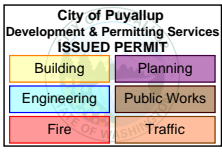



LIGHTING COMPLIANCE SUMMARY

2018 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

THE APPROVED CONSTRUCTION PLANS, DOCUMENTS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

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Project & Applicant Information 	Project Title	Red Dot - 2018 WSEC	For Building Department Use		Date: Jul 18, 2022
	Project Address	2504 East Main Avenue Puyallup, WA 98372			
	Applicant Name	Angel Grohall			
	Applicant Phone	253-872-1905			
	Applicant Email	angelg@olsenelectric.net			

FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITEE ON SITE FOR INSPECTION

For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

General Occupancy	All Commercial	General Building Use Type	Warehouse, Distribution	Building Cond. Floor Area	200,689	
General Project Types	Tenant Spaces – First Build Out	New Building or Addition Lighting Scope	Interior Lighting	Project Cond. Floor Area	200,689	
			Exterior Lighting		Floors Above Grade	0
			Alteration Lighting Scope		Compliance Method	Compliance Method 1 - General
Lighting Project Description						

Lighting Compliance Scope and Method	Project Type	Interior / Exterior (Interior includes both interior & parking)	Luminaire Replacement Scope	Compliance Method	LPA Calculation Adjustment	Compliance Verification
	Tenant Spaces – First Build Out	Interior Lighting		Building area	No Calculation Adjustments selected	COMPLIES
	Tenant Spaces – First Build Out	Exterior Lighting			Not applicable to exterior	COMPLIES
Additional Efficiency Options Included						

Project Title	Red Dot - 2018 WSEC	Date	Jul 18, 2022	
Lighting Power Calculation	TENANT SPACES – FIRST BUILD OUT - INTERIOR LIGHTING		Compliance Verification	COMPLIES
Compliance Method	Building area	LPA Calculation Adjustment	none	

Interior Lighting Power Allowance - Building Area					
Building Areas	Gross Interior Area (SF)	LPA (Watts/SF)	Total Watts Allowed (SF x LPA x 1)	Total Proposed Watts By Building Area	Compliance Status by Building Area
Manufacturing facility	186,291	0.82	152,759	46,085	COMPLIES
Office	9,126	0.64	5,841	3,679	COMPLIES

Proposed Lighting Power Density								
Fixture Type/Application	Fixture ID	Building Area	New or Existing-to-Remain	Quantity of Fixtures, CLDs or Luminaires (#F)	Watts per Fixture, CLD or Luminaire (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixtures								
Horizontal surface-mount	4SLES-2-T8-1G-B8XX-U	Office	New	8	19			155
Troffer	BLT2x2 ALO12SWW7	Office	New	2	25			51
Troffer	BLT2x4 ALO12SWW7	Office	New	60	29			1,740
Troffer	BLT2x4 ALO12SWW7	Office	New	14	29			399
Troffer	BLT2x4 ALO12SWW7	Office	New	46	29			1,334
Suspended	VHB-24-W-Universal-L840-CD-U	Manufacturing facility	Existing	50	174			8,705
Suspended	LHB-36-UNV-L840-CD-MS-U	Manufacturing facility	New	140	267			37,380

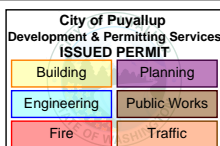
Project Title	Red Dot - 2018 WSEC	Date	Jul 18, 2022
Proposed Fixtures Details	TENANT SPACES – FIRST BUILD OUT - INTERIOR LIGHTING		

Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Building Area	Existing-to-Remain
Individual Fixtures					
Horizontal surface-mount	4SLES-2-T8-1G-B8XX-U	Warehouse bathroom	LED	Office	New
Fixture Description: 1x4 surface mounted strip light				Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required					
Troffer	BLT2x2 ALO12SWW7	1st floor office	LED	Office	New
Fixture Description: 2x2 Led Troffer				Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required					
Troffer	BLT2x4 ALO12SWW7	2nd floor mezzanine - new	LED	Office	New
Fixture Description: 2x4 troffer				Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required					
Troffer	BLT2x4 ALO12SWW7	warehouse breakroom	LED	Office	New
Fixture Description: 2x4 troffer				Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required					
Troffer	BLT2x4 ALO12SWW7	1st floor office - new	LED	Office	New
Fixture Description: 2x4 troffer				Are these fixtures located within a daylight zone?: Yes, controls provided	
Daylight zone location(s): Both sidelit and toplit daylight zones				Dimming method:	
Do these fixtures require specific application lighting controls?: None required					
Suspended	VHB-24-W-Universal-L840-CD-U	Manufacturing	LED	Manufacturing facility	Existing
Fixture Description: LED high bay				Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, independently controlled					
Suspended	LHB-36-UNV-L840-CD-MS-U	Manufacturing	LED	Manufacturing facility	New
Fixture Description: LED high bay				Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, independently controlled					

Project Title	Red Dot - 2018 WSEC	Date	Jul 18, 2022
Lighting Power Calculation	TENANT SPACES – FIRST BUILD OUT - EXTERIOR LIGHTING	Compliance Verification	COMPLIES
Exterior Lighting Zone	ZONE 4	Base Site Allowance	900

Exterior Tradable Lighting Power Allowance								
Tradable Surface	Tradable Surface Sub-Type	Surface Area (SF)	LPA (Watts/SF)	Linear Feet (LF)	LPA (Watts/LF)	Total Watts Allowed (LPA x SF) or (LPA x LF)	Total Tradable Proposed Watts	Tradable Compliance Status
Building grounds	Walkways < 10 feet wide			2,080	0.70	1,456		
Uncovered parking areas and drives		45,000	0.08			3,600		
Base Site Allowance						900		
Totals						5,956	3,342	COMPLIES

Proposed Tradable Lighting Power Density							
Fixture Type	Fixture ID	Tradable Surface Type	Quantity of Fixtures (#F)	Watts or Wattage Limit per Fixture (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixtures							
Pole-mounted	DSX1 LED P3 40K T3M MVOLT SPA DDBXD	Uncovered parking areas and drives -	10	102			1,020
Wall-mounted	DSX1 LED P140K T3M MVOLT	Building grounds - Walkways < 10 feet wide	3	54			162
Wall-mounted	DSXW1 LED 20c 700 50k T3M MVOLT	Building grounds - Walkways < 10 feet wide	20	108			2,160
Tradable Proposed Total							3342



Approval of submitted plans is not an approval of omissions or oversights by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.