

# 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	Walmart Supercenter 2403 Puyallup - 2021 WSEC	For Building Department Use:  <div>PRCTI20241053</div> <div><div>City of Puyallup Development &amp; Permitting Services SEWER PERMIT Building - C-Permits Engineering - Public Works Fire - Traffic</div></div>	Date: May 09, 2024
	Project Address	310 31st Ave, Se, Puyallup Puyallup, WA 98374		
	Applicant Name	Darius Felder		
	Applicant Phone	206-856-6308		
	Applicant Email	darius.felder@hargis.biz		
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		Retail, Grocery/Supermarket	Building Cond. Floor Area	6,450
General Project Types	Alteration	New Building or Addition Lighting Scope		Alteration Lighting Scope	Interior Lighting Exterior Lighting	Project Cond. Floor Area	6,450
						Floors Above Grade	1
						Compliance Method	General Prescriptive
Lighting Project Description	Remodel						

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
	Alteration	Exterior Lighting	20% or more replaced		Not applicable to exterior	COMPLIES
Additional Energy Efficiency (AEC) Measures Included	No lighting or electrical additional energy efficiency measures included in project		Load Management (LDM) Measures Included		No lighting or electrical load management measures included in project	

Project Title	Walmart Supercenter 2403 Puyallup - 2021 WSEC				Date	May 09, 2024		
Lighting Power Calculation		ALTERATION - INTERIOR LIGHTING (20% or more replaced)			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		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		387	0.41	159		
Corridors	General		3,629	0.41	1,488		
Food preparation			4,751	1.09	5,179		
Lounge/breakroom	General		57	0.59	34		
Pharmacy area			644	1.66	1,069		
Restroom	General		1,209	0.63	762		
Storage room	General		528	0.38	201		
Retail	General sales		640	1.05	672		
Retail	General sales		1,579	1.05	1,658		
Proposed Total LPD						10,201	
Totals					11,220	10,201	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	85	4	14			56
Troffer	7	31	33			1,023
Troffer	8	10	30			300
Troffer	9	109	32			3,488
Troffer	10	20	32			640
Troffer	39	30	80			2,400
Recessed downlight	24	6	13			78
Recessed downlight	68R	53	8			424
Recessed downlight	87	28	48			1,344
Under-cabinet	94	2	24			48
Other fixture type	92	8	50			400
Proposed Total LPD						10,201

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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							
Decorative	85	EVC1		LED		New	
	Fixture Description: Globe Pendant				Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?: None required						
Troffer	7	GE1		LED		New	
	Fixture Description: 7				Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?:						
Troffer	8	E1.1		LED		New	
	Fixture Description: 1X4				Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?: None required						
Troffer	9	E1.1, E1.3, EPH, EVC		LED		New	
	Fixture Description: 2X2				Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?: None required						
Troffer	10	E1.1, E1.3		LED		New	
	Fixture Description: 2X4				Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?: None required						
Troffer	39	E1.3		LED		New	
	Fixture Description: 8' Strip				Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?: None required						
Recessed downlight	24	EVC1		LED		New	
	Fixture Description: Recessed downlight				Are these fixtures located within a daylight zone?:		
	Do these fixtures require specific application lighting controls?: None required						
Recessed downlight	68R	E1.1		LED		New	
	Fixture Description: Recessed downlight				Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?: None required						
Recessed downlight	87	EVC1		LED		New	
	Fixture Description: Recessed				Are these fixtures located within a daylight zone?:		
	Do these fixtures require specific application lighting controls?: None required						
Under-cabinet	94	EVC1		LED		New	
	Fixture Description: Linear LED				Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?: None required						
Other fixture type	92	EVC1		LED		New	
	Fixture Description: Linear LED				Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?: None required						

Proposed Exterior Lighting Power Density							
Fixture Type	Fixture ID	Exterior 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)
Linear Fixtures							
Other fixture type	4	Outdoor sales - Sales canopies - attached	80	44			3,520
Proposed Total LPD							3,520