

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	Legend Auto - 2018 WSEC	For Building Department Use:	Date:	Dec 07, 2023
	Project Address	1632 RIVER RD Puyallup, WA 98371		PRCTI20231570	
	Applicant Name	Filipp Kapustin			
	Applicant Phone	253-722-4864			
	Applicant Email	adaptbd@yahoo.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		Retail, Automobile Dealership	Building Cond. Floor Area	11,155
General Project Types	Building Addition Alteration	New Building or Addition Lighting Scope	Interior Lighting	Alteration Lighting Scope	Interior Lighting	Project Cond. Floor Area	2,118
						Floors Above Grade	1
						Compliance Method	Compliance Method 1 - General
Lighting Project Description	1,200 sq ft addition to existing shop and an alteration of an existing 863 sq ft garage that would increase to 918 sq ft.						

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
	Alteration	Interior Lighting	less than 50% replaced		No Calculation Adjustments allowed	COMPLIES

Project Title	Legend Auto - 2018 WSEC				Date	Dec 07, 2023	
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
Automotive facility	1,200	0.64	768	650	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								
Direct / indirect pendant	FML4W 48 ALO6 8SWW2 TD	Automotive facility	New	10	65			650

Project Title	Legend Auto - 2018 WSEC				Date	Dec 07, 2023
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						
Direct / indirect pendant	FML4W 48 ALO6 8SWW2 TD	A4.0	LED	Automotive facility	New	
	Fixture Description:			Are these fixtures located within a daylight zone?:		

	Do these fixtures require specific application lighting controls?:	
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Project Title	Legend Auto - 2018 WSEC			Date	Dec 07, 2023
Lighting Power Calculation		ALTERATION - INTERIOR LIGHTING (less than 50 % replaced)		Compliance Verification	COMPLIES
Interior Lighting Power Allowance					
Space Type	Existing Lighting Wattage Prior to Alteration		Total Watts Allowed	Total Proposed Watts (LPD + Display LPD)	Compliance Status
Existing Lighting	600		600	520	COMPLIES

Proposed Lighting Power Density - Spaces with less than 50% fixtures replaced						
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	FML4W 48 ALO6 8SWW2 TD	8	65			520
Proposed Total LPD						520

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Proposed Fixtures Details	ALTERATION - INTERIOR LIGHTING (less than 50 % replaced)				
Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	New or Existing-to-Remain	
Individual Fixtures					
Direct / indirect pendant	FML4W 48 ALO6 8SWW2 TD	A4.0	LED	New	
	Fixture Description:			Are these fixtures within a daylight zone?:	
	Are specific application lighting controls required?:				