



LIGHTING WATTAGE WORKSHEET

To comply with Fort Collins adopted commercial energy code 2009 IECC, a lighting wattage worksheet must be submitted for new buildings and whenever 50% or more of the lighting changed, added or replaced for a tenant finish. Find the applicable allowances recorded in section 505. Record these allowances with floor area to the allowance table. Sum up the Total Interior Lighting Power Allowance for this table. Keeping this allowance in mind, list every new light fixture and its individual wattage on the Proposed Interior Connected Lighting Power worksheet. Sum the proposed lighting and verify that this is equal or less than the Allowance. When the proposed is greater than the Allowance, lighting fixtures must be removed or replaced with lower wattage fixtures. Along with a lighting plan, submit the completed Lighting Wattage worksheets for review and approval.

WATTAGE ALLOWANCE: SPECIFIC SPACE METHOD (2009 IECC table 505.5.2)

Room Number	Specific Space/Activity	Area square feet	Allowed watts/sq.ft	Total allowed watts
330	Office	2607	1	2607
310	Office	1210	1	1210
Total Interior Lighting Power Allowance:				3,817

PROPOSED INTERIOR CONNECTED LIGHTING POWER

Location	Fixture description (lamp/bulb type and quantity)	Number of fixtures	Watts per fixture	Proposed watts
330	2x4 Troffer 3 Lamp Electronic Ballast High Efficiency, Normal Ballast Factor	25	71	1,775
330	6" LED Recessed	13	13	169
310	2x4 Troffer 3 Lamp Electronic Ballast High Efficiency, Normal Ballast Factor	12	71	852
310	6" LED Recessed	6	13	78
Total Interior Lighting Wattage Proposed:				2,874

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