

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	MULTICARE GSMOB ORTHOPEDICS & SPORTS MEDICINE CLINIC T.I - 2018 WSEC	For Building Department Use:	Date: Aug 09, 2022
	Project Address	1450 5TH ST SE PYALLUP, WA 98372		
	Applicant Name	Coffman Engineers		
	Applicant Phone	206-623-0717		
	Applicant Email	SeattleNREC@coffman.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	Healthcare, Hospital	Building Cond. Floor Area	1,493	
General Project Types	Alteration	New Building or Addition Lighting Scope	Alteration Lighting Scope	Interior Lighting	Project Cond. Floor Area	1,493
					Floors Above Grade	4
					Compliance Method	Compliance Method 1 - General
Lighting Project Description	NEW LED FIXTURES					

Lighting Compliance Scope and Method	Project Type	Interior / Exterior <small>(Interior includes both interior & parking)</small>	Luminaire Replacement Scope	Compliance Method	LPA Calculation Adjustment	Compliance Verification
	Alteration	Interior Lighting	50% or more replaced	Building area	No Calculation Adjustments allowed	COMPLIES
Additional Efficiency Options Included	Reduced lighting power density credit					

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Lighting Power Calculation	ALTERATION - INTERIOR LIGHTING (50% or more replaced)	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
Hospital	1,493	0.84	1,254	1,151	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								
Recessed downlight	RB1E	Hospital	New	5	44			220
Recessed downlight	RA1	Hospital	New	20	38			760
Recessed downlight	RB1	Hospital	New	3	44			132
Wall-mounted	WA1	Hospital	New	1	21			21
Other fixture type	DA1	Hospital	New	1	18			18

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Proposed Fixtures Details	ALTERATION - INTERIOR LIGHTING (50% or more replaced)				
Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Building Area	New or Existing-to-Remain
Individual Fixtures					
Recessed downlight	RB1E	E2.1	LED	Hospital	New

	Fixture Description: 2X2 RECESS MOUNT GASKETED LED LUMINAIRE WITH EM			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Recessed downlight	RA1	E2.1	LED	Hospital	New
	Fixture Description: 2X4 RECESS MOUNT GASKETED LED LUMINAIRE			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Recessed downlight	RB1	E2.1	LED	Hospital	New
	Fixture Description: 2X2 RECESS MOUNT GASKETED LED LUMINAIRE			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Wall-mounted	WA1	E2.1	LED	Hospital	New
	Fixture Description: WALL MOUNT LINEAR LED VANITY LUMINAIRE			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Other fixture type	DA1	E2.1	LED	Hospital	New
	Fixture Description: RECESS MOUNT LED DOWNLIGHT LUMINAIRE			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				