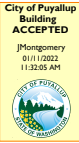


LIGHTING COMPLIANCE SUMMARY

B-21-0727CITY OF PUYALLUP

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

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 Project & Applicant Information	Project Title	CASCADE CHRISTIAN PHASE 3 - 2018 WSEC	For Building Department Use: THE APPROVED CONSTRUCTION PLANS, DOCUMENTS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION. FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITEE ON SITE FOR INSPECTION	Date: Dec 15, 2021
	Project Address	815 21ST ST SE PUYALLUP, WA 98372		
	Applicant Name	suzy fontaine		
	Applicant Phone	253-202-2555		
	Applicant Email	suzyf@boonenw.com		
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	Education, Primary (Elem/Mid)	Building Cond. Floor Area	22,434	
General Project Types	Building Addition	New Building or Addition Lighting Scope	Interior Lighting	Project Cond. Floor Area	7,061	
			Exterior Lighting		Floors Above Grade	2
			Alteration Lighting Scope		Compliance Method	Compliance Method 1 - General
Lighting Project Description	LIGHTING IN HALLS AND CLASSROOMS					

Lighting Compliance Scope and Method	Project Type	Interior / Exterior (Interior includes both interior & parking)	Luminaire Replacement Scope	Compliance Method	LPA Calculation Adjustment	Compliance Verification
	Building Addition	Interior Lighting		Building area	No Calculation Adjustments selected	COMPLIES
	Building Addition	Exterior Lighting			Not applicable to exterior	COMPLIES
Additional Efficiency Options Included	Reduced lighting power density credit					

Project Title	CASCADE CHRISTIAN PHASE 3 - 2018 WSEC	Date	Dec 15, 2021	
Lighting Power Calculation	BUILDING ADDITION - 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
School/university	10,700	0.70	7,490	3,500	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								
Troffer	2X4	School/university	New	66	37			2,442
Troffer	2X2	School/university	New	30	33			990
Wall-mounted	STAIR	School/university	New	2	34			68

Project Title	CASCADE CHRISTIAN PHASE 3 - 2018 WSEC	Date	Dec 15, 2021		
Proposed Fixtures Details	BUILDING ADDITION - INTERIOR LIGHTING				
Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Building Area	New or Existing-to-Remain
Individual Fixtures					
Troffer	2X4	ALL	LED	School/university	New
	Fixture Description: 2X4			Are these fixtures located within a daylight zone?: Yes, controls provided	

	Daylight zone location(s): Sidelit daylight zones (primary and/or secondary)			Dimming method: Continuous dimming	
	Do these fixtures require specific application lighting controls?: None required				
Troffer	2X2	ALL	LED	School/university	New
	Fixture Description: 2X2			Are these fixtures located within a daylight zone?: Yes, controls provided	
	Daylight zone location(s): Sidelit daylight zones (primary and/or secondary)			Dimming method: Continuous dimming	
	Do these fixtures require specific application lighting controls?: None required				
Wall-mounted	STAIR	ALL	LED	School/university	New
	Fixture Description: STAIR			Are these fixtures located within a daylight zone?: Yes, controls provided	
	Daylight zone location(s): Sidelit daylight zones (primary and/or secondary)			Dimming method: Continuous dimming	
	Do these fixtures require specific application lighting controls?: None required				

Project Title	CASCADE CHRISTIAN PHASE 3 - 2018 WSEC			Date	Dec 15, 2021
Lighting Power Calculation	BUILDING ADDITION - EXTERIOR LIGHTING			Compliance Verification	COMPLIES
Exterior Lighting Zone	ZONE 3		Base Site Allowance	500	

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	13,495	0.11			1,485		
Building entrances and exits	Entry canopies	654	0.40			262		
Base Site Allowance						500		
Totals						2,246	250	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							
Canopy	L8	Building entrances and exits - Entry canopies	13	10			130
Wall-mounted	EXTERIOR WALL LIGHT	Building grounds - Walkways 10 feet and wider	3	40			120
Tradable Proposed Total							250

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