

LIGHTING COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1 Administered by: ©2025 NEEA, All rights reserved

Project Title: 2550003925 AutoZone Mega HUB 10668 - 2021 WSEC For Building Department Use: Date: Nov 24, 2025

Project & Applicant Information: Project Address: 4423 SOUTH MERIDIAN PUYALLUP, WA 98373; Applicant Name: Adrian Sooa; Applicant Phone: 913-742-5000; Applicant Email: adrian.sooa@hendersonengineers.com

General Occupancy	All Commercial	General Building Use Type	Retail, General Sales	Building Cond. Floor Area	28,100
General Project Types	Alteration	New Building or Addition Lighting Scope	Alteration Lighting Scope	Project Cond. Floor Area	28,100
Lighting Project Description	Interior Existing Tenant Space Alteration.				

Lighting Compliance Scope and Method	Project Type: Alteration	Interior / Exterior (interior includes both interior & parking)	Luminaire Replacement Scope: 20% or more replaced	Compliance Method: Building area	LPA Calculation Adjustment: No Calculation Adjustments allowed	Compliance Verification: 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		

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Lighting Power Calculation: ALTERATION - INTERIOR LIGHTING (20% or more replaced) Compliance Verification: COMPLIES

Compliance Method: Building area LPA Calculation Adjustment: none

Building Area	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
Retail	28,100	0.84	23,604	14,424	COMPLIES

Fixture Type/Application	Fixture ID	Building Area	Proposed Lighting Power Density		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)
			New or Existing-to-Remain						
Individual Fixtures									
Other fixture type	C	Retail	New		5	24			120
Other fixture type	N	Retail	New		28	12			336
Other fixture type	A	Retail	New		57	48			2,736
Other fixture type	B	Retail	New		468	24			11,232

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Proposed Fixtures Details: ALTERATION - INTERIOR LIGHTING (20% or more replaced)

Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Building Area	New or Existing-to-Remain
Individual Fixtures					
Other fixture type	C	E-3, E-3.1	LED	Retail	New
Other fixture type	N	E-3, E-3.1	LED	Retail	New
Other fixture type	A	E-3, E-3.1	LED	Retail	New
Other fixture type	B	E-3, E-3.1	LED	Retail	New

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Lighting Power Calculation: ALTERATION - EXTERIOR LIGHTING (less than 20% replaced) Compliance Verification: COMPLIES

Exterior Lighting Power Allowance

Category	Existing Lighting-Wattage Prior to Alteration	Total Watts Allowed	Proposed Total LPD	Compliance Status
Existing Lighting	780	780	304	COMPLIES

Fixture Type	Fixture ID	New or Existing-to-Remain	Proposed Exterior Lighting Power Density		Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
			Quantity of Fixtures, CLDs or Luminaires (#F)	Watts per Fixture, CLD or Luminaire (WpF)			
Individual Fixtures							
Other fixture type	J	New	6	24			144
Other fixture type	D	New	4	40			160

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Proposed Fixtures Details: ALTERATION - EXTERIOR LIGHTING (less than 20% replaced)

Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Building Area	New or Existing-to-Remain
Individual Fixtures					
Other fixture type	J	E-3, E-3.1	LED		New
Other fixture type	D	E-3, E-3.1	LED		New

Lighting, Motor and Electrical Requirements List, pg 1 of 13

2021 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 - Administered by ©2025 NEEA, All rights reserved. The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions. For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

Project: 2550003925 AutoZone Mega HUB 10668 - 2021 WSEC Date: 2025-11-24

4423 SOUTH MERIDIAN PUYALLUP, WA 98373

Applies	Code Section	Component	Compliance Information Required In Permit Documentation	Location in Documents	Building Department Notes
LIGHTING SCOPE					
	C103.1	Construction documents - General	For a shell & core or tenant space (first build-out) project, indicate if there is no lighting scope included in the project.		
YES	C103.1	Construction documents - General	For an alteration project, indicate if there is no lighting scope included in the project.	SHEET E3.0	
	C405.1	Lighting in sleeping units	Indicate general compliance path for permanently installed luminaires in sleeping units - vacancy controls & luminaire efficacy, or lighting power allowance.		
INTERIOR LIGHTING CONTROLS					
YES	C405.2	Interior lighting controls, general	For all interior lighting systems, indicate lighting control method (general lighting controls requirements or luminaire level lighting controls) on plans for all spaces and lighting zone(s) served; indicate exceptions applied to eligible spaces and light.	SHEET E3.0	
YES	C405.2.3	Manual controls	Indicate on plans the method of manual lighting control, location of manual control device and the area or specific application it serves.	SHEET E3.0	
YES	C405.2.4	Manual interior light reduction controls	For general lighting not controlled by occupancy sensors, indicate on plans which method of manual 50% lighting load reduction is provided, or indicate applicable exception.	SHEET E3.0	
YES	C405.2.1	Method of automatic shut-off control	Indicate on plans the method of automatic shut-off control during unoccupied periods (occupancy sensor or time switch) for all lighting zones.	SHEET E3.0	
YES	C405.2.1	Occupant sensor controls	Indicate on plans all luminaires that are controlled by occupant sensor controls; indicate controls are configured to turn luminaires 100% off when the space is unoccupied.	SHEET E3.0	
YES	C405.2.1.1	Occupant sensor controls	Indicate if occupant sensor controls are configured to be manual on or automatic on to not more than 50% power; indicate spaces eligible for exception that allows automatic on to 100% power.	SHEET E3.0	
YES	C405.2.1.2	Occupant sensor controls - warehouse storage areas & library stacks	Indicate each aisleway within a warehouse or library stack space designated as a separate zone that is independently controlled.	SHEET E3.0	

Lighting, Motor and Electrical Requirements List, pg 2 of 13

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YES			Indicate occupant sensors are configured to automatically reduce lighting power by ≥ 50% when the zone is unoccupied for over 20 minutes; indicate controls are configured to automatically restore lighting to full power when the zone or space is occupied.	SHEET E3.0	
YES	C405.2.1.2	Occupant sensor controls - warehouse storage areas & library stacks	Indicate method of automatic 100% shut-off (occupancy sensor or time switch)	SHEET E3.0	
NA	C405.2.1.3	Occupant sensor controls - open plan office areas	For open plan office areas larger than 300 sf, indicate all general lighting control zones are ≤ 400 sf	SHEET E3.0	
NA	C405.2.1.3	Occupant sensor controls - open plan office areas	Indicate all general lighting control zones are provided with vacancy controls that are configured to reduce lighting power by not less than 80% when the zone is unoccupied and turn luminaires 100% off when the control zone is unoccupied; indicate unoccu	SHEET E3.0	
NA	C405.2.1.4	Occupant sensor controls - enclosed fire-rated stairwells	Indicate stairway lighting is provided with occupancy sensor controls that reduce lighting power by not less than 50% when the stairway is unoccupied and restore lighting to 100% when it is occupied.	SHEET E3.0	
NA	C405.2.1.5	Occupant sensor controls - corridors	Indicate corridor lighting is provided with occupancy sensor controls that reduce lighting power by not less than 50% when the corridor is unoccupied.	SHEET E3.0	
YES	C405.2.2.1	Automatic time switch controls	Indicate spaces on plans where time switch controls are configured to turn luminaires 100% off during unoccupied hours	SHEET E3.0	
YES			Indicate spaces on plans where time switch controls are configured to turn on lighting to full power versus 50% power	SHEET E3.0	
YES			Indicate locations of override switches on plans and the lighting zone(s) served; indicate that the area(s) served by each override switch does not exceed 5,000 sf.	SHEET E3.0	
NA	C405.2.5.2	Daylight zones - Sidelit zones	Indicate primary and secondary sidelit daylight zone floor areas on plans	Sidelighting Daylight Controls Exempt; Ground Floor Mercantile Occupancy.	
NA			For small vertical fenestration assemblies (rough opening less than 10% of primary daylight zone floor area) where daylight responsive controls are not required, provide fenestration area to daylight zone floor area calculation(s).	Sidelighting Daylight Controls Exempt; Ground Floor Mercantile Occupancy.	
NA			Indicate toplit daylight zone floor areas on plans.	Exempt, site has no Skylights	

REVISIONS

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AutoZone Store No. 10668

4423 SOUTH MERIDIAN

PUYALLUP WA 98373

ENERGY SHEETS

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11/21/2025

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