

PRCTI20230247



## 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>	Enterprise Rent-A-Car Tenant Improvement - 2018 WSEC		For Building Department Use:	<b>Date: Feb 27, 2023</b>
	<b>Project Address</b>	733 River Road Puyallup, WA 98371			
	<b>Applicant Name</b>	Theresa Greene			
	<b>Applicant Phone</b>	425-830-3245			
	<b>Applicant Email</b>	tg.architect@comcast.net			
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		Services, General	Building Cond. Floor Area	5,930
General Project Types	Alteration	New Building or Addition Lighting Scope		Alteration Lighting Scope	Interior Lighting Exterior Lighting	Project Cond. Floor Area	5,930
						Floors Above Grade	1
						Compliance Method	Compliance Method 1 - General
Lighting Project Description							

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	50% or more replaced	Space by space	No Calculation Adjustments allowed	COMPLIES
	Alteration	Exterior Lighting	50% or more replaced		Not applicable to exterior	COMPLIES
Additional Efficiency Options Included			Enhanced lighting controls credit			

Project Title	Enterprise Rent-A-Car Tenant Improvement - 2018 WSEC				Date	Feb 27, 2023
Lighting Power Calculation	ALTERATION - INTERIOR LIGHTING (50% 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	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
Conference/meeting/multipurpose			320	0.97	310		
Lounge/breakroom	General		395	0.59	233		
Office	Enclosed less than 250 sf		310	0.74	229		
Restroom	General		130	0.63	82		
Workshop			3,075	1.26	3,875		
Retail	General sales		1,020	1.05	1,071		
Warehouse/storage area	Smaller hand-carried items		680	0.69	469		
Proposed Total LPD						4487	
Totals					6,269	4,487	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						
Troffer	2X4 LED Recessed	27	53			1,431
Troffer	2X4 LED Recessed	7	53			371
Recessed downlight	6" Recessed Can Light	3	17			51
Suspended	4' Wet Light RAB SHARK	51	50			2,550

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Proposed Fixtures Details		ALTERATION - INTERIOR LIGHTING (50% or more replaced)					
Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type		New or Existing-to-Remain		
Individual Fixtures							
Troffer	2X4 LED Recessed	A2.3	LED		New		
	Fixture Description: 2X4 LED Recessed Troffer			Are these fixtures located within a daylight zone?: No			
	Do these fixtures require specific application lighting controls?: None required						
Troffer	2X4 LED Recessed	A2.3	LED		New		
	Fixture Description: 2X4 LED Recessed Troffer			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						
Recessed downlight	6" Recessed Can Light	A2.3	LED		New		
	Fixture Description: 6" Recessed Can Light			Are these fixtures located within a daylight zone?: No			
	Do these fixtures require specific application lighting controls?: None required						
Suspended	4' Wet Light RAB SHARK	A2.3	LED		New		
	Fixture Description: 4' Wet Light RAB SHARK			Are these fixtures located within a daylight zone?: No			
	Do these fixtures require specific application lighting controls?: None required						
Wall-mounted	Restroom Lav Fixture	A2.3	LED		New		
	Fixture Description: Restroom Lav fixture			Are these fixtures located within a daylight zone?: No			
	Do these fixtures require specific application lighting controls?: None required						
Other fixture type	Exit Sign w/90 minute Battery Backup	A2.3	LED		New		
	Fixture Description: Exit Light			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	ALTERATION - EXTERIOR LIGHTING (50% or more replaced)			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 entrances and exits	Vehicular entrances & exits			42	21	882		
Base Site Allowance						500		
<b>Totals</b>						1,382	440	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							
Wall-mounted	Exterior Wall-Pack	Building entrances and exits - Vehicular entrances & exits	8	55			440
Tradable Proposed Total							440