

Lighting Summary

LGT-SUM

2015 Washington State Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1

Revised August 2016

Project Info <i>Compliance forms do not require a password to use. Instructional and calculating cells are write-protected.</i>	Project Title: 1 - Safeway Kingston		Date: 7/27/2020	
	Applicant Information. Provide contact information for individual who can respond to inquiries about compliance form information provided.		For Building Department Use	
	Company Name: Engineering Consultants Inc.			
	Company Address: 303 S Federal Way Boise, Idaho 83634			
	Applicant Name: Benjamin Maupin			
	Applicant Phone: 208-376-9820			
Applicant Email: benjaminm@eciboise.com				
Project Description		<input type="checkbox"/> New Building <input type="checkbox"/> Addition <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Plans Included Include PROJ-SUM form (included in envelope forms workbook) with lighting compliance forms.		
Building Additions <i>Refer to Section C502.2.6 for additional requirements.</i>		Compliance Method	Interior lighting	Exterior lighting
		Lighting systems in addition area comply with all applicable provisions as a stand alone new construction project	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Lighting systems in addition are combined with existing building lighting systems to demonstrate compliance	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Addition is combined with existing: For interior lighting projects, include new + existing interior lighting fixture wattage in Proposed Lighting Wattage table in LTG-INT-BLD or LTG-INT-SPACE form. For exterior lighting projects, include new + existing exterior lighting fixture wattage in Proposed Tradable and Proposed Non-Tradable Lighting Wattage tables in LTG-EXT form.		
Interior and Exterior Lighting Alterations <i>Select all Lighting Power and Lighting Control elements that apply to the scope of the retrofit project. If project includes a combination of spaces where less than 50% of the existing fixtures are replaced in some spaces, and 50% or more of the fixtures are replaced in others, then provide separate lighting power compliance forms for the two retrofit conditions. Spaces undergoing the same type of retrofit may be combined into one lighting power compliance form.</i> <i>Refer to Section C503.6 for additional requirements.</i> <i>All alteration lighting controls shall be commissioned per C408.3.</i>		Lighting Power	Interior lighting	Parking garage
		50% or more of existing are replaced	<input type="checkbox"/>	<input type="checkbox"/>
		Less than 50% of existing are replaced	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Lamp and/or ballast replacement only – existing total wattage not increased	<input type="checkbox"/>	<input type="checkbox"/>
		50% or more replaced - Total lighting power of new + existing-to-remain fixtures shall comply with total LPA per Sections C405.4.2 and C405.5.2. Include new + existing-to-remain fixtures in Proposed Lighting Wattage table in LTG-INT-BLD, LTG-INT-SPACE or LTG-EXT form. Less than 50% replaced - Total lighting power of new + existing-to-remain fixtures shall not exceed the total lighting power prior to alteration. Include new + existing-to-remain fixtures in the Proposed Lighting Wattage table in LTG-INT-BLD, LTG-INT-SPACE or LTG-EXT form. 50% threshold applies to number of luminaires for interior spaces and parking garages, and total installed wattage for exterior luminaires.		
		Lighting Controls	Interior lighting	Parking garage
		New wiring installed to serve added fixtures and/or fixtures relocated to new circuit(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		New or moved lighting panel	<input type="checkbox"/>	<input type="checkbox"/>
		Interior space is reconfigured - luminaires unchanged or relocated	<input type="checkbox"/>	
		New wiring or circuit - For interior lighting, provide required manual controls per C405.2.3, occupancy sensor controls per C405.2.1, daylight responsive controls per C405.2.4 and application specific lighting controls per C405.2.5. For exterior lighting, provide required controls per C405.2.7. New or moved panel - Provide all applicable lighting controls as noted for New Wiring and automatic time switch controls per C405.2.2. Reconfigured interior space - Provide all required lighting controls that apply to a new interior space. Application specific lighting control provisions per C405.2.5 do not apply to reconfigured		
<input type="checkbox"/> No changes are being made to the interior or exterior lighting systems and existing space uses and configuration are not changed.				
Change of Space Use		<input type="checkbox"/> Existing interior lighting systems in areas under-going a change in space use are upgraded to comply with LPAs for the new space types per Tables C405.4.2(1) or C405.4.2(2). Identify interior spaces requiring LPD upgrade to the current Code in Proposed Lighting Wattage table in LTG-INT-BLD or LTG-INT-SPACE form.		


Permit Number: 20-03507

Lighting Summary, cont.

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Project Title: 1 - Safeway Kingston		Date: 7/27/2020
Interior Lighting System Description	Remodel and relocation inside of existing space.	
Interior Lighting Power Allowance Method	<input type="checkbox"/> Building Area Method <input checked="" type="checkbox"/> Space-by-space Method <i>Select method used in project.</i>	
Interior Lighting Controls	<input checked="" type="checkbox"/> All C405.2.1 - C405.2.8 Controls <input type="checkbox"/> C405.2 Exception 5 Luminaire Level Lighting Control (LLLC) <input type="checkbox"/> Additional Efficiency Package Option C406.4 Enhanced digital lighting controls <i>To comply with C406.4, no less than 90% of the total installed interior lighting power shall comply with required controls per C406.4.</i>	
Dwelling Unit Interior Lighting	Permanently installed interior lighting fixtures in dwelling units comply with:  <input checked="" type="radio"/> C405.2 thru C405.5 Commercial Lighting Controls and LPA <input checked="" type="radio"/> C406.3 High Efficacy Lighting <input type="radio"/>	
Exterior Lighting System Description		