>2467</td></tr> <tr><td>15</td><td>1626</td></tr> <tr><td>25</td><td>581</td></tr> <tr><td>35</td><td>120</td></tr> <tr><td>45</td><td>19</td></tr> <tr><td>55</td><td>4</td></tr> <tr><td>65</td><td>0</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>  | Degrees Vertical | Candela | 0 | 2577 | 5 | 2467 | 15 | 1626 | 25 | 581 | 35 | 120 | 45 | 19  | 55 | 4  | 65 | 0 | 75 | 0 | 85 | 0 | 90 | 0 | <table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>938</td><td>90.2</td></tr> <tr><td>0-40</td><td>1020</td><td>98.0</td></tr> <tr><td>0-60</td><td>1040</td><td>99.9</td></tr> <tr><td>0-90</td><td>1041</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>1041</td><td>100</td></tr> </tbody> </table> | Zone | Lumens | % Fixture | 0-30 | 938 | 90.2 | 0-40 | 1020 | 98.0 | 0-60 | 1040 | 99.9 | 0-90 | 1041 | 100 | 90-180 | 0 | 0 | 0-180 | 1041 | 100 | <table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>45</td><td>10412</td></tr> <tr><td>55</td><td>2702</td></tr> <tr><td>65</td><td>0</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> </tbody> </table>   | Average Candela Degrees | Average 0° Luminance | 45 | 10412 | 55 | 2702  | 65 | 0    | 75 | 0 | 85 | 0 |
| D   | FC  | L   | W             |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 4'  | 161   | 2.2   | 2.2           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 7'  | 53  | 4   | 4             |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 9'  | 32  | 5.2   | 5.2           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 13'   | 15  | 7.6   | 7.6           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 16'   | 10  | 9.4   | 9.4           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Degrees Vertical  | Candela   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0   | 2577  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 5   | 2467  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 15  | 1626  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 25  | 581   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 35  | 120   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 45  | 19  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 55  | 4   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 65  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 75  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 85  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 90  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Zone  | Lumens  | % Fixture   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-30  | 938   | 90.2  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-40  | 1020  | 98.0  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-60  | 1040  | 99.9  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-90  | 1041  | 100   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 90-180  | 0   | 0   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-180   | 1041  | 100   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Average Candela Degrees   | Average 0° Luminance  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 45  | 10412   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 55  | 2702  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 65  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 75  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 85  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| <b>Test Number</b> P218801<br><b>Housing</b> LSR2B10WFL558035<br><b>Trim</b> 2LBD*LI<br><b>Lumens</b> 985<br><b>Efficacy</b> 95.6 Lm/W<br><b>SC</b> 0.73<br> |  | <br><table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr><td>4'</td><td>82</td><td>2.8</td><td>2.8</td></tr> <tr><td>7'</td><td>27</td><td>5</td><td>5</td></tr> <tr><td>9'</td><td>16</td><td>6.6</td><td>6.6</td></tr> <tr><td>13'</td><td>8</td><td>9.4</td><td>9.4</td></tr> <tr><td>16'</td><td>5</td><td>11.6</td><td>11.6</td></tr> </tbody> </table>          | D             | FC                  | L         | W | 4' | 82    | 2.8 | 2.8 | 7' | 27    | 5   | 5   | 9' | 16  | 6.6 | 6.6 | 13' | 8    | 9.4 | 9.4 | 16' | 5    | 11.6 | 11.6 | <table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>1309</td></tr> <tr><td>5</td><td>1250</td></tr> <tr><td>15</td><td>959</td></tr> <tr><td>25</td><td>644</td></tr> <tr><td>35</td><td>313</td></tr> <tr><td>45</td><td>105</td></tr> <tr><td>55</td><td>28</td></tr> <tr><td>65</td><td>0</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table> | Degrees Vertical | Candela | 0 | 1309 | 5 | 1250 | 15 | 959  | 25 | 644 | 35 | 313 | 45 | 105 | 55 | 28 | 65 | 0 | 75 | 0 | 85 | 0 | 90 | 0 | <table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>674</td><td>68.5</td></tr> <tr><td>0-40</td><td>873</td><td>88.7</td></tr> <tr><td>0-60</td><td>984</td><td>99.9</td></tr> <tr><td>0-90</td><td>985</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>985</td><td>100</td></tr> </tbody> </table>     | Zone | Lumens | % Fixture | 0-30 | 674 | 68.5 | 0-40 | 873  | 88.7 | 0-60 | 984  | 99.9 | 0-90 | 985  | 100 | 90-180 | 0 | 0 | 0-180 | 985  | 100 | <table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>45</td><td>57541</td></tr> <tr><td>55</td><td>18916</td></tr> <tr><td>65</td><td>0</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> </tbody> </table>  | Average Candela Degrees | Average 0° Luminance | 45 | 57541 | 55 | 18916 | 65 | 0    | 75 | 0 | 85 | 0 |
| D   | FC  | L   | W             |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 4'  | 82  | 2.8   | 2.8           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 7'  | 27  | 5   | 5             |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 9'  | 16  | 6.6   | 6.6           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 13'   | 8   | 9.4   | 9.4           |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 16'   | 5   | 11.6  | 11.6          |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Degrees Vertical  | Candela   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0   | 1309  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 5   | 1250  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 15  | 959   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 25  | 644   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 35  | 313   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 45  | 105   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 55  | 28  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 65  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 75  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 85  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 90  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Zone  | Lumens  | % Fixture   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-30  | 674   | 68.5  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-40  | 873   | 88.7  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-60  | 984   | 99.9  |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-90  | 985   | 100   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 90-180  | 0   | 0   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 0-180   | 985   | 100   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| Average Candela Degrees   | Average 0° Luminance  |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 45  | 57541   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 55  | 18916   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 65  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 75  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |
| 85  | 0   |   |               |                     |           |   |    |       |     |     |    |       |     |     |    |     |     |     |     |      |     |     |     |      |      |      |   |                  |         |   |      |   |      |    |      |    |     |    |     |    |     |    |    |    |   |    |   |    |   |    |   |   |      |        |           |      |     |      |      |      |      |      |      |      |      |      |     |        |   |   |       |      |     |   |                         |                      |    |       |    |       |    |      |    |   |    |   |

Dimensional and Mounting Details

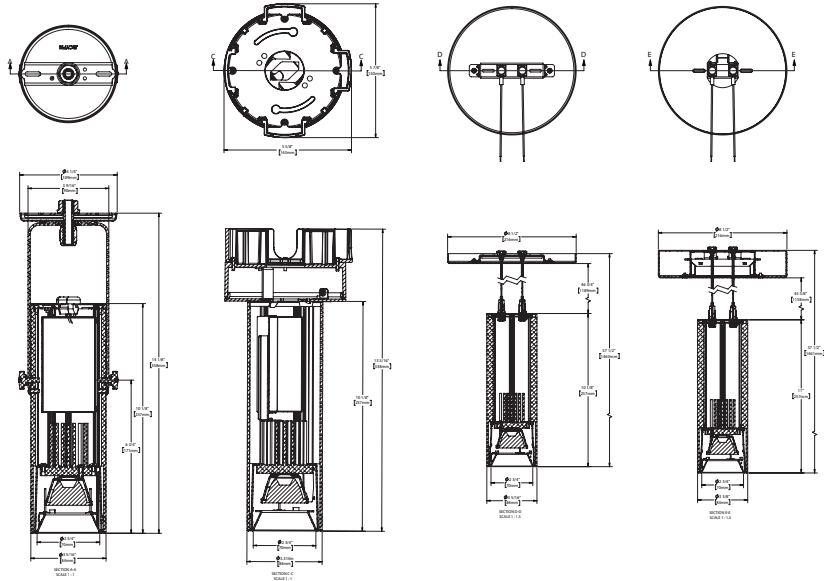


2IN ROUND CYLINDER  
STANDARD YOKE MOUNT

2IN ROUND CYLINDER  
CONDUIT CANOPY

2IN ROUND CYLINDER  
POWER CORD PENDANT

2IN ROUND CYLINDER  
POWER CORD PENDANT DRIVER



025201502M - 01/24



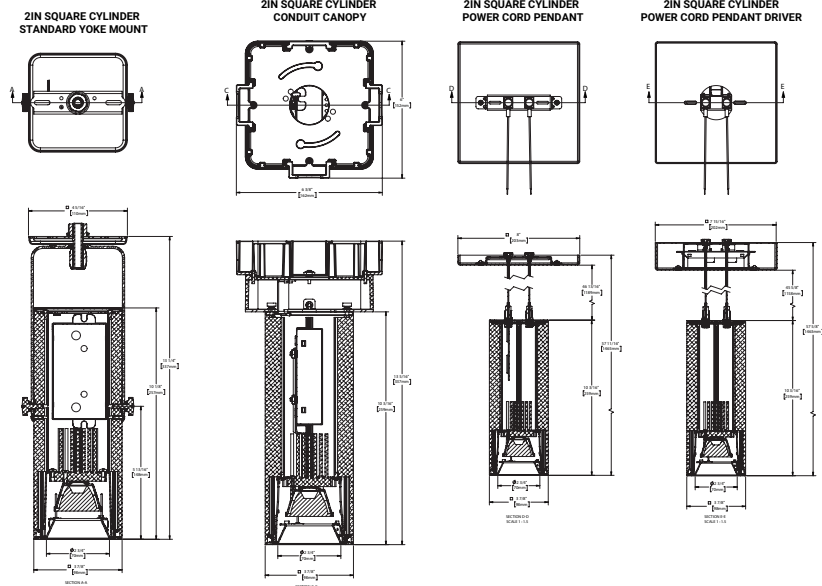
LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
 DATE January 26, 2024  
 PHASE Permit Set

DPI

This luminaire cut sheet is for information purposes only. Refer to final Luminaire Schedule for other acceptable manufacturers, specified features, finishes, lamping, etc.

Dimensional and Mounting Details



LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
 DATE January 26, 2024  
 PHASE Permit Set

**DPI**

This luminaire cut sheet is for information purposes only. Refer to final Luminaire Schedule for other acceptable manufacturers, specified features, finishes, lamping, etc.

## Connected Systems

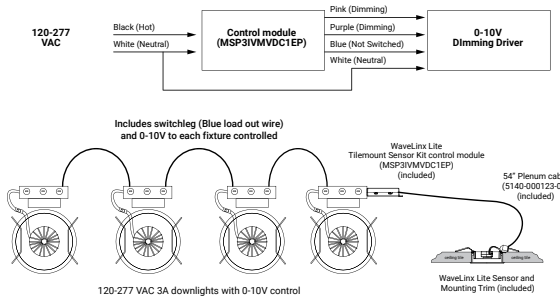


### WaveLinX Lite - WTK Tilemount Sensor

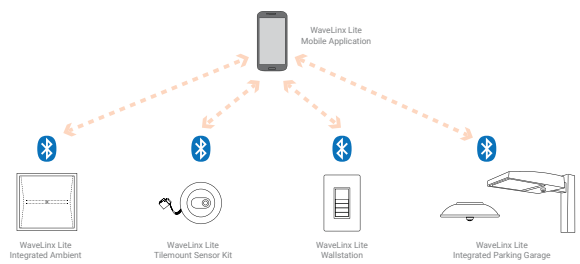
- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinX Lite Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic occupancy or vacancy, sensor sensitivity, daylight dimming, etc. configurable through the app
- Refer to the WaveLinX system specifications for details



#### WaveLinX Lite WTK Tilemount Wiring Diagram



#### WaveLinX Lite Bluetooth Enabled System



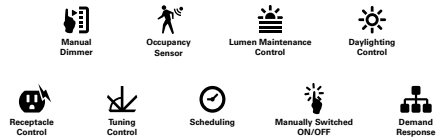
### WaveLinX Wireless – WTA Tilemount Sensor



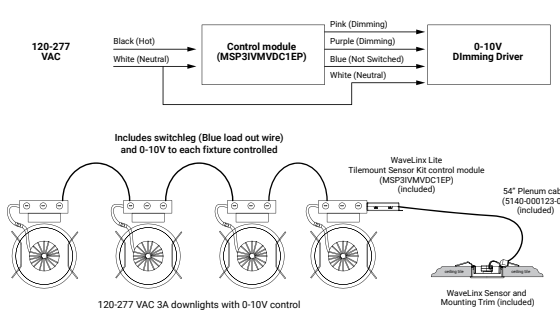
- WaveLinX Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building Network Installations



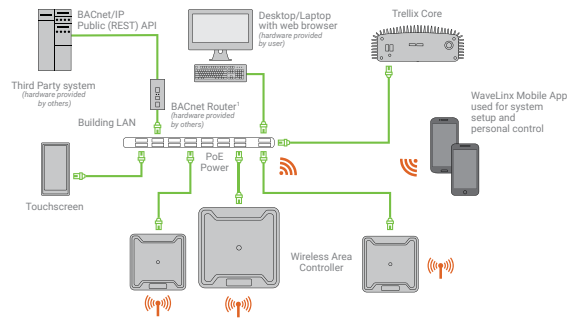
#### WaveLinX mobile app settings



#### WaveLinX Lite WTA Tilemount Wiring Diagram

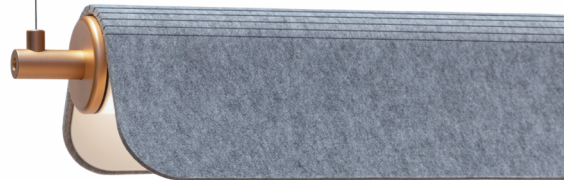


#### WaveLinX Wireless Trellix Building Management Integration





# DASCH (LX-DA)



## TYPE:

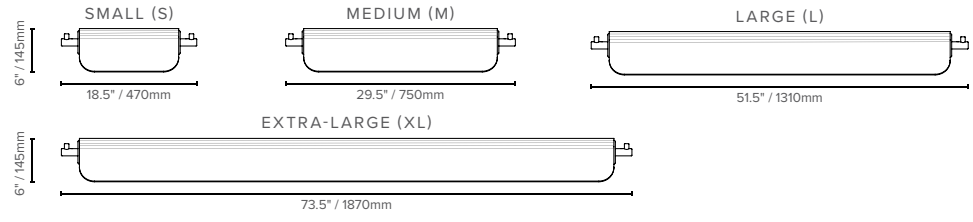
### KEY FEATURES

- Highly effective noise absorption
- Perfect fit for corridors, hallways or above desks
- 4 lengths and a wide range of colors
- Mix and match shade colors and end cap finishes
- High performance dimmable LED light source - UGR<19
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available
- L70 lifetime rating of 50,000 hours

### OPTIONAL EXTRAS

- Additional options available upon request:
- POE
  - Bluetooth controller (US & EU only)
  - Tunable White output
  - White canopy and power cord

## SIZE, OUTPUT AND WEIGHT



|               | SMALL            |         |          | MEDIUM           |         |          | LARGE            |         |          | EXTRA LARGE      |         |               |
|---------------|------------------|---------|----------|------------------|---------|----------|------------------|---------|----------|------------------|---------|---------------|
|               | Delivered Lumens | Wattage | Efficacy | Delivered Lumens | Wattage | Efficacy | Delivered Lumens | Wattage | Efficacy | Delivered Lumens | Wattage | Efficacy lm/W |
| Direct Output | 683lm            | 8.9W    | 77 lm/W  | 1245lm           | 16.3W   | 76 lm/W  | 2370lm           | 31W     | 76 lm/W  | 3495lm           | 45.6W   | 77 lm/W       |
| Weight        | 13.2 lbs / 6 Kg  |         |          | 17.6 lbs / 8 Kg  |         |          | 22 lbs / 10 Kg   |         |          | 30.9 lbs / 14 Kg |         |               |

## ORDER CODE

EXAMPLE: LX - DA - L - DB - SL - 40 - UNV - RD  
 (Luxxbox Dasch, Large (52" / 1310mm), Dark Blue shade, Silver Anodized end caps, 4000K, Universal 110-277V / 0-10V dimming, Remote driver)

| LX - DA | SIZE |                | SHADE COLOR              | END CAP FINISH           | COLOR TEMP | REGION / DIMMING | DRIVER TYPE  |   |                                   |
|---------|------|----------------|--------------------------|--------------------------|------------|------------------|--|---|-----------------------------------|
| DA      | S    | 18.5" / 470mm  | Use color codes as shown | Use color codes as shown | 30         | 3000K            | UNV<br>Universal 110-277VAC / 0 - 10V<br>10% dimming (North America only)<br>Global 220 - 240V<br>1% dimming DSI / DALI* | CD<br>Canopy concealed driver<br>(UNV/North America only) |                                   |
|         | M    | 29.5" / 750mm  |                          |                          | 35         | 3500K            |  |   |                                   |
|         | L    | 52" / 1310mm   |                          |                          | 40         | 4000K            |  |   | RD<br>Remote driver<br>(UNV or G) |
|         | XL   | 73.5" / 1870mm |                          |                          |            |                  |  |   |                                   |

\* Global (G) dimming type is available with Remote driver (RD) only

## AVAILABLE COLORS

Colors are subject to lead times and variations across batches

**CORE**

- Off White (OW)
- Light Grey (LG)
- Light Blue (LB)
- Dark Blue (DB)
- Emerald Green (EG)
- Charcoal (C)
- Black (B)

**DESIGNER**

- Sand (SA)
- Mid Grey (MG)
- Bright Blue (BB)
- Steel Blue (SB)
- Forest Green (FG)
- Bright Yellow (BY)
- Orange (O)
- Red (R)

**END CAP**  
Anodized finishes

- Black (BL)
- Silver (SL)
- Brass (BR)
- Copper (CO)

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## LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
 DATE January 26, 2024  
 PHASE Permit Set

LP1

This luminaire cut sheet is for information purposes only. Refer to final Luminaire Schedule for other acceptable manufacturers, specified features, finishes, lamping, etc.



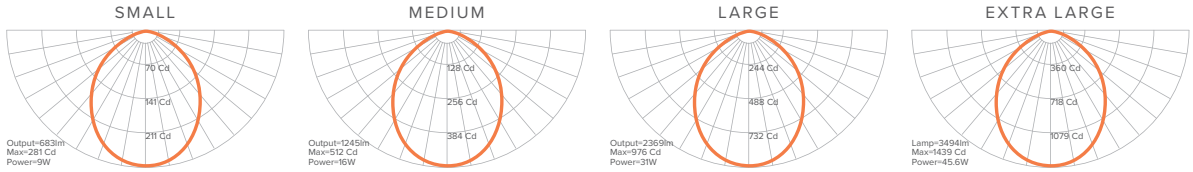
# DASCH (LX-DA)

TYPE:

## PHOTOMETRICS

|                        | SMALL (18.5" / 470mm) | MEDIUM (29.5" / 750mm) | LARGE (52" / 1310mm) | EXTRA LARGE (74" / 1870mm) |
|------------------------|-----------------------|------------------------|----------------------|----------------------------|
| Delivered Lumen Output | 683lm                 | 1245lm                 | 2370lm               | 3495lm                     |
| Wattage                | 8.9W                  | 16.36W                 | 31W                  | 45.6W                      |
| Efficacy               | 77 lm/W               |                        |                      |                            |
| CRI                    | 90+                   |                        |                      |                            |
| CCT                    | 3000, 3500, 4000 K    |                        |                      |                            |
| UGR                    | <19                   |                        |                      |                            |

## LUMINOUS INTENSITY DISTRIBUTION



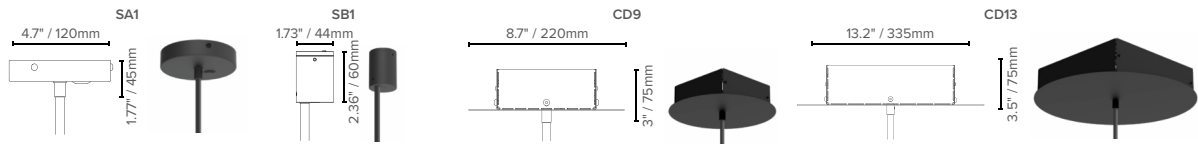
## DRIVER INFORMATION

| 10% DIMMING (120-277V)       |        |        |          |            |
|------------------------------|--------|--------|----------|------------|
| Size                         | Output | Watts  | Output   | Compliance |
| SMALL                        | Direct | 8.9W   | 18-36VDC |            |
| MEDIUM                       | Direct | 16.36W |          |            |
| LARGE                        | Direct | 31W    |          |            |
| EXTRA LARGE                  | Direct | 45.6W  |          |            |
| 1% DIMMING (DALI) (220-240V) |        |        |          |            |
| Size                         | Output | Watts  | Output   | Compliance |
| SMALL                        | Direct | 8.9W   | 10-55VDC |            |
| MEDIUM                       | Direct | 16.36W |          |            |
| LARGE                        | Direct | 31W    |          |            |
| EXTRA LARGE                  | Direct | 45.6W  |          |            |

## CANOPY INFORMATION

Please note power cable and canopy will always be supplied in black unless specified otherwise.

| PRODUCT | SIZE  | UNIVERSAL (NORTH AMERICA) |      | GLOBAL |
|---------|-------|---------------------------|------|--------|
|         |       | RD                        | CD   | RD     |
| LX-DA   | S/M/L | SA1                       | CD9  | SB1    |
|         | XL    | SA1                       | CD13 | SB1    |



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### LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
 DATE January 26, 2024  
 PHASE Permit Set

LP1

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# DASCH (LX-DA)

TYPE:

## MATERIAL SPECIFICATIONS

|                          |   |
|--------------------------|---|
| COLOR FASTNESS TO LIGHT: | ISO 105-B02-1994 Rating: 6-7  |
| FIRE TEST:               | AS 1530.3 / ISO 9705: Group 1 / GB8624 B1 / ASTM E-84-14 (Class A, FSI:20 - SDI:450) / BS EN13501-1:2007+A1:2009 (B-s1, d0) |
| ENVIRONMENTAL:           | PET achieves GreenTag Certification / GreenRate: Level A  |
| THERMAL TRANSITION:      | ASTM C518-2010. R- Value = 0.30 m <sup>2</sup> K/W  |
| SOUND ABSORPTION:        | AS ISO 354 – 2006 / Noise reduction coefficient (NRC) = 0.85  |
| VOC EMISSIONS:           | ASTM D5116 Rate: < 0.01 mg/m <sup>2</sup> /hr (7 days)  |

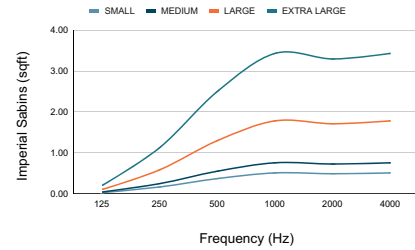
Please note some of these certificates will apply to specific colors.

## PRODUCT ACOUSTIC PROPERTIES

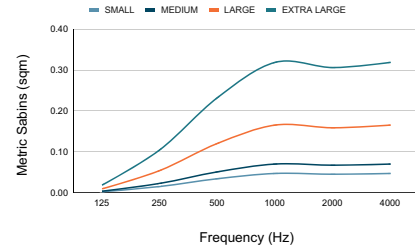
Testing and post analysis procedures were carried out in accordance with the references detailed below:

|                         |  |
|-------------------------|--|
| AS ISO 354-2006 (R2016) | Acoustics—Measurement of sound absorption in a reverberation room  |
| AS ISO 11654—2002       | Rating of sound absorption—Materials and systems   |
| ASTM C423-17            | Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method   |
| ASTM E795-16            | Standard Practices for Mounting Test Specimens During Sound Absorption Tests   |
| ISO 20189               | Screens, furniture and single objects intended for interior use – Rating of sound absorption and sound reduction of elements based on laboratory measurements. |

| IMPERIAL SABINS | Frequency (Hz) | Sound Absorption Coefficient | SMALL (S) | MEDIUM (M) | LARGE (L) | EXTRA-LARGE (L) |
|-----------------|----------------|------------------------------|-----------|------------|-----------|-----------------|
|                 | 125            | 0.06                         | 0.03      | 0.05       | 0.11      | 0.21            |
| 250             | 0.33           | 0.17                         | 0.25      | 0.59       | 1.13      |                 |
| 500             | 0.73           | 0.37                         | 0.55      | 1.30       | 2.51      |                 |
| 1000            | 1              | 0.51                         | 0.76      | 1.78       | 3.43      |                 |
| 2000            | 0.96           | 0.49                         | 0.73      | 1.71       | 3.29      |                 |
| 4000            | 1              | 0.51                         | 0.76      | 1.78       | 3.43      |                 |



| METRIC SABINS | Frequency (Hz) | Sound Absorption Coefficient | SMALL (S) | MEDIUM (M) | LARGE (L) | EXTRA-LARGE (L) |
|---------------|----------------|------------------------------|-----------|------------|-----------|-----------------|
|               | 125            | 0.06                         | 0.00      | 0.00       | 0.01      | 0.02            |
| 250           | 0.33           | 0.02                         | 0.02      | 0.05       | 0.11      |                 |
| 500           | 0.73           | 0.03                         | 0.05      | 0.12       | 0.23      |                 |
| 1000          | 1              | 0.05                         | 0.07      | 0.17       | 0.32      |                 |
| 2000          | 0.96           | 0.05                         | 0.07      | 0.16       | 0.31      |                 |
| 4000          | 1              | 0.05                         | 0.07      | 0.17       | 0.32      |                 |



The Sabin data shown above is in accordance with the latest International Standards for the rating of sound absorption and reduction. This is different from the classic methodology, which includes the calculation of the Noise Reduction Coefficient (NRC), the Sound Absorption Average (SAA), the Weighted Sound Absorption Coefficient (**aw**) and the Sound Absorption Class (SAC). However, to make it easier to compare against other products, we are including that information on the table on the right, which was calculated using the Horizontal Floor Area method. Fully detailed test reports are available upon request.

|     |          |
|-----|----------|
| NRC | 0.75     |
| SAA | 0.75     |
| aw  | 0.6 (MH) |

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3



### LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
 DATE January 26, 2024  
 PHASE Permit Set

### LP1

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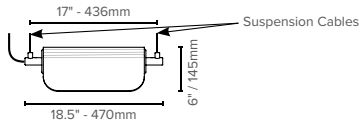
# DASCH (LX-DA)

TYPE: \_\_\_\_\_

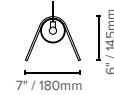
## PRODUCT DIMENSIONS

### SIDE VIEWS

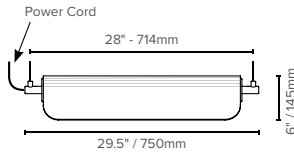
#### SMALL



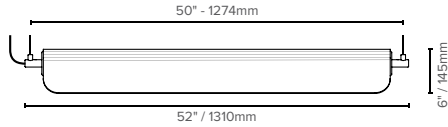
### END VIEW



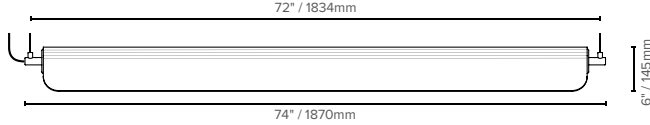
#### MEDIUM



#### LARGE



#### EXTRA-LARGE



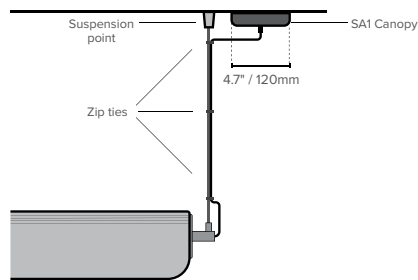
### EXAMPLE: SUSPENSION - POWER

On the side views above you can see the power cable will always exit the pendant through the side of the pendant, very close to the suspension cable.

Canopies are not supplied with suspension points, so our recommended method of installation is shown on the diagram on the right.

You will find more detailed information about the canopy on page 3 or refer to the Installation Instructions at [www.luxxbox.com](http://www.luxxbox.com).

### Recommended Installation



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### LUMINAIRE CUT SHEET

PROJECT **Puyallup Library Teen Zone**  
 DATE **January 26, 2024**  
 PHASE **Permit Set**

# LP1

This luminaire cut sheet is for information purposes only. Refer to final Luminaire Schedule for other acceptable manufacturers, specified features, finishes, lamping, etc.

|              |  |
|--------------|--|
| Project Name |  |
| Description  |  |
| Type         |  |
| Notes        |  |

### DESCRIPTION

Alphabet of Light System was born out of the need to create a system of signs for new buildings designed by BIG. Linear and curved elements of varying lengths and angles can be connected to create free or closed compositions within a space, giving endless possibilities for creating basic or more complex structures of light. The indoor signage lighting is perfect for a wide range of commercial projects. The system is composed of a series of seamless joiners and linear or curved models that fit together to create one piece with an even seamless light.



For the latest product information, please contact: USA: 631-694-9292, Canada: 514-323-6537 or at [www.artemide.net](http://www.artemide.net)  
 We reserve the right to change specifications of our products (designs, materials and finishes).  
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### LUMINAIRE CUT SHEET

PROJECT **Puyallup Library Teen Zone**  
 DATE **January 26, 2024**  
 PHASE **Permit Set**

## LS1

This luminaire cut sheet is for information purposes only. Refer to final Luminaire Schedule for other acceptable manufacturers, specified features, finishes, lamping, etc.

## COMPOSITION OF A SYSTEM

Each system is composed of modules (linear or curved) connected together electrically and/or mechanically by joiners. In the example below you can see a typical layout of a system with 4 feed points.

Pay attention to the margin of error for large systems similar to the arrangement below. During mounting, if a displacement is created, it could have repercussions on the opposite side of the system.

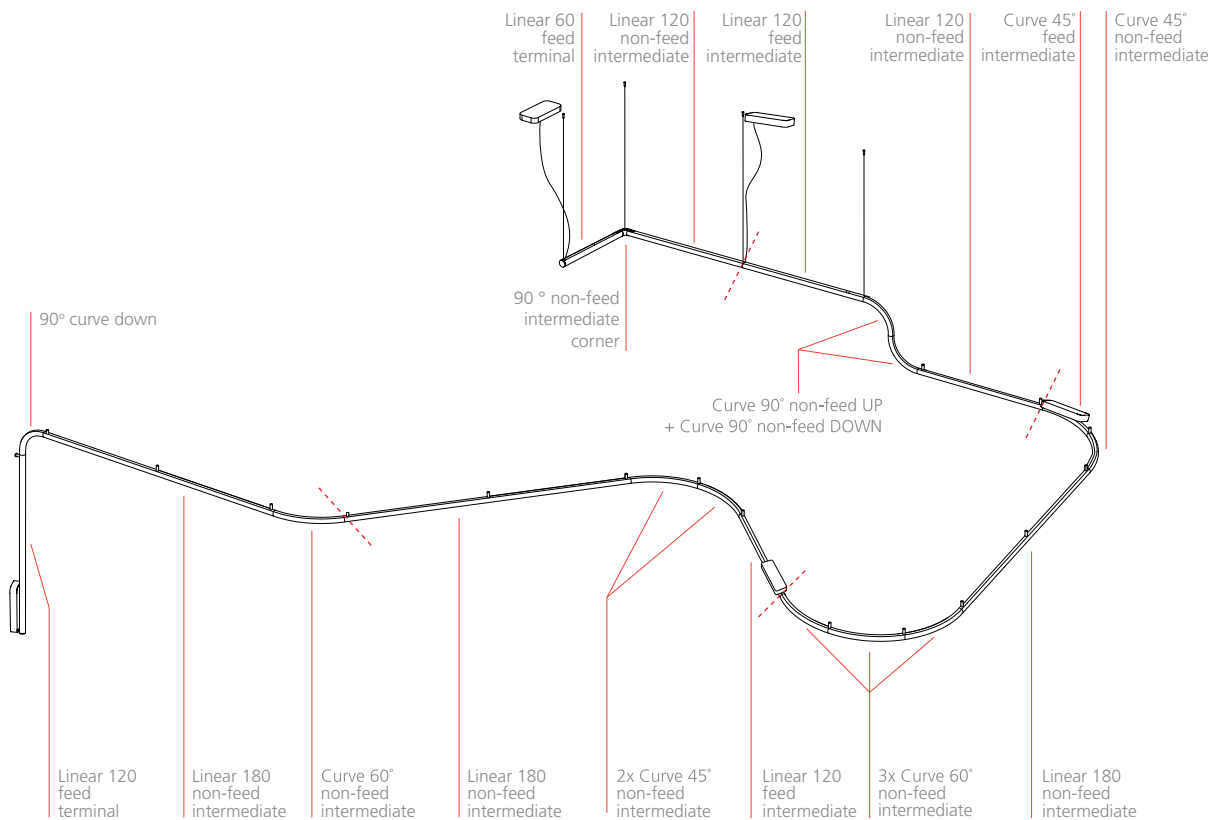
The example below is a mix between suspension modules and wall / ceiling modules. There is no restriction to mix and match them as long as the system follows the electrical specifications and room dimensions.

To learn more about electrical connections please refer to the Drivers Housings section.

To learn more about module typologies please refer to "features" in each module type.

Note that in this example, only modules are labeled. Accessories like joiners, suspensions and driver housings need to be ordered with the modules to create a complete system.

## EXAMPLE : MODULE TYPES



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## LUMINAIRE CUT SHEET

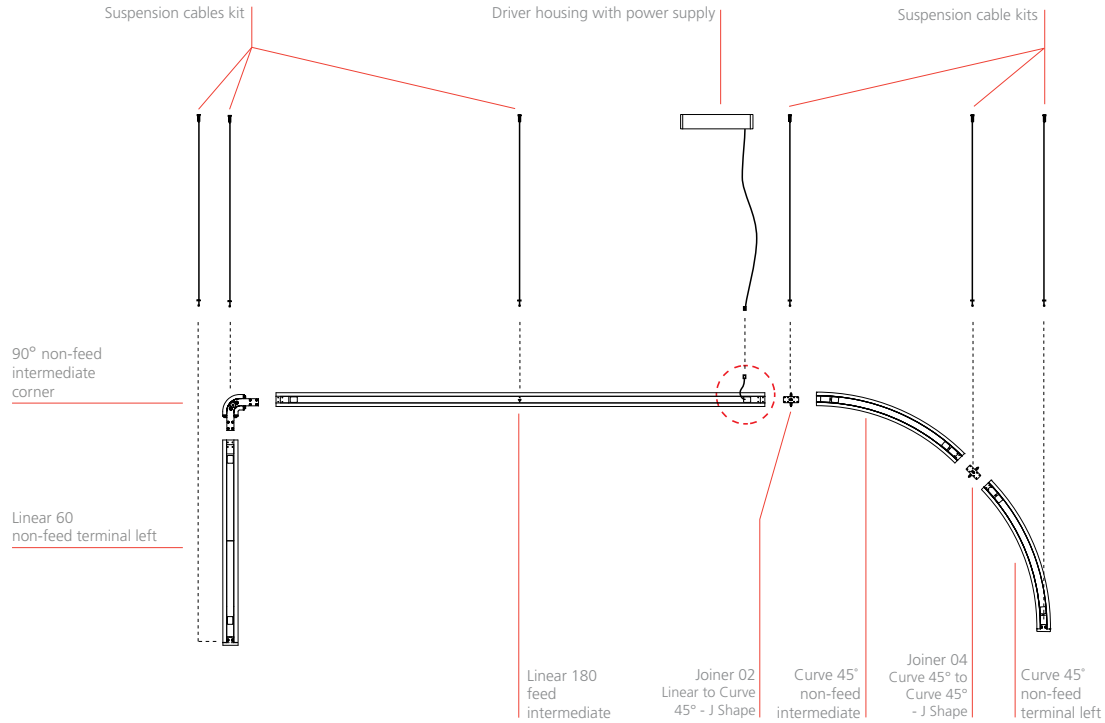
PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

LS1

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### EXAMPLE : ITEMS TO ORDER

To order a complete Alphabet of Light System, it's important to add in the order guide : suspension cable kits, joiners and driver housings beside modules. The example below can be used as an example to make an exhaustive order.



### STEPS TO COMPLETE ORDER

- 1. Choose modules according to the layout**, taking in consideration module length, type (terminal or intermediate) and orientation (left or right). Take the precise length to apply to the layout, the nominal length is different for terminals and intermediates. Add 3/16" (4mm) between each module for the joiner.
- 2. Choose the appropriate joiners** depending on the previous and next modules connected to the joiner. (e.g. to connect one linear module to a 45° curve one, order a "linear to curve 45°" joiner, pay attention to the orientation (S shape, C shape, Z shape, etc.) Use a "90° intermediate corner" to create a system with a sharper turn.
- 3. Separate the system in 85W linear sections** (please refer to the driver housing section for more details), and order as many driver housings as sections. Please define also the placement of driver housings in the system and communicate this layout to the installer.
- For the suspended version, please **order as many suspension cable kits as needed**. Please see suspension cable kits section to calculate the quantity required for your system layout.



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### LUMINAIRE CUT SHEET

PROJECT **Puyallup Library Teen Zone**  
DATE **January 26, 2024**  
PHASE **Permit Set**

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## LS1

### LINEAR SUSPENSION LIGHT MODULES

|               |  |
|---------------|--|
| TYPE          | 21 = module  |
| CONFIGURATION | 00 = 60 feed terminal<br>01 = 60 non-feed terminal<br>02 = 60 non-feed intermediate                                  |
|               | 04 = 120 feed terminal<br>05 = 120 feed intermediate<br>06 = 120 non-feed terminal<br>07 = 120 non-feed intermediate |
|               | 08 = 180 feed terminal<br>09 = 180 feed intermediate<br>10 = 180 non-feed terminal<br>11 = 180 non-feed intermediate |
|               | 56 = T Joint non-feed<br>58 = X Joint non-feed   |
| CCT           | O = 3000K<br>C = 3500K   |
| FAMILY        | 10A = AOL System   |

\* For custom requests, please consult factory.

### FEATURES

**MATERIALS** Body in anodized aluminum and illuminated tube in opal PMMA

**CONSTRUCTION** Linear modules are available in three lengths, approximately 60cm, 120cm and 180cm. Electrical connection between two modules is done using an electrical jumper.

**INSTALLATION** Suspension only. Possible to articulate the system on the horizontal plane with 45° and 60° curves and on the vertical plane with 90° curves. Feed modules requires external 24VDC power supply. Non-feed modules are fed by the adjoining module. Feed module can be used with a surface driver or a remote power supply. **For more information please refer to the driver housings section.**

**OPTICS** Diffused Opal offers a bright and uniform lighting distribution running along the entire optic in a 360° angle.

**LED** The LED module is available in 3000K and 3500K. Color Tolerance : MacAdam 3SDCM Service Life : L80 (12K) 72000h

### CERTIFICATIONS

 suitable for damp locations.

### PHOTOMETRIC SUMMARY

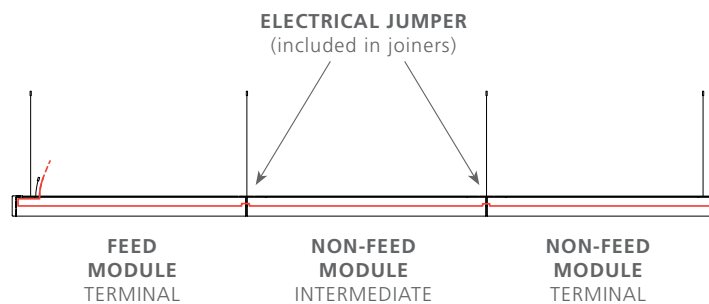
Photometric data does not include driver

| MODULE & EMISSION | linear 60 |        | linear 120 |        | linear 180 |        |
|-------------------|-----------|--------|------------|--------|------------|--------|
|                   | 3000K     | 3500K  | 3000K      | 3500K  | 3000K      | 3500K  |
| INPUT POWER       | 11 W      |        | 22 W       |        | 33 W       |        |
| CRI               | 80        |        | 80         |        | 80         |        |
| DELIVERED LUMENS  | 977lm     | 992lm  | 1954lm     | 1985lm | 2932lm     | 2977lm |
| NOMINAL LUMENS    | 1225lm    | 1244lm | 2450lm     | 2488lm | 3675lm     | 3732lm |
| EFFICACY (lm/W)   | 89lm/W    | 90lm/W | 89lm/W     | 90lm/W | 89lm/W     | 90lm/W |
| EFFICIENCY (%)    | 80%       |        | 80%        |        | 80%        |        |

### ELECTRICAL OPTIONS

Modules are available in two electrical options : **feed** and **non-feed**. **Feed** modules are powered by an external power supply and **non-feed** are fed by an adjoining module. You must have at least one feed module per system.

Each electrical circuit should not exceed 85W. See driver housing section for more information.



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### LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

LS1

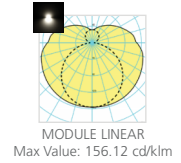
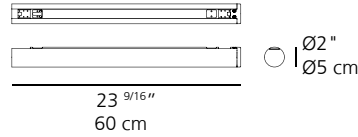
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### ITEMS DETAILS

#### 60 TERMINAL

**POWER** 11W

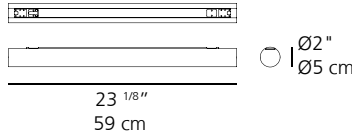
**USE** At the beginning or at the end of a system.



#### 60 INTERMEDIATE

**POWER** 11W

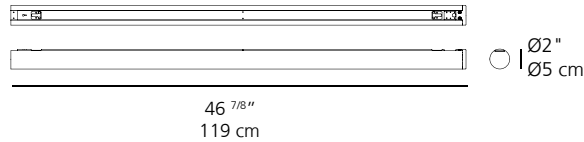
**USE** Between two modules in a system.



#### 120 TERMINAL

**POWER** 22W

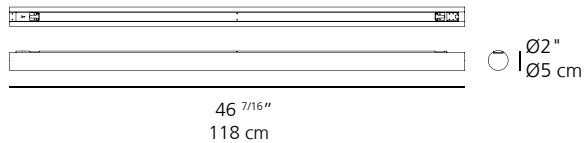
**USE** At the beginning or at the end of a system.



#### 120 INTERMEDIATE

**POWER** 22W

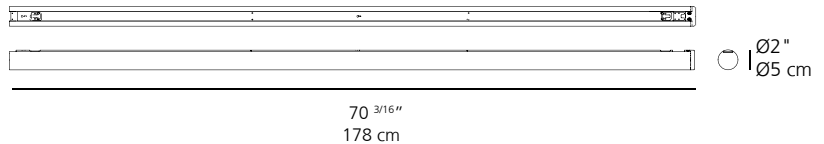
**USE** Between two modules in a system.



#### 180 TERMINAL

**POWER** 33W

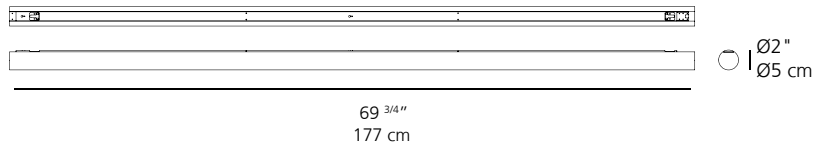
**USE** At the beginning or at the end of a system.



#### 180 INTERMEDIATE

**POWER** 33W

**USE** Between two modules in a system.



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### LUMINAIRE CUT SHEET

**PROJECT** Puyallup Library Teen Zone  
**DATE** January 26, 2024  
**PHASE** Permit Set

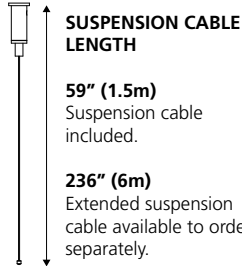
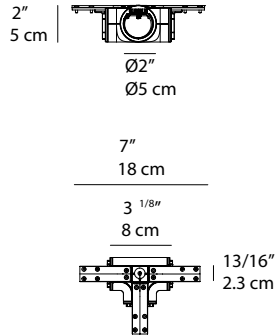
**LSI**

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## T JOINT

**POWER** 2W

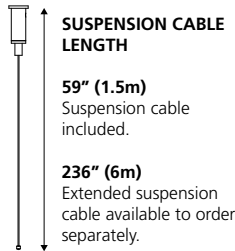
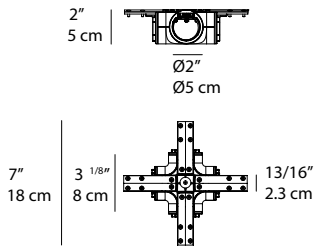
**USE** Suitable to connect to linear module only. Mechanical joiners included.



## X JOINT

**POWER** 2.4W

**USE** Suitable to connect to linear module only. Mechanical joiners included.



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### LUMINAIRE CUT SHEET

**PROJECT** Puyallup Library Teen Zone  
**DATE** January 26, 2024  
**PHASE** Permit Set

**LS1**

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### CURVE SUSPENSION LIGHT MODULES

|               |  |
|---------------|--|
| TYPE          | 21 = module  |
| CONFIGURATION | 24 = 90° non-feed vertical UP<br>25 = 90° non-feed vertical DOWN   |
|               | 12 = 45° feed terminal left<br>13 = 45° feed terminal right<br>14 = 45° feed intermediate<br>15 = 45° non-feed terminal left<br>16 = 45° non-feed terminal right<br>17 = 45° non-feed intermediate |
|               | 18 = 60° feed terminal left<br>19 = 60° feed terminal right<br>20 = 60° feed intermediate<br>21 = 60° non-feed terminal left<br>22 = 60° non-feed terminal right<br>23 = 60° non-feed intermediate |
|               | 54 = 90° non-feed intermediate corner  |
| CCT           | 0 = 3000K<br>C = 3500K   |
| FAMILY        | 10A = AOL System   |

\* For custom requests, please consult factory.

### FEATURES

**MATERIALS** Body in anodized aluminum and illuminated tube in opal PMMA

**CONSTRUCTION** Curve modules are available in three sizes and angles, 45°, 60° and 90° UP, DOWN and horizontal. Electrical connection between the two modules is made using an electrical jumper.

**INSTALLATION** Suspension only. Can be connected with linear modules 60, 120 and 180. **Curve 90° UP and DOWN can only be connected to another vertical 90° or a linear element.** Feed modules require external 24VDC power supply. Non-feed modules are fed by the adjoining module. Feed module can be used with a surface driver or a remote power supply. **For more information please refer to the driver housings section.**

**OPTICS** Diffused Opal offers a bright and uniform lighting distribution running along the entire optic in a 360° angle.

**LED** The LED module is available in 3000K and 3500K. Color Tolerance : MacAdam 3SDCM Service Life : L80 (12K) 72000h

**CERTIFICATIONS**  suitable for damp locations.

### PHOTOMETRIC SUMMARY

Photometric data does not include driver

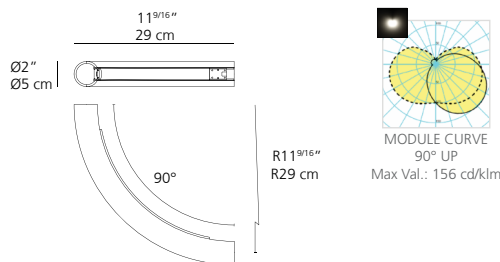
| MODULE & EMISSION | curve 45° |        | curve 60° |        | curve 90° UP |        | curve 90° DOWN |        | 90° Intermediate corner |         |
|-------------------|-----------|--------|-----------|--------|--------------|--------|----------------|--------|-------------------------|---------|
|                   | 3000K     | 3500K  | 3000K     | 3500K  | 3000K        | 3500K  | 3000K          | 3500K  | 3000K                   | 3500K   |
| INPUT POWER       | 11 W      |        | 8 W       |        | 8 W          |        | 8 W            |        | 1.5 W                   |         |
| CRI               | 80        |        | 80        |        | 80           |        | 80             |        | 80                      |         |
| DELIVERED LUMENS  | 964lm     | 979lm  | 691lm     | 701lm  | 636lm        | 645lm  | 612lm          | 621lm  | 94lm                    | 96lm    |
| NOMINAL LUMENS    | 1225lm    | 1244lm | 903lm     | 917lm  | 903lm        | 917lm  | 903lm          | 917lm  | 160lm                   | 161lm   |
| EFFICACY (lm/W)   | 88lm/W    | 89lm/W | 86lm/W    | 88lm/W | 79lm/W       | 81lm/W | 76lm/W         | 78lm/W | 106lm/W                 | 108lm/W |
| EFFICIENCY (%)    | 79%       |        | 76%       |        | 70%          |        | 68%            |        | 59%                     |         |

### ITEMS DETAILS

#### 90° VERTICAL UP

POWER 8W

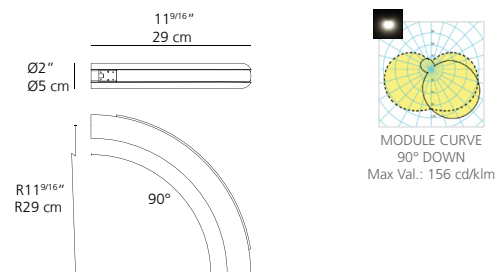
USE Between two modules in a system. **Can only be connected to another 90° or a linear element.**



#### 90° VERTICAL DOWN

POWER 8W

USE Between two modules in a system. **Can only be connected to another 90° or a linear element.**



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### LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

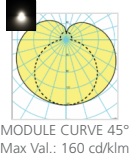
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**LS1**

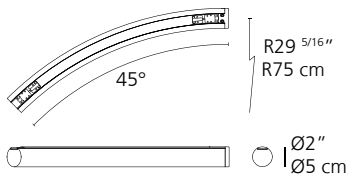
### 45° TERMINAL LEFT

POWER 11W

USE At the beginning or at the end of a system.



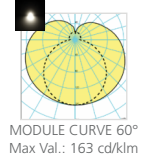
21 1/8"  
54 cm



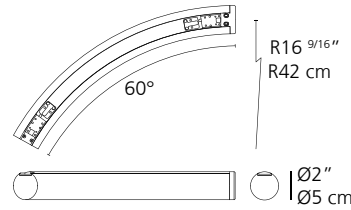
### 60° TERMINAL LEFT

POWER 8W

USE At the beginning or at the end of a system.



14 3/4"  
38 cm

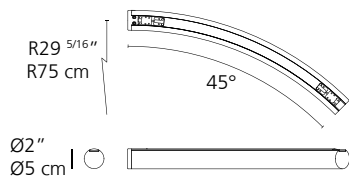


### 45° TERMINAL RIGHT

POWER 11W

USE At the beginning or at the end of a system.

21 1/8"  
54 cm

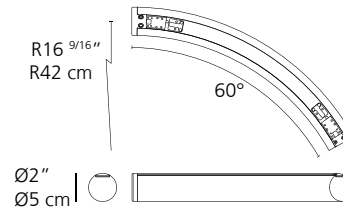


### 60° TERMINAL RIGHT

POWER 8W

USE At the beginning or at the end of a system.

14 3/4"  
38 cm

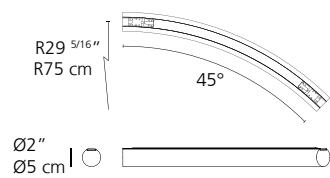


### 45° INTERMEDIATE

POWER 11W

USE Between two modules in a system.

20 3/4"  
53 cm

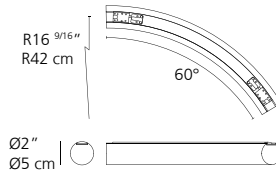


### 60° INTERMEDIATE

POWER 8W

USE Between two modules in a system.

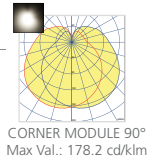
14 3/8"  
37 cm



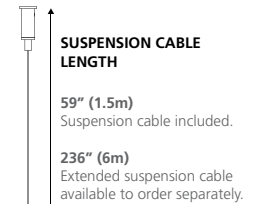
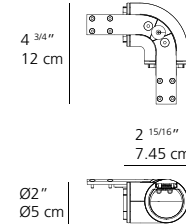
### 90° INTERMEDIATE CORNER

POWER 1.5W

USE Suitable to connect to linear module only. Mechanical joiners included.



4 3/4"  
12 cm



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### LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

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LS1

### LINEAR WALL / CEILING LIGHT MODULES

|                      |   |
|----------------------|---|
| <b>TYPE</b>          | 21 = module   |
| <b>CONFIGURATION</b> | 30 = 60 feed terminal<br>31 = 60 non-feed terminal<br>32 = 60 non-feed intermediate<br>60 = 60 remote feed terminal<br>34 = 120 feed terminal<br>35 = 120 feed intermediate<br>36 = 120 non-feed terminal<br>37 = 120 non-feed intermediate<br>61 = 120 remote feed terminal<br>62 = 120 remote feed intermediate<br>38 = 180 feed terminal<br>39 = 180 feed intermediate<br>40 = 180 non-feed terminal<br>41 = 180 non-feed intermediate<br>63 = 180 remote feed terminal<br>64 = 180 remote feed intermediate<br>57 = T Joint non-feed<br>59 = X Joint non-feed |
| <b>CCT</b>           | 0 = 3000K<br>C = 3500K  |
| <b>FAMILY</b>        | 10A = AOL System  |

\* For custom requests, please consult factory.

### PHOTOMETRIC SUMMARY

Photometric data does not include driver

| MODULE & EMISSION | linear 60 |        | linear 120 |        | linear 180 |        |
|-------------------|-----------|--------|------------|--------|------------|--------|
| INPUT POWER       | 11 W      |        | 22 W       |        | 33 W       |        |
| CRI               | 80        |        | 80         |        | 80         |        |
| CCT               | 3000K     | 3500K  | 3000K      | 3500K  | 3000K      | 3500K  |
| DELIVERED LUMENS  | 977lm     | 992lm  | 1954lm     | 1985lm | 2932lm     | 2977lm |
| NOMINAL LUMENS    | 1225lm    | 1244lm | 2450lm     | 2488lm | 3675lm     | 3732lm |
| EFFICACY (lm/W)   | 89mw      | 90mw   | 89mw       | 90mw   | 89mw       | 90mw   |
| EFFICIENCY (%)    | 80%       |        | 80%        |        | 80%        |        |

### FEATURES

#### MATERIALS

Body in anodized aluminum and illuminated tube in opal PMMA

#### CONSTRUCTION

Linear modules are available in three lengths, approximately 60cm, 120cm and 180cm. Electrical connection between two modules is made using an electrical jumper.

#### INSTALLATION

Wall and ceiling surfaces only. Possible to articulate the system on the horizontal plane with 45° and 60° curves and on the vertical plane with 90° curves. Feed modules require external 24VDC power supply. Non-feed modules are fed by the adjoining module. Feed module can be used with a surface driver or a remote power supply. **For more information please refer to the driver box section.**


#### OPTICS

Diffused Opal offers a bright and uniform lighting distribution running along the entire optic in a 360° angle.

#### LED

The LED module is available in 3000K and 3500K. Color Tolerance : MacAdam 3SDCM Service Life : L80 (12K) 72000h

#### CERTIFICATIONS

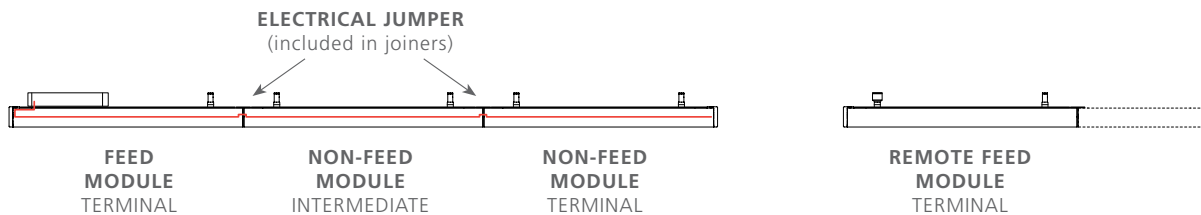
 suitable for damp locations.

### ELECTRICAL OPTIONS

Modules are available in two electrical options : **feed** and **non-feed**. **Feed** modules are powered by an external power supply and **non-feed** are fed by an adjoining module. You must have at least one feed module per system.

To configure a system with remote feed(s) you must choose: **remote feed** module(s), **non-feed** module(s) and remote driver(s).

**Each electrical circuit should not exceed 85W. See driver housing section for more information.**



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### LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

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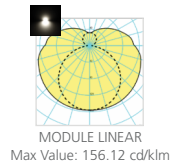
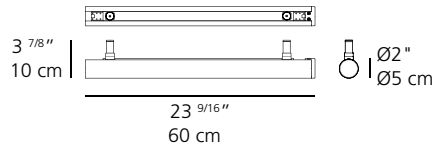
LSI

## ITEMS DETAILS

### 60 TERMINAL

POWER 11W

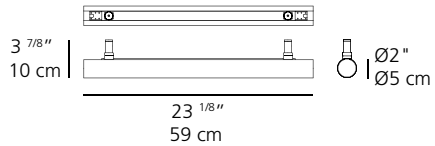
USE At the beginning or at the end of a system.



### 60 INTERMEDIATE

POWER 11W

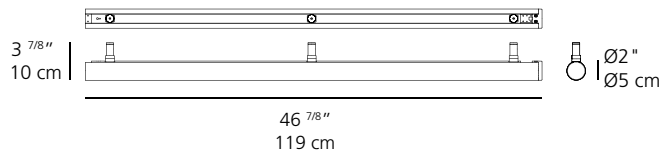
USE Between two modules in a system.



### 120 TERMINAL

POWER 22W

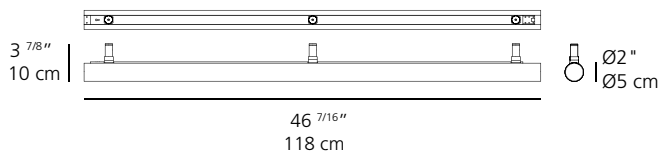
USE At the beginning or at the end of a system.



### 120 INTERMEDIATE

POWER 22W

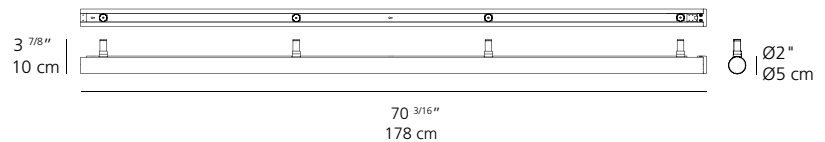
USE Between two modules in a system.



### 180 TERMINAL

POWER 33W

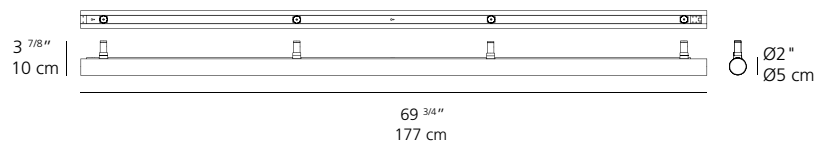
USE At the beginning or at the end of a system.



### 180 INTERMEDIATE

POWER 33W

USE Between two modules in a system.



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## LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

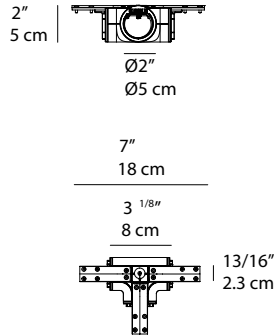
LSI

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## T JOINT

POWER 2W

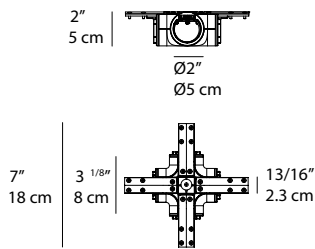
USE Suitable to connect to linear module only. Mechanical joiners included.



## X JOINT

POWER 2.4W

USE Suitable to connect to linear module only. Mechanical joiners included.



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**5 YEAR**  
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**dark light**

### LUMINAIRE CUT SHEET

PROJECT **Puyallup Library Teen Zone**  
DATE **January 26, 2024**  
PHASE **Permit Set**

**LS1**

This luminaire cut sheet is for information purposes only. Refer to final Luminaire Schedule for other acceptable manufacturers, specified features, finishes, lamping, etc.

### CURVE WALL / CEILING LIGHT MODULES

|               |   |
|---------------|---|
| TYPE          | 21 = module   |
| CONFIGURATION | 24 = 90° non-feed vertical UP<br>25 = 90° non-feed vertical DOWN<br>55 = 90° non-feed intermediate corner<br>42 = 45° feed terminal left<br>43 = 45° feed terminal right<br>44 = 45° feed intermediate<br>45 = 45° non-feed terminal left<br>46 = 45° non-feed terminal right<br>47 = 45° non-feed intermediate<br>65 = 45° remote feed terminal left<br>66 = 45° remote feed terminal right<br>67 = 45° remote feed intermediate<br>48 = 60° feed terminal left<br>49 = 60° feed terminal right<br>50 = 60° feed intermediate<br>51 = 60° non-feed terminal left<br>52 = 60° non-feed terminal right<br>53 = 60° non-feed intermediate<br>68 = 60° remote feed terminal feed<br>69 = 60° remote feed terminal right<br>70 = 60° remote feed intermediate |
| CCT           | 0 = 3000K<br>C = 3500K  |
| FAMILY        | 10A = AOL System  |

\* For custom requests, please consult factory.

### FEATURES

**MATERIALS** Body in anodized aluminum and illuminated tube in opal PMMA

**CONSTRUCTION** Curve modules are available in three sizes and angles, 45°, 60° and 90° UP, DOWN and horizontal. Electrical connection between two modules is made using an electrical jumper.

**INSTALLATION** Wall and ceiling surfaces only. Can be connected with linear modules 60, 120 and 180. **Curve 90° UP and DOWN can only be connected to another vertical 90° or a linear element.** Feed modules require external 24VDC power supply. Non-feed modules are fed by the adjoining module. Feed module can be used with a surface driver or a remote power supply. **For more information please refer to the driver box section.**

**OPTICS** Diffused Opal offers a bright and uniform lighting distribution running along the entire optic in a 360° angle.

**LED** The LED module is available in 3000K and 3500K. Color Tolerance : MacAdam 3SDCM Service Life : L80 (12K) 72000h

**CERTIFICATIONS**  suitable for damp locations.

### PHOTOMETRIC SUMMARY

Photometric data does not include driver

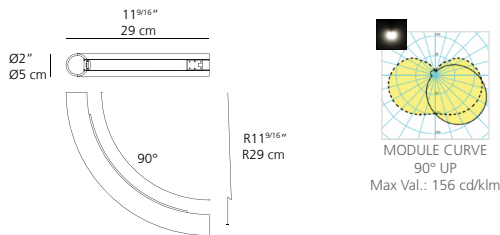
| MODULE & EMISSION | curve 45° |        | curve 60° |        | curve 90° UP |        | curve 90° DOWN |        | 90° intermediate corner |         |
|-------------------|-----------|--------|-----------|--------|--------------|--------|----------------|--------|-------------------------|---------|
| INPUT POWER       | 11 W      |        | 8 W       |        | 8 W          |        | 8 W            |        | 1.5 W                   |         |
| CRI               | 80        |        | 80        |        | 80           |        | 80             |        | 80                      |         |
| CCT               | 3000K     | 3500K  | 3000K     | 3500K  | 3000K        | 3500K  | 3000K          | 3500K  | 3000K                   | 3500K   |
| DELIVERED LUMENS  | 964lm     | 979lm  | 691lm     | 701lm  | 636lm        | 645lm  | 612lm          | 621lm  | 94lm                    | 96lm    |
| NOMINAL LUMENS    | 1225lm    | 1244lm | 903lm     | 917lm  | 903lm        | 917lm  | 903lm          | 917lm  | 160lm                   | 161lm   |
| EFFICACY (lm/W)   | 88lm/W    | 89lm/W | 86lm/W    | 88lm/W | 79lm/W       | 81lm/W | 76lm/W         | 78lm/W | 106lm/W                 | 108lm/W |
| EFFICIENCY (%)    | 79%       |        | 76%       |        | 70%          |        | 68%            |        | 59%                     |         |

### ITEMS DETAILS

#### 90° VERTICAL UP

POWER 8W

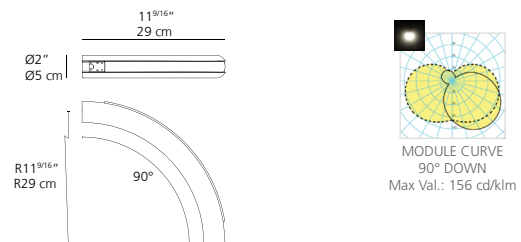
USE Between two modules in a system. **Can only be connected to another 90° or a linear element.**



#### 90° VERTICAL DOWN

POWER 8W

USE Between two modules in a system. **Can only be connected to another 90° or a linear element.**



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### LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

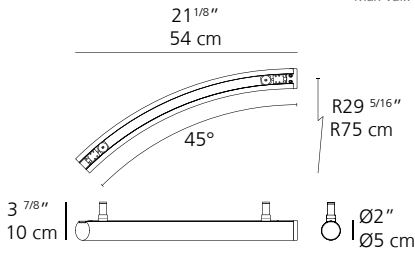
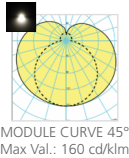


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### 45° TERMINAL LEFT

POWER 11W

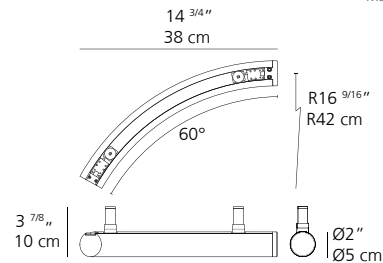
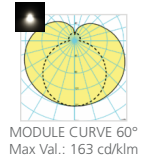
USE At the beginning or at the end of a system.



### 60° TERMINAL LEFT

POWER 8W

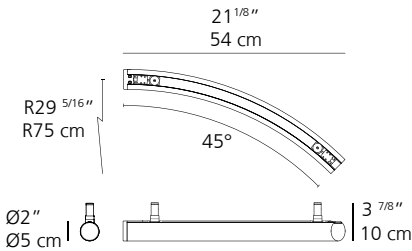
USE At the beginning or at the end of a system.



### 45° TERMINAL RIGHT

POWER 11W

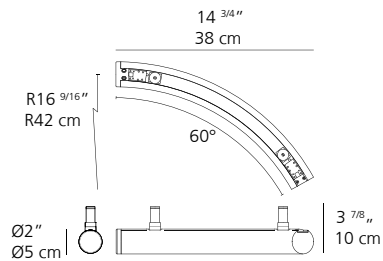
USE At the beginning or at the end of a system.



### 60° TERMINAL RIGHT

POWER 8W

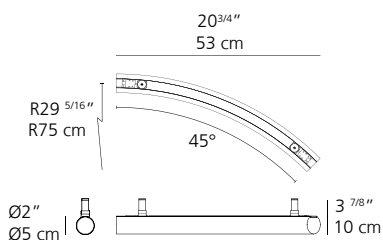
USE At the beginning or at the end of a system.



### 45° INTERMEDIATE

POWER 11W

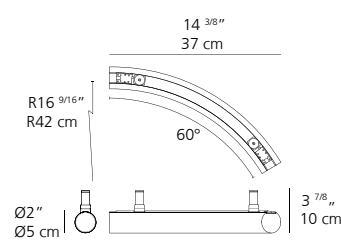
USE Between two modules in a system.



### 60° INTERMEDIATE

POWER 8W

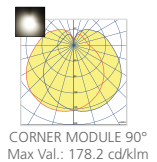
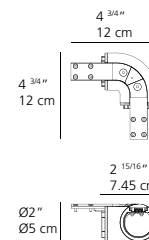
USE Between two modules in a system.



### 90° INTERMEDIATE CORNER

POWER 1.5W

USE Suitable to connect to linear module only. Mechanical joiners included.



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## LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

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# LS1

## JOINERS

To connect modules and create a complete system you need joiners. **The joiner's shape is determined by the previous and the next modules. Please be careful when ordering.** An electrical jumper is included with each joiner. During installation, it's possible to remove jumpers for a mechanical connection only.

|               |  |
|---------------|--|
| TYPE          | 22 = accessory   |
| CONFIGURATION | 500 = <b>JOINER 01</b> (linear to linear)<br>510 = <b>JOINER 02</b> (linear to curve 45° - J Shape)<br>520 = <b>JOINER 03</b> (linear to curve 45° - L Shape)<br>550 = <b>JOINER 04</b> (curve 45° to curve 45° - C Shape)<br>530 = <b>JOINER 05</b> (linear to curve 60° - J Shape)<br>540 = <b>JOINER 06</b> (linear to curve 60° - L Shape)<br>560 = <b>JOINER 07</b> (curve 60° to curve 60° - C Shape)<br>570 = <b>JOINER 08</b> (curve 60° to curve 45° - S Shape)<br>600 = <b>JOINER 09</b> (curve 45° to curve 60° - S Shape)<br>590 = <b>JOINER 10</b> (curve 60° to curve 60° - Z Shape)<br>610 = <b>JOINER 11</b> (curve 60° to curve 45° - C Shape)<br>620 = <b>JOINER 12</b> (curve 45° to curve 60° - C Shape)<br>630 = <b>JOINER 13</b> (90° down to 90° up)<br>640 = <b>JOINER 14</b> (linear to 90° up)<br>650 = <b>JOINER 15</b> (linear to 90° down)<br>580 = <b>JOINER 16</b> (curve 45° to curve 60° - S Shape)<br>690 = <b>JOINER 17</b> (curve 45° to curve 45° - Z Shape)<br>700 = <b>JOINER 18</b> (curve 60° to curve 60° - S Shape) |
| FAMILY        | 10A = AQL System   |

## FEATURES


**CONSTRUCTION** Molded polymer body painted silver with opal PMMA diffuser ring. All joiners are specific and fit perfectly between two modules.

**INSTALLATION** Mounted to the module by means of screws.

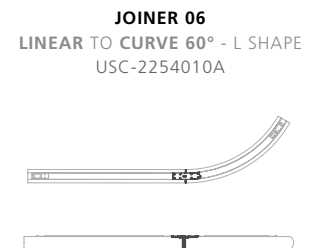
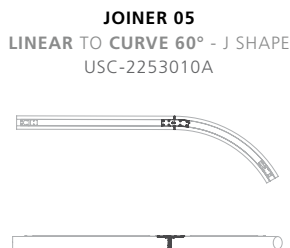
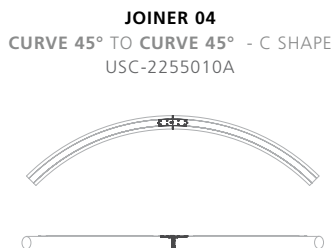
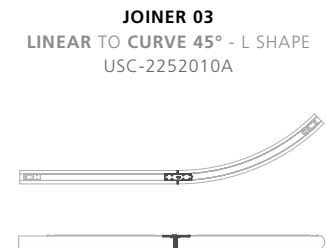
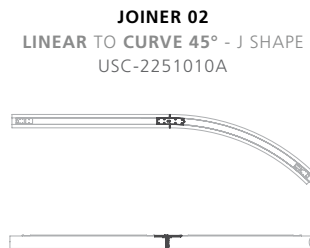
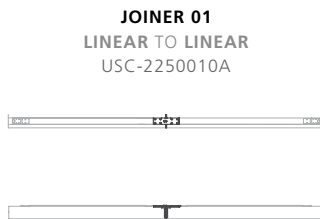
**Suspension mounting :** Ready to receive a suspension cable (sold separately).

**Wall / Ceiling mounting :** Ready to use.

## CERTIFICATIONS

 suitable for damp locations.

**ALL JOINERS HAVE A DIFFERENT SHAPE, BE CAREFUL TO ORDER THE ONE CORRESPONDING TO THE MODULES AND THE SHAPE REQUIRED FOR YOUR SYSTEM LAYOUT. FOLLOWING VIEWS ARE TOP VIEWS AND FRONT VIEWS.**



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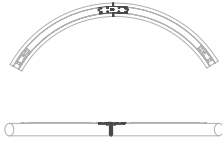
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 DATE January 26, 2024  
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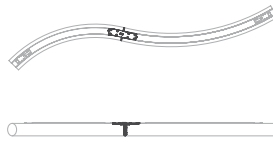
LS1



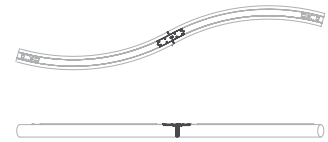
**JOINER 07**  
CURVE 60° TO CURVE 60° - C SHAPE  
USC-2256010A



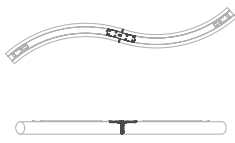
**JOINER 08**  
CURVE 60° TO CURVE 45° - Z SHAPE  
USC-2257010A



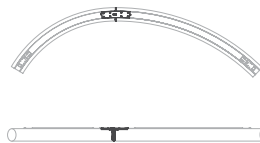
**JOINER 09**  
CURVE 45° TO CURVE 45° - S SHAPE  
USC-2260010A



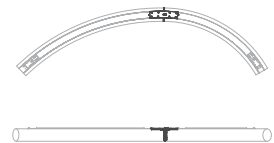
**JOINER 10**  
CURVE 60° TO CURVE 60° - Z SHAPE  
USC-2259010A



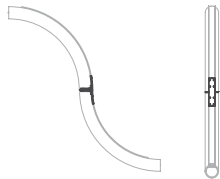
**JOINER 11**  
CURVE 60° TO CURVE 45° - C SHAPE  
USC-2261010A



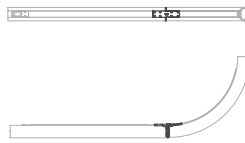
**JOINER 12**  
CURVE 45° TO CURVE 60° - C SHAPE  
USC-2262010A



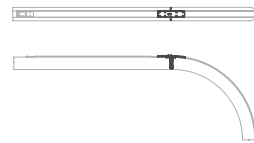
**JOINER 13**  
90° DOWN TO 90° UP  
USC-2263010A



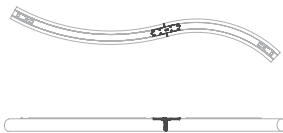
**JOINER 14**  
LINEAR TO 90° UP  
USC-2264010A



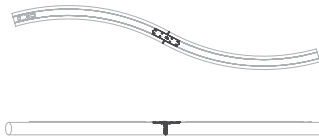
**JOINER 15**  
LINEAR TO 90° DOWN  
USC-2265010A



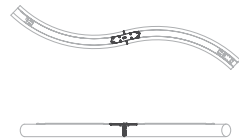
**JOINER 16**  
CURVE 45° TO CURVE 60° - S SHAPE  
USC-2258010A



**JOINER 17**  
CURVE 45° TO CURVE 45° - Z SHAPE  
USC-2269010A



**JOINER 18**  
CURVE 60° TO CURVE 60° - S SHAPE  
USC-2270010A



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## LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

LS1

This luminaire cut sheet is for information purposes only. Refer to final Luminaire Schedule for other acceptable manufacturers, specified features, finishes, lamping, etc.

### SUSPENSION CABLE KITS

For the suspension version, it's necessary to order suspension cables separately. The quantity is determined by the system. **Please follow table below to calculate the quantity needed for the system.** Suspension location in the example p.3.

|               |   |
|---------------|---|
| TYPE          | 22 = accessory  |
| CONFIGURATION | 660 = suspension cable                                    |
| FAMILY        | 10A = AOL System  |
| LENGTH CABLE  | Ø = 59" cable - 1.5m cable<br>EXT = 236" cable - 6m cable |

### FEATURES


#### CONSTRUCTION

Suspension cables are available in two lengths : 59" (1.5m) and 236" (6m).

#### INSTALLATION

Can be installed on suspension modules and joiners only. Tool less installation on modules and joiners.

#### CERTIFICATIONS

 suitable for damp locations.

### SUSPENSION CABLES NEEDED FOR LINEAR SUSPENSION MODULES

| 60 TERMINAL | 60 INTERMEDIATE | 120 TERMINAL | 120 INTERMEDIATE | 180 TERMINAL | 180 INTERMEDIATE |
|-------------|-----------------|--------------|------------------|--------------|------------------|
| 1 KIT       | N/A             | 1 KIT        | N/A              | 2 KITS       | 1 KIT            |

### NEEDED FOR JOINERS

| EACH JOINER | JOINER 13* |
|-------------|------------|
| 1 KIT       | N/A        |

\*No suspension can be installed in the joiner 13.

### NEEDED FOR CURVE SUSPENSION MODULES

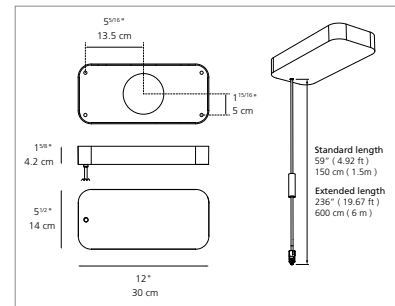
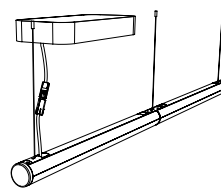
| 45° TERMINAL | 45° INTERMEDIATE | 60° TERMINAL | 60° INTERMEDIATE | 90° UP | 90° DOWN | 90° INTERMEDIATE CORNER |
|--------------|------------------|--------------|------------------|--------|----------|-------------------------|
| 1 KIT        | N/A              | 1 KIT        | N/A              | N/A    | N/A      | N/A                     |

### DRIVER HOUSINGS AND FEED CANOPY

Connection to light modules is done using quick connectors. The maximum number of modules on a driver is calculated from the Wattage table next page. **One driver housing can feed up to 85W.**

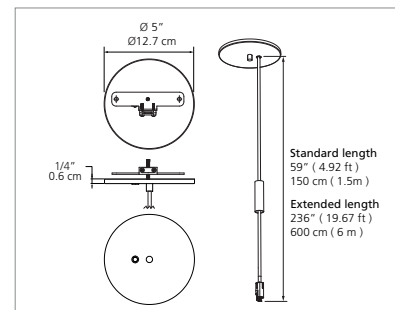
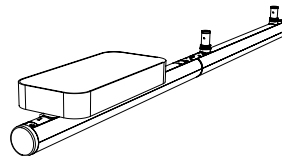
#### DRIVER HOUSING FOR SUSPENSION MODULES

|               |   |
|---------------|---|
| TYPE          | 22 = accessory  |
| CONFIGURATION | 670 = suspension white driver housing                                 |
| FAMILY        | 18A = AOL driver housings   |
| LENGTH CABLE  | (leave blank) = 59" cable - 1.5m cable<br>EXT = 236" cable - 6m cable |



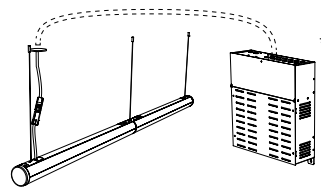
#### DRIVER HOUSING FOR WALL / CEILING MODULES

|               |   |
|---------------|---|
| TYPE          | 22 = accessory                            |
| CONFIGURATION | 680 = wall / ceiling white driver housing |
| FAMILY        | 18A = AOL driver housings                 |



#### REMOTE FEED CANOPY FOR AOL DRIVER ENCLOSURE FOR WALL / CEILING MODULES AND SUSPENSION

|               |   |
|---------------|---|
| TYPE          | 22 = accessory  |
| CONFIGURATION | 760 = suspension white canopy for remote feed                         |
| FAMILY        | 18A = AOL driver housings   |
| LENGTH CABLE  | (leave blank) = 59" cable - 1.5m cable<br>EXT = 236" cable - 6m cable |



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### LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

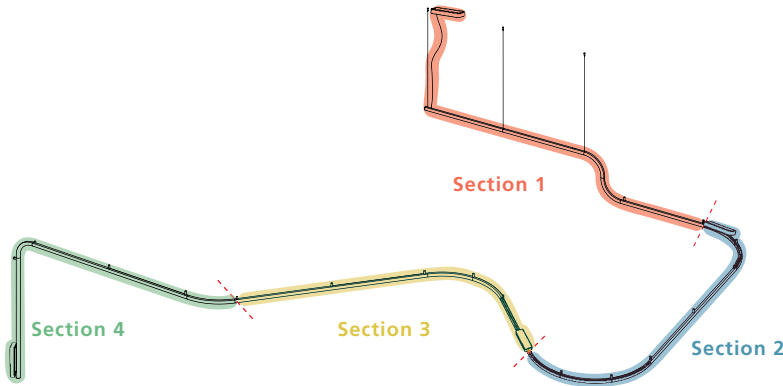
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# LSI

Before ordering driver housings you need to split the layout system in sections of **85W** or less. Follow the table and the example below. For more details about the composition of the example, see p.2.

**EXAMPLE OF WATTAGE SEPARATION IN A SYSTEM**

- Section 1** : linear 120 (22W) + linear 120 (22W) + curve 90° (8W) + curve 90° (8W) + linear 120 (22W) = **82W** < 85W
- Section 2** : cure 45°(11W) + cure 45° (11W) + linear 180 (33W) + curve 60° (8W) + curve 60° (8W) + curve 60° (8W) = **79W** < 85W
- Section 3** : linear 120 (22W) + cure 45° (11W) +cure 45° (11W) + linear 180 (33W) = **77W** < 85W
- Section 4** : curve 60° (8W) + linear 180 (33W) + curve 90° (8W) + linear 120 (22W) = **71W** < 85W

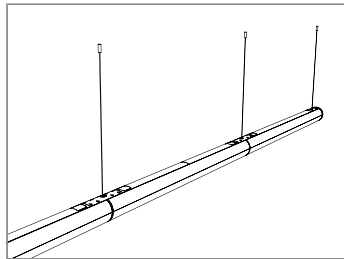


**WATTAGE PER MODULES**

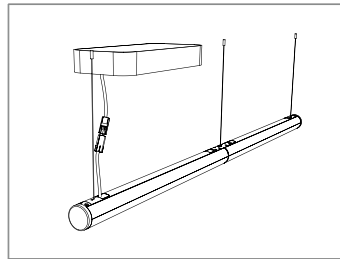
| LINEAR 60 | LINEAR 120 | LINEAR 180 | CURVE 45° | CURVE 60° | CURVE 90° |
|-----------|------------|------------|-----------|-----------|-----------|
| 11W       | 22W        | 33W        | 11W       | 8W        | 8W        |

**MODULES AND DRIVER HOUSING ALTERNATIVES**

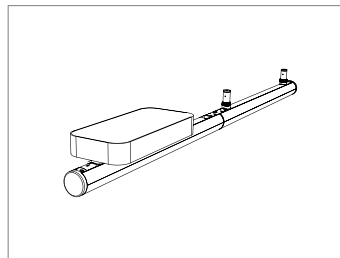
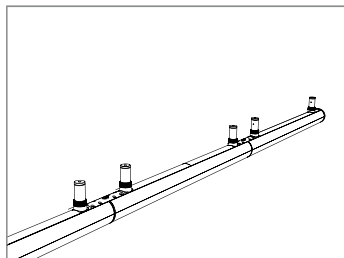
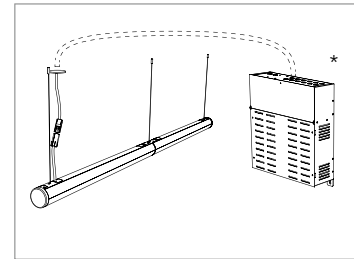
**IN THE MIDDLE OF A SECTION**  
Non-feed module + no driver



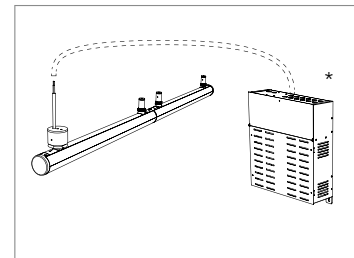
**LOCALLY FEEDING THE SECTION**  
Feed module + driver housing



**REMOTELTY FEEDING THE SECTION**  
Feed module + canopy for remote feed + AOL Driver Enclosure



Remote feed module + AOL Driver Enclosure



\*TO ORDER THE AOL DRIVER ENCLOSURE TO FEED MODULES REMOTELTY, PLEASE CONSULT THE AOL DRIVER ENCLOSURE SPECIFICATIONS SHEET.



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**LUMINAIRE CUT SHEET**

PROJECT **Puyallup Library Teen Zone**  
DATE **January 26, 2024**  
PHASE **Permit Set**

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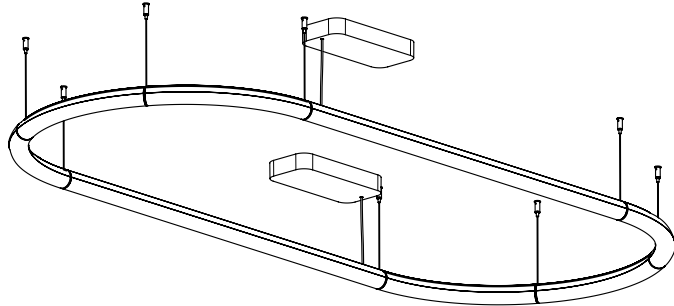
**LS1**

### PRE-CONFIGURATION

To help with ordering a basic configuration you can follow the examples below. For each example you can find the complete composition. To order one of these examples it's necessary to order all parts listed below.

Get more [Shop Drawings](#), [2D CAD](#) or [3D](#) on our website.

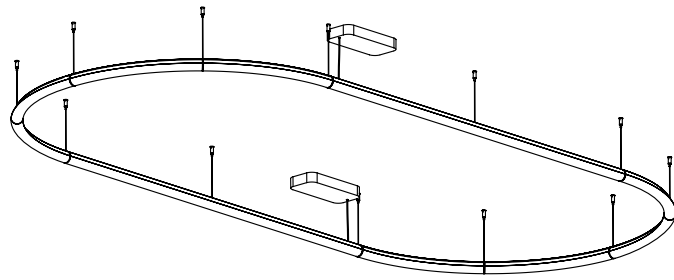
#### SUSPENSION OVAL 82IN X 35IN 30K



| CODE         | DESCRIPTION                                  | QTY |
|--------------|--|-----|
| USC-2105010A | 120 feed intermediate                        | 2   |
| USC-2123010A | 60° non-feed intermediate                    | 6   |
| USC-2253010A | JOINER 05 (linear to curve 60° - J Shape)    | 2   |
| USC-2254010A | JOINER 06 (linear to curve 60° - L Shape)    | 2   |
| USC-2256010A | JOINER 07 (curve 60° to curve 60° - C Shape) | 4   |
| USC-2267018A | driver housing for suspension modules        | 2   |
| USC-2266010A | suspension cable 59" - 1.5m                  | 8   |

TOTAL LOAD = 92W (does not include drivers)

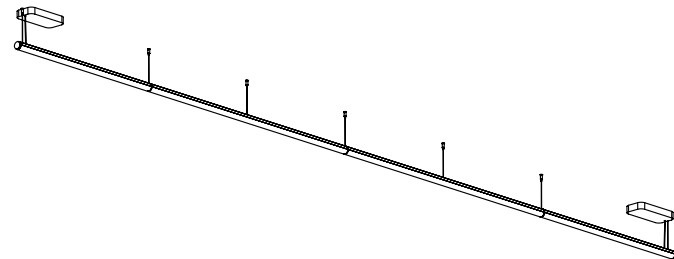
#### SUSPENSION OVAL 131IN X 61IN 30K



| CODE         | DESCRIPTION                                  | QTY |
|--------------|--|-----|
| USC-2109010A | 180 feed intermediate                        | 2   |
| USC-2117010A | 45° non-feed intermediate                    | 8   |
| USC-2251010A | JOINER 02 (linear to curve 45° - J Shape)    | 2   |
| USC-2252010A | JOINER 03 (linear to curve 45° - L Shape)    | 2   |
| USC-2255010A | JOINER 04 (curve 45° to curve 45° - C Shape) | 6   |
| USC-2267018A | driver housing for suspension modules        | 2   |
| USC-2266010A | suspension cable 59" - 1.5m                  | 12  |

TOTAL LOAD = 154W (does not include drivers)

#### SUSPENSION LINEAR 234IN 30K



| CODE         | DESCRIPTION                           | QTY |
|--------------|---------------------------------------|-----|
| USC-2104010A | 120 feed terminal                     | 2   |
| USC-2111010A | 180 non-feed intermediate             | 2   |
| USC-2250010A | JOINER 01 (linear to linear)          | 3   |
| USC-2267018A | driver housing for suspension modules | 2   |
| USC-2266010A | suspension cable 59" - 1.5m           | 7   |

TOTAL LOAD = 110W (does not include drivers)



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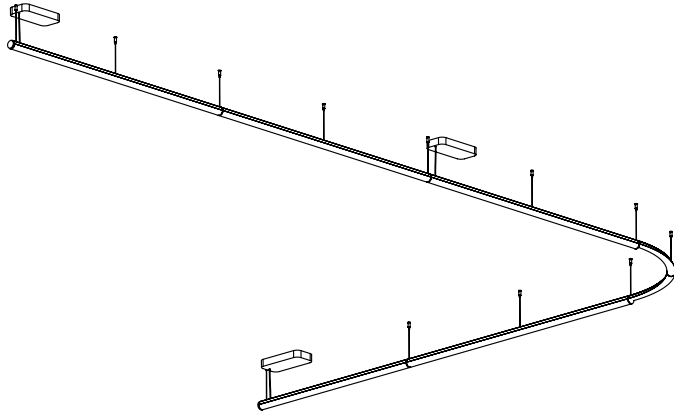
### LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

LS1

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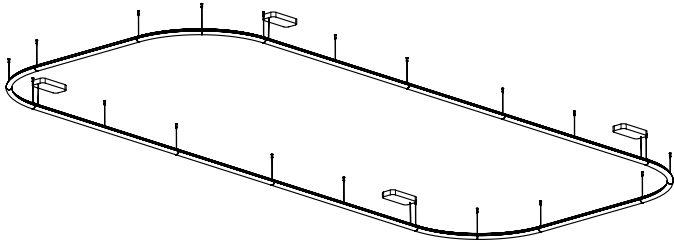
### SUSPENSION L-SHAPED 241IN X 147IN 30K



| CODE         | DESCRIPTION                                  | QTY |
|--------------|--|-----|
| USC-2104010A | 120 feed terminal                            | 1   |
| USC-2108010A | 180 feed terminal                            | 1   |
| USC-2111010A | 180 non-feed intermediate                    | 2   |
| USC-2109010A | 180 feed intermediate                        | 1   |
| USC-2117010A | 45° non-feed intermediate                    | 2   |
| USC-2250010A | JOINER 01 (linear to linear)                 | 3   |
| USC-2251010A | JOINER 02 (linear to curve 45° - J Shape)    | 1   |
| USC-2252010A | JOINER 03 (linear to curve 45° - L Shape)    | 1   |
| USC-2255010A | JOINER 04 (curve 45° to curve 45° - C Shape) | 1   |
| USC-2267018A | driver housing for suspension modules        | 3   |
| USC-2266010A | suspension cable 59" - 1.5m                  | 12  |

TOTAL LOAD = 176W (does not include drivers)

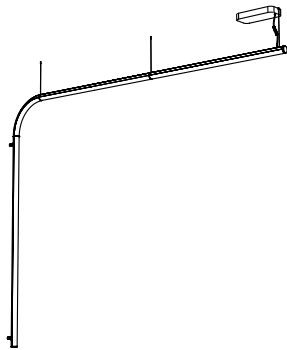
### SUSPENSION RECTANGLE 248IN X 108IN 30K



| CODE         | DESCRIPTION                                  | QTY |
|--------------|--|-----|
| USC-2107010A | 120 non-feed intermediate                    | 4   |
| USC-2109010A | 180 feed intermediate                        | 4   |
| USC-2117010A | 45° non-feed intermediate                    | 8   |
| USC-2250010A | JOINER 01 (linear to linear)                 | 4   |
| USC-2251010A | JOINER 02 (linear to curve 45° - J Shape)    | 4   |
| USC-2252010A | JOINER 03 (linear to curve 45° - L Shape)    | 4   |
| USC-2255010A | JOINER 04 (curve 45° to curve 45° - C Shape) | 4   |
| USC-2267018A | driver housing for suspension modules        | 4   |
| USC-2266010A | suspension cable 59" - 1.5m                  | 20  |

TOTAL LOAD = 308W (does not include drivers)

### WALL TO SUSPENSION DOWN 108IN X 83IN 30K



| CODE         | DESCRIPTION                           | QTY |
|--------------|---------------------------------------|-----|
| USC-2104010A | 120 feed terminal                     | 1   |
| USC-2107010A | 120 non-feed intermediate             | 1   |
| USC-2140010A | 180 non-feed terminal                 | 1   |
| USC-2125010A | 90° non-feed vertical DOWN            | 1   |
| USC-2250010A | JOINER 01 (linear to linear)          | 1   |
| USC-2265010A | JOINER 15 (linear to 90° down)        | 2   |
| USC-2267018A | driver housing for suspension modules | 1   |
| USC-2266010A | suspension cable 59" - 1.5m           | 3   |

TOTAL LOAD = 85W (does not include driver)



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## LUMINAIRE CUT SHEET

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DATE January 26, 2024  
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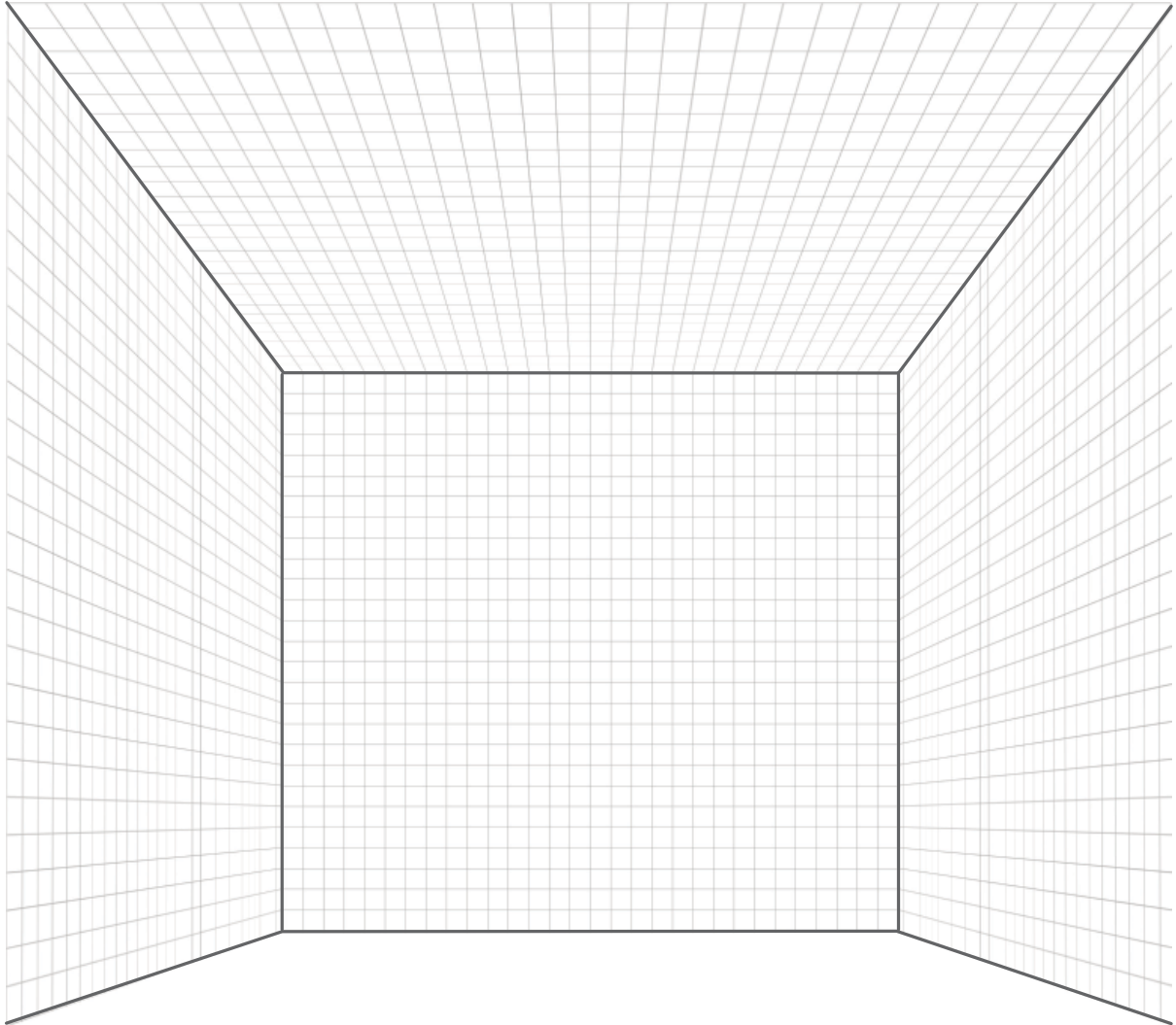
LS1

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Compose your system, by drawing it out below and design it on the [Alphabet of Light Configurator](#).

|              |  |
|--------------|--|
| Project Name |  |
| Description  |  |
| Type         |  |
| Notes        |  |

**PERSPECTIVE VIEW :** Draw your own configuration here.



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# LS1

TOP VIEW : Draw your own configuration here.



PLEASE REFER TO OUR ALPHABET OF LIGHT ONLINE CONFIGURATOR TO DESIGN A SYSTEM AND ORDER IT.



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# SLIM-FLAT (01) Linear Fixtures



Sleek and contemporary. SLIM's ultra-low profile design makes it a perfect fit for surface mount applications with limited space.

- High-quality aluminum housings are available in satin, black, and bronze finishes with clear or diffused lens options
- With a diffused lens, SLIM provides near diode-free results at full power
- Produces a wide 98° beam angle perfect for cove, recessed, under cabinet, surface mount, and millwork lighting applications
- Painted end caps combined with an extruded aluminum housing give this fixture a polished modern look
- A fully assembled fixture that is suitable for installation in the storage area of a clothes closet when using 4.0W/ft or less
- Available in Static White, Static White High Efficacy Plus, Static White Individually Addressable, Warm Dim, Dynamic White, Dynamic White High Efficacy, Static Color, RGB, and RGBW High Efficacy

## Part Number Builder

Static White



| Product  | W/FT                     | CCT                                    | Rated         | Efficiency      | Lens     | Input/Output | Connector/Wire In          | Connector/Wire Out         | Wire Color      | Wire Type  | Mounting | Finish         | Length* (in)   |  |
|--|--------------------------|--|---------------|-----------------|----------|--------------|----------------------------|----------------------------|-----------------|------------|----------|----------------|--|--|
| SL1SW  |                          |  |               | STD             |          |              |                            |                            |                 |            | SST      |                |  |  |
| Voltage: 24 VDC  | 1.5<br>3.0<br>4.0<br>5.0 | 20<br>22<br>24<br>27<br>30<br>35<br>40 | DRY<br>(IP20) | STD<br>Standard | CL<br>DF | S1<br>S2     | BW<br>BRL<br>CON6<br>CON24 | CLS                        | WH<br>BK<br>N/A | CL2<br>N/A | SST      | ST<br>BK<br>BZ | *Available in 1" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6". |  |
| Typical lumens at 5.0W/ft with CL lens at 3000K: 409 lm/ft |                          |  |               |                 |          | P1<br>P2     | BW<br>BRL<br>CON6<br>CON24 | BW<br>BRL<br>CON6<br>CON24 |                 |            |          |                |  |  |
|  | 1.5<br>3.0<br>4.0<br>5.0 | 24<br>27<br>30<br>35<br>40             | DMP<br>(IP54) |                 |          |              |                            |                            |                 |            |          |                |  |  |
|  | 1.5<br>3.0<br>4.0<br>5.0 | 20<br>22<br>24<br>27<br>30<br>35<br>40 | WET<br>(IP67) |                 |          | N/A          |                            |                            |                 |            |          |                |  |  |
|  |                          |  |               |                 |          |              |                            |                            |                 |            |          |                |  |  |
|  |                          |  |               |                 |          |              |                            |                            |                 |            |          |                |  |  |

## Static White High Efficacy Plus



| Product  | W/FT             | CCT                  | Rated         | Efficiency      | Lens     | Input/Output | Connector/Wire In          | Connector/Wire Out         | Wire Color | Wire Type | Mounting | Finish         | Length* (in)   |
|--|------------------|----------------------|---------------|-----------------|----------|--------------|----------------------------|----------------------------|------------|-----------|----------|----------------|--|
| SL1SW  |                  |                      | DRY           | STD             |          |              |                            |                            |            | CL2       | SST      |                |  |
| Voltage: 24 VDC  | 3.0HE+<br>6.0HE+ | 27<br>30<br>35<br>40 | DRY<br>(IP20) | STD<br>Standard | CL<br>DF | S1<br>S2     | BW<br>BRL<br>CON6<br>CON24 | CLS                        | WH<br>BK   | CL2       | SST      | ST<br>BK<br>BZ | Max continuous length:<br>3.0W - 196"<br>6.0W - 118" |
| Typical lumens at 6.0W/ft with CL lens at 3000K: 977 lm/ft |                  |                      |               |                 |          | P1<br>P2     | BW<br>BRL<br>CON6<br>CON24 | BW<br>BRL<br>CON6<br>CON24 |            |           |          |                |  |

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- **One Step, One Bin** based on 5W/ft

|   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• 5 year warranty</li> <li>• Field modifications void warranty</li> <li>• Data subject to change, all data has +/- 5% tolerance</li> </ul> | <ul style="list-style-type: none"> <li>• Compatible for use with Q-Tran power supplies</li> <li>• Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot</li> </ul> |
|---|---|



## LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
 DATE January 26, 2024  
 PHASE Permit Set

LS2

This luminaire cut sheet is for information purposes only. Refer to final Luminaire Schedule for other acceptable manufacturers, specified features, finishes, lamping, etc.



# SLIM-FLAT (01) Linear Fixtures



## Static White Individually Addressable



| Product         | W/FT | CCT                  | Rated      | Efficiency   | Lens     | Input/ Output            | Connector/ Wire In  | Connector/ Wire Out            | Wire Color | Wire Type | Mounting | Finish         | Length* (in) |
|-----------------|------|----------------------|------------|--------------|----------|--------------------------|---------------------|--------------------------------|------------|-----------|----------|----------------|--------------|
| SL11A           | 5.0  |                      | DRY        | STD          |          |                          |                     |                                |            | CL2       | SST      |                |              |
| Voltage: 24 VDC | 5.0  | 27<br>30<br>35<br>40 | DRY (IP20) | STD Standard | CL<br>DF | S1<br>S2<br><br>P1<br>P2 | BW<br>CON6<br>CON24 | CLS<br><br>BW<br>CON6<br>CON24 | WH<br>BK   | CL2       | SST      | ST<br>BK<br>BZ |              |

\*Available in 3.35" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

## Warm Dim



| Product         | W/FT | CCT            | Rated      | Efficiency   | Lens     | Input/ Output            | Connector/ Wire In         | Connector/ Wire Out                   | Wire Color      | Wire Type  | Mounting | Finish         | Length* (in) |
|-----------------|------|----------------|------------|--------------|----------|--------------------------|----------------------------|---------------------------------------|-----------------|------------|----------|----------------|--------------|
| SL1WD           | 6.0  |                | DRY        | STD          |          |                          |                            |                                       |                 |            | SST      |                |              |
| Voltage: 24 VDC | 6.0  | 19/27<br>19/30 | DRY (IP20) | STD Standard | CL<br>DF | S1<br>S2<br><br>P1<br>P2 | BW<br>BRL<br>CON6<br>CON24 | CLS<br><br>BW<br>BRL<br>CON6<br>CON24 | WH<br>BK<br>N/A | CL2<br>N/A | SST      | ST<br>BK<br>BZ |              |

\*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

## Dynamic White



| Product   | W/FT | CCT                         | Rated                        | Efficiency   | Lens     | Input/ Output            | Connector/ Wire In  | Connector/ Wire Out            | Wire Color | Wire Type | Mounting | Finish         | Length* (in) |
|---|------|-----------------------------|------------------------------|--------------|----------|--------------------------|---------------------|--------------------------------|------------|-----------|----------|----------------|--------------|
| SL1DW   | 6.0  |                             |                              | STD          |          |                          |                     |                                |            | CL2       | SST      |                |              |
| Voltage: 24 VDC<br>Typical lumens at 6.0W/ft with CL lens at 3000K: 235 lm/ft | 6.0  | 20/27<br>20/30<br><br>24/30 | DRY (IP20)<br><br>DMP (IP54) | STD Standard | CL<br>DF | S1<br>S2<br><br>P1<br>P2 | BW<br>CON6<br>CON24 | CLS<br><br>BW<br>CON6<br>CON24 | WH<br>BK   | CL2       | SST      | ST<br>BK<br>BZ |              |

\*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS

|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• 5 year warranty</li> <li>• Field modifications void warranty</li> </ul> | <ul style="list-style-type: none"> <li>• Data subject to change, all data has +/- 5% tolerance</li> <li>• Compatible for use with Q-Tran power supplies</li> </ul> |
|--|--|



### LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
 DATE January 26, 2024  
 PHASE Permit Set

LS2

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# SLIM-FLAT (01) Linear Fixtures



**Dynamic White High Efficacy**

NEC 410.2 and 410.16 Closest Rated in Efficacy | cUL US LISTED | R=HS COMPLIANT | 5 YEAR WARRANTY

| Product  | W/FT                         | CCT                              | Rated                | Efficiency             | Lens                   | Input/ Output          | Connector/ Wire In                       | Connector/ Wire Out                      | Wire Color             | Wire Type  | Mounting   | Finish                              | Length* (in) |
|--|------------------------------|----------------------------------|----------------------|------------------------|------------------------|------------------------|--|--|------------------------|------------|------------|-------------------------------------|--------------|
| <b>SL1DW</b>   |                              |                                  |                      | <b>STD</b>             |                        |                        |  |  |                        | <b>CL2</b> | <b>SST</b> |                                     |              |
| Voltage: 24 VDC  |                              | 20/27<br>20/30<br>27/40<br>27/55 | <b>DRY</b><br>(IP20) | <b>STD</b><br>Standard | <b>CL</b><br><b>DF</b> | <b>S1</b><br><b>S2</b> | <b>BW</b><br><b>CON6</b><br><b>CON24</b> | <b>CLS</b>                               | <b>WH</b><br><b>BK</b> | <b>CL2</b> | <b>SST</b> | <b>ST</b><br><b>BK</b><br><b>BZ</b> |              |
| Typical lumens at 5.0W/ft with CL lens at 3000K: 253 lm/ft | <b>3.0HE</b><br><b>5.0HE</b> | 24/30<br>27/40                   | <b>DMP</b><br>(IP54) |                        |                        | <b>P1</b><br><b>P2</b> | <b>BW</b><br><b>CON6</b><br><b>CON24</b> | <b>BW</b><br><b>CON6</b><br><b>CON24</b> |                        |            |            |                                     |              |

**Static Color**

cUL US LISTED | R=HS COMPLIANT | 5 YEAR WARRANTY | Certified with Red & Amber

| Product  | W/FT       | CCT  | Rated                | Efficiency             | Lens                   | Input/ Output          | Connector/ Wire In                                     | Connector/ Wire Out                                    | Wire Color                           | Wire Type                | Mounting   | Finish                              | Length* (in) |
|--|------------|--|----------------------|------------------------|------------------------|------------------------|--|--|--------------------------------------|--------------------------|------------|-------------------------------------|--------------|
| <b>SL1SC</b>   | <b>5.0</b> |  |                      | <b>STD</b>             |                        |                        |  |  |                                      |                          | <b>SST</b> |                                     |              |
| Voltage: 24 VDC  | <b>5.0</b> | <b>GR</b><br><b>BL</b><br><b>RD</b><br><b>AB</b> | <b>DRY</b><br>(IP20) | <b>STD</b><br>Standard | <b>CL</b><br><b>DF</b> | <b>S1</b><br><b>S2</b> | <b>BW</b><br><b>BRL</b><br><b>CON6</b><br><b>CON24</b> | <b>CLS</b>   | <b>WH</b><br><b>BK</b><br><b>N/A</b> | <b>CL2</b><br><b>N/A</b> | <b>SST</b> | <b>ST</b><br><b>BK</b><br><b>BZ</b> |              |
| Typical lumens at 5.0W/ft with CL lens in green: 507 lm/ft |            |  | <b>DMP</b><br>(IP54) |                        |                        | <b>P1</b><br><b>P2</b> | <b>BW</b><br><b>BRL</b><br><b>CON6</b><br><b>CON24</b> | <b>BW</b><br><b>BRL</b><br><b>CON6</b><br><b>CON24</b> |                                      |                          |            |                                     |              |

**RGB**

cUL US LISTED | R=HS COMPLIANT | 5 YEAR WARRANTY

| Product  | W/FT       | CCT        | Rated                | Efficiency             | Lens                   | Input/ Output          | Connector/ Wire In                       | Connector/ Wire Out                      | Wire Color             | Wire Type  | Mounting   | Finish                              | Length* (in) |
|--|------------|------------|----------------------|------------------------|------------------------|------------------------|--|--|------------------------|------------|------------|-------------------------------------|--------------|
| <b>SL1RGB</b>  | <b>6.0</b> | <b>RGB</b> |                      | <b>STD</b>             |                        |                        |  |  |                        | <b>CL2</b> | <b>SST</b> |                                     |              |
| Voltage: 24 VDC  | <b>6.0</b> | <b>RGB</b> | <b>DRY</b><br>(IP20) | <b>STD</b><br>Standard | <b>CL</b><br><b>DF</b> | <b>S1</b><br><b>S2</b> | <b>BW</b><br><b>CON6</b><br><b>CON24</b> | <b>CLS</b>                               | <b>WH</b><br><b>BK</b> | <b>CL2</b> | <b>SST</b> | <b>ST</b><br><b>BK</b><br><b>BZ</b> |              |
| Typical lumens at 6.0W/ft with CL lens in green: 182 lm/ft |            |            | <b>DMP</b><br>(IP54) |                        |                        | <b>P1</b><br><b>P2</b> | <b>BW</b><br><b>CON6</b><br><b>CON24</b> | <b>BW</b><br><b>CON6</b><br><b>CON24</b> |                        |            |            |                                     |              |

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Florida Fish and Wildlife Conservation Commission (FWC) rated Strips: DRY and WET rated, Red and Amber
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot



## LUMINAIRE CUT SHEET




PROJECT **Puyallup Library Teen Zone**  
 DATE **January 26, 2024**  
 PHASE **Permit Set**

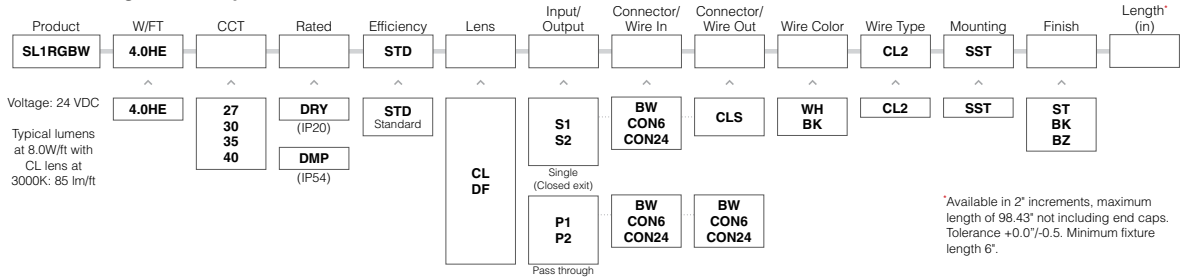
This luminaire cut sheet is for information purposes only. Refer to final Luminaire Schedule for other acceptable manufacturers, specified features, finishes, lamping, etc.

**LS2**

# SLIM-FLAT (01) Linear Fixtures



RGBW High Efficacy   



- BW comes in standard 24" - request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- Connector/Wire In or Out not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies



## LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
 DATE January 26, 2024  
 PHASE Permit Set

**LS2**

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# SLIM-FLAT (01) Linear Fixtures



## Technical Information

**Static White** [Calculated L70 = 70000 hrs]  
Tested with SL1SW-\*\*-30-DRY-STD

|    | 1.5W/FT | 3.0W/FT | 4.0W/FT | 5.0W/FT |
|----|---------|---------|---------|---------|
|    | LM/FT   | LM/FT   | LM/FT   | LM/FT   |
| CL | 155     | 270     | 336     | 409     |
| DF | 129     | 225     | 280     | 341     |

## Static White High Efficacy Plus

[Calculated L70 = 50000 hrs]  
Tested with SL1SW-\*\*-30-DRY-STD

|    | 3.0HE+W/FT | 6.0HE+W/FT |
|----|------------|------------|
|    | LM/FT      | LM/FT      |
| CL | 528        | 977        |
| DF | 440        | 814        |

**Dynamic White** [Calculated L70 = 70000 hrs]  
Tested with SL1DW-\*\*-30-DRY-STD

|    | 3000K |
|----|-------|
|    | LM/FT |
| CL | 235   |
| DF | 196   |

**Dynamic White High Efficacy** [Calculated L70 = 70000 hrs]  
Tested with SL1DW-\*\*-30-DRY-STD

|    | 3.0W/FT | 5.0W/FT |
|----|---------|---------|
|    | LM/FT   | LM/FT   |
| CL | 160     | 253     |
| DF | 134     | 211     |

**Static Color** [Calculated L70 = 30000 hrs]  
Tested with SL1SC-5.0-\*\*-DRY-STD

|    | Red   | Green | Blue  | Amber |
|----|-------|-------|-------|-------|
|    | LM/FT | LM/FT | LM/FT | LM/FT |
| CL | 94    | 507   | 131   | 85    |
| DF | 78    | 422   | 110   | 71    |

**RGB** [Calculated L70 = 55000 hrs]  
Tested with SL1RGB-6.0-RGB-DRY-STD

|    | Red   | Green | Blue  |
|----|-------|-------|-------|
|    | LM/FT | LM/FT | LM/FT |
| CL | 90    | 182   | 51    |
| DF | 75    | 152   | 43    |

**RGBW High Efficacy** [Calculated L70 = 70000 hrs]  
Tested with SL1RGBW-4.0HE-30-DRY-STD

|    | Red   | Green | Blue  | 3000K |
|----|-------|-------|-------|-------|
|    | LM/FT | LM/FT | LM/FT | LM/FT |
| CL | 36    | 138   | 30    | 85    |
| DF | 30    | 115   | 25    | 71    |

## Temperature Ratings

Dependent on LED Strip W/FT

| Light Engine (LED Strip) | W/FT | Minimum Limit (°F) | Maximum Limit (°F) |
|--------------------------|------|--------------------|--------------------|
| Static White             | 1.5  | -40                | 138                |
|                          | 3.0  | -40                | 124                |
|                          | 4.0  | -40                | 115                |
|                          | 5.0  | -40                | 108                |



## LUMINAIRE CUT SHEET

PROJECT Puyallup Library Teen Zone  
DATE January 26, 2024  
PHASE Permit Set

LS2

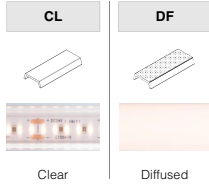
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# SLIM-FLAT (01) Linear Fixtures



## Lens

with LED visibility

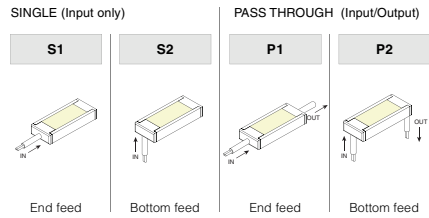


## Mounting

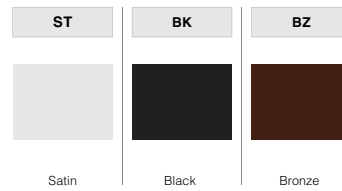
2 clips provided for 4' or less; 4 clips provided for greater than 4'



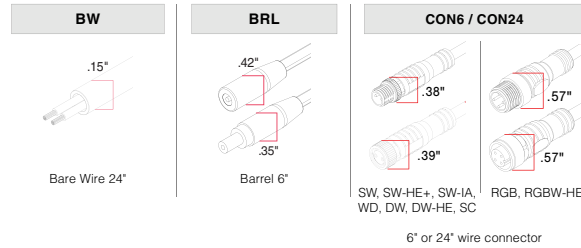
## Type



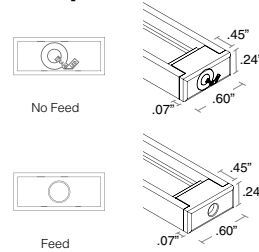
## Finish



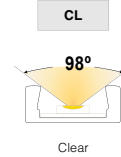
## Connector/Wire – In/Out



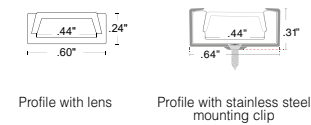
## End Caps



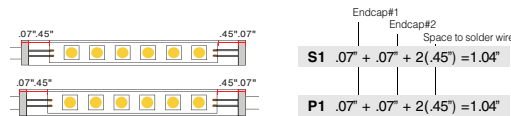
## Cut Off



## Dimensions



## Length (in) Add to nominal LED length for fixture length



## LUMINAIRE CUT SHEET

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DATE January 26, 2024  
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