

## LIGHTING COMPLIANCE SUMMARY

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

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<b>Project &amp; Applicant Information</b>	<b>Project Title</b>	PSE Operational Training Center - Control House - 2018 WSEC		For Building Department Use:	 <b>PRCNC20240216</b>	<b>Date: Nov 01, 2023</b>
	<b>Project Address</b>	325 Todd Road NW Puyallup, WA 98371				
	<b>Applicant Name</b>	Matt Reeves				
	<b>Applicant Phone</b>	360-734-4744				
	<b>Applicant Email</b>	matt@zervasgroup.com				

Full-Size legible color report is required to be provided by the Permittee on site for all Inspections

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

<b>General Occupancy</b>	All Commercial		<b>General Building Use Type</b>	Education, Vocational	<b>Building Cond. Floor Area</b>	332
<b>General Project Types</b>	New Building	<b>New Building or Addition Lighting Scope</b>	Interior Lighting Exterior Lighting	<b>Alteration Lighting Scope</b>	<b>Project Cond. Floor Area</b>	332
					<b>Floors Above Grade</b>	1
					<b>Compliance Method</b>	Compliance Method 1 - General
<b>Lighting Project Description</b>	NEW LED FIXTURES					

Lighting Compliance Scope and Method	Project Type	Interior / Exterior (Interior includes both interior & parking)	Luminaire Replacement Scope	Compliance Method	LPA Calculation Adjustment	Compliance Verification
	New Building	Interior Lighting		Building area	No Calculation Adjustments selected	<b>COMPLIES</b>
	New Building	Exterior Lighting			Not applicable to exterior	<b>COMPLIES</b>

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<b>Lighting Power Calculation</b>	NEW BUILDING - INTERIOR LIGHTING			<b>Compliance Verification</b>	<b>COMPLIES</b>	
<b>Compliance Method</b>	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
School/university	332	0.70	232	193	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)
<b>Individual Fixtures</b>								
Other fixture type	SL1	School/university	New	6	32			193

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<b>Proposed Fixtures Details</b>	NEW BUILDING - INTERIOR LIGHTING					
Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Building Area	New or Existing-to-Remain	
<b>Individual Fixtures</b>						
Other fixture type	SL1	E1.01	LED	School/university	New	
	Fixture Description: LINEAR LED STRIPLIGHT			Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?: None required					

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<b>Lighting Power Calculation</b>	<b>NEW BUILDING - EXTERIOR LIGHTING</b>	<b>Compliance Verification</b>	<b>COMPLIES</b>
Exterior Lighting Zone	ZONE 2	Base Site Allowance	400

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 and wider	100	0.10			10		
Base Site Allowance						400		
<b>Totals</b>						410	70	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)
<b>Individual Fixtures</b>							
Wall-mounted	WL1	Building grounds - Walkways 10 feet and wider	2	35			70
<b>Tradable Proposed Total</b>							<b>70</b>