

LIGHTING COMPLIANCE SUMMARY

2021 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	Wienerschnitzel - South Hill Walmart - 2021 WSEC		For Building Department Use:	Date: May 19, 2025
	Project Address	310 31st Ave SE Puyallup, WA 98374			
	Applicant Name	Maris Avots			
	Applicant Phone	206-240-5308			
	Applicant Email	maris@ronhovdearchitects.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, Restaurant	Building Cond. Floor Area	1,700
General Project Types	Alteration	New Building or Addition Lighting Scope		Alteration Lighting Scope	Interior Lighting	Project Cond. Floor Area	1,700
						Floors Above Grade	1
						Compliance Method	General Prescriptive
Lighting Project Description	INTERIOR ALTERATION: CONVERT VACANT FAST FOOD RESTAURANT SPACE TO WIENERSCHNITZEL RESTAURANT. MINOR WALL CHANGES AND NEW CEILING. PROVIDE NEW KITCHEN EQUIPMENT, FIXTURES, FINISHES AND DINING FURNITURE. NO CHANGES TO BUILDING ENVELOPE.						

Lighting Compliance Scope and Method	Project Type	Interior / Exterior (Interior includes both interior & parking)	Luminaire Replacement Scope	Compliance Method	LPA Calculation Adjustment	Compliance Verification
	Alteration	Interior Lighting	20% or more replaced	Space by space	No Calculation Adjustments allowed	COMPLIES
Additional Energy Efficiency (AEC) Measures Included	Reduced lighting power density - 20% lower than LPA		Load Management (LDM) Measures Included		No lighting or electrical load management measures included in project	

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Lighting Power Calculation		ALTERATION - INTERIOR LIGHTING (20% or more replaced)			Compliance Verification	
Compliance Method		Space by space		LPA Calculation Adjustment		none

Interior Lighting Power Allowance - Space by Space						
General Space Type	Specific Space Type		Gross Interior Area (SF)	LPA (Watts/SF)	Total Watts Allowed (SF x LPA x 1)	Total Proposed Watts (LPD + Display LPD)
Dining area	Bar/lounge/leisure dining		782	0.86	673	
Food preparation			149	1.09	162	
Proposed Total LPD					649	
Totals				835	649	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						
Direct / indirect pendant	PL-2	3	23			69
Direct / indirect pendant	PL-1	8	17			136
Direct / indirect pendant	DL-2	14	12			168
Horizontal surface-mount	CPL-1	8	3			24
Recessed downlight	DL1	12	21			252
Proposed Total LPD						649

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Proposed Fixtures Details		ALTERATION - INTERIOR LIGHTING (20% or more replaced)			
Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type		New or Existing-to-Remain
Individual Fixtures					
Direct / indirect pendant	PL-2	A4.1	LED		New
	Fixture Description: 6" LED Cylinder Pendant			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Direct / indirect pendant	PL-1	A4.1	LED		New
	Fixture Description: 16" LED Pendant			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Direct / indirect pendant	DL-2	A4.1	LED		New
	Fixture Description: 4" LED Cylinder Pendant			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Horizontal surface-mount	CPL-1	A4.1	LED		New
	Fixture Description: 24" LED Strip Light Fixture			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Recessed downlight	DL1	A4.1	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				