

# 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>	Amadi Aesthetics - 2018 WSEC	For Building Department Use:	<b>Date: Jun 13, 2023</b>
	<b>Project Address</b>	7800 SE 27th Street Mercer Island, WA 98040		
	<b>Applicant Name</b>	Scott Kelly		
	<b>Applicant Phone</b>	253-759-0118		
	<b>Applicant Email</b>	ScottK@crossengineers.com		

For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

<b>General Occupancy</b>	All Commercial		<b>General Building Use Type</b>		Healthcare, Ambulatory Surgical	<b>Building Cond. Floor Area</b>	3,883
<b>General Project Types</b>	Tenant Spaces – First Build Out	<b>New Building or Addition Lighting Scope</b>	Interior Lighting	<b>Alteration Lighting Scope</b>		<b>Project Cond. Floor Area</b>	3,883
						<b>Floors Above Grade</b>	1
						<b>Compliance Method</b>	Compliance Method 1 - General
<b>Lighting Project Description</b>							

<b>Lighting Compliance Scope and Method</b>	<b>Project Type</b>	<b>Interior / Exterior</b> (Interior includes both interior & parking)	<b>Luminaire Replacement Scope</b>	<b>Compliance Method</b>	<b>LPA Calculation Adjustment</b>	<b>Compliance Verification</b>
	Tenant Spaces – First Build Out	Interior Lighting		Building area	No Calculation Adjustments selected	<b>COMPLIES</b>
<b>Additional Efficiency Options Included</b>	Reduced lighting power density credit - 10% lower than LPA					

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<b>Lighting Power Calculation</b>	<b>TENANT SPACES – FIRST BUILD OUT - INTERIOR LIGHTING</b>		<b>Compliance Verification</b>	<b>COMPLIES</b>
<b>Compliance Method</b>	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
Healthcare clinic	3,883	0.70	2,718	2,517	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)
<b>Individual Fixtures</b>								
Other fixture type	Type F2	Healthcare clinic	New	11	29			319
Other fixture type	Type F2A/F2AX	Healthcare clinic	New	11	28			308
Other fixture type	Type F3/F3X	Healthcare clinic	New	49	18			882
Other fixture type	Type F4	Healthcare clinic	New	10	10			100
Other fixture type	Type F5	Healthcare clinic	New	2	38			76
Other fixture type	Type F6	Healthcare clinic	New	1	95			95
Other fixture type	Type F6A	Healthcare clinic	New	1	125			125
Other fixture type	Type F6B	Healthcare clinic	New	1	110			110
Other fixture type	Type F6C	Healthcare clinic	New	1	50			50
Other fixture type	Type F7	Healthcare clinic	New	5	31			155
Other fixture type	Type F8	Healthcare clinic	New	5	16			80

Other fixture type	Type F8A	Healthcare clinic	New	6	14		84
Other fixture type	Type F8B	Healthcare clinic	New	2	11		22
Other fixture type	Type F8C	Healthcare clinic	New	1	7		7
Other fixture type	Type F9	Healthcare clinic	New	5	10		50
Other fixture type	Type F10	Healthcare clinic	New	1	12		12
Other fixture type	Type F12	Healthcare clinic	New	1	42		42
<b>Exempt Fixtures</b>							
Emergency (off when unoccupied)	Type X1, X2, X3	Healthcare clinic	New	7			
Medical & dental task	Type F1/ F1X	Healthcare clinic	New	19			

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<b>Proposed Fixtures Details</b>	<b>TENANT SPACES – FIRST BUILD OUT - INTERIOR LIGHTING</b>
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Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Building Area	New or Existing-to-Remain
<b>Individual Fixtures</b>					
Other fixture type	Type F2	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F2A/F2AX	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F3/F3X	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F4	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F5	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F6	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F6A	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F6B	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F6C	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F7	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F8	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					
Other fixture type	Type F8A	Sheet E2.0	LED	Healthcare clinic	New
Fixture Description:				Are these fixtures located within a daylight zone?:	
Do these fixtures require specific application lighting controls?:					

Other fixture type	Type F8B	Sheet E2.0	LED	Healthcare clinic	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
Other fixture type	Type F8C	Sheet E2.0	LED	Healthcare clinic	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
Other fixture type	Type F9	Sheet E2.0	LED	Healthcare clinic	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
Other fixture type	Type F10	Sheet E2.0	LED	Healthcare clinic	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
Other fixture type	Type F12	Sheet E2.0	LED	Healthcare clinic	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
<b>Exempt Fixtures</b>					
Emergency (off when unoccupied)	Type X1, X2, X3	Sheet E2.0		Healthcare clinic	New
	Fixture Description: Exit Signs/ Emergency Wall Lights			Do these fixtures require specific application lighting controls?: Lighting for non-visual applications, independently controlled	
Medical & dental task	Type F1/ F1X	Sheet E2.0		Healthcare clinic	New
	Fixture Description: Operating Room Lighting			Do these fixtures require specific application lighting controls?: Exit access & egress lighting per IBC Section 1006.1	