

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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Project & Applicant Information	Project Title	TacotimeNW Puyallup - 2018 WSEC	For Building Department Use:	Date: Sep 11, 2023	
	Project Address	1115 East Main Avenue Puyallup, WA 98372			
	Applicant Name	Scott Gore	This Lighting Summary differs from the Lighting Summary attached to the plan set. Please confirm which is correct and revise the documents as needed to match [Taco Time Main Puyallup - Building Permit - Lighting Compliance Summary]		
	Applicant Phone	425-301-6208			
	Applicant Email	Scott@CaseEng.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	Dining, Fast Food	Building Cond. Floor Area	2,975
General Project Types	New Building	New Building or Addition Lighting Scope	Interior Lighting Exterior Lighting	Alteration Lighting Scope	Project Cond. Floor Area	2,975
					Floors Above Grade	1
					Compliance Method	Compliance Method 1 - General
Lighting Project Description	New Tacotime store					

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		Space by space	No Calculation Adjustments selected	COMPLIES
	New Building	Exterior Lighting			Not applicable to exterior	COMPLIES
Additional Efficiency Options Included						

Project Title	TacotimeNW Puyallup - 2018 WSEC	Date	Sep 11, 2023	
Lighting Power Calculation	NEW BUILDING - INTERIOR LIGHTING		Compliance Verification	COMPLIES
Compliance Method	Space by space	LPA Calculation Adjustment	none	

Interior Lighting Power Allowance - Space by Space							
General Space Type	Specific Space Type	Ceiling Height (Ft)	Gross Interior Area (SF)	LPA (Watts/SF)	Total Watts Allowed (SF x LPA x 1)	Total Proposed Watts (LPD + Display LPD)	Compliance Status
Corridors	General		490	0.41	201		
Dining area	Family dining		1,021	0.60	613		
Food preparation			903	1.09	984		
Office	Enclosed less than 250 sf		36	0.74	27		
Restroom	General		180	0.63	113		
Storage room	General		146	0.38	56		
Retail	General sales		183	1.05	192		
Proposed Total LPD						1655	
Totals					2,186	1,655	COMPLIES

Proposed Lighting Power Density						
Fixture Type	Fixture ID	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						
Decorative	F7	6	3			18
Direct / indirect pendant	F1	11	47			517
Horizontal surface-mount	F11	1	32			32
Troffer	F2	6	75			450

Recessed downlight	F3	14	14		196
Recessed downlight	F4	9	18		162
Suspended	F5	8	35		280
Proposed Total LPD					1655

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Proposed Fixtures Details	NEW BUILDING - INTERIOR LIGHTING
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Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	New or Existing-to-Remain
Individual Fixtures				
Decorative	F7	E3.1	LED	New
Fixture Description: Decorative pendant			Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required				
Direct / indirect pendant	F1	E3.1	LED	New
Fixture Description: 2x4 troffer			Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required				
Horizontal surface-mount	F11	E3.1	LED	New
Fixture Description: Surface mount			Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required				
Troffer	F2	E3.1	LED	New
Fixture Description: Linear troffer			Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required				
Recessed downlight	F3	E3.1	LED	New
Fixture Description: 6" Downlight			Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required				
Recessed downlight	F4	E3.1	LED	New
Fixture Description: Decorative Downlight			Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required				
Suspended	F5	E3.1	LED	New
Fixture Description: HighBay Pendant			Are these fixtures located within a daylight zone?: No	
Do these fixtures require specific application lighting controls?: None required				

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Lighting Power Calculation	NEW BUILDING - EXTERIOR LIGHTING	Compliance Verification	COMPLIES
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Exterior Lighting Zone	ZONE 3	Base Site Allowance	500
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Exterior Tradable Lighting Power Allowance								
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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			240	0.60	144		
Uncovered parking areas and drives		43,720	0.06			2,623		
Base Site Allowance						500		
Totals						3,267	1,217	COMPLIES

Proposed Tradable Lighting Power Density							
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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)
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Individual Fixtures						
Pole top-mounted	FE2	Uncovered parking areas and drives -	1	59		59
Pole top-mounted	FE1	Uncovered parking areas and drives -	2	59		118
Pole top-mounted	FE3	Uncovered parking areas and drives -	4	236		944
Wall-mounted	F6	Building grounds - Walkways < 10 feet wide	6	10		60
Wall-mounted	F9	Building grounds - Walkways < 10 feet wide	4	9		36
Tradable Proposed Total						1217