



COMcheck Software Version 4.0.2.9
Exterior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: 2009 IECC
 Project Title: Claremont Business Park- Lot 11
 Project Type: New Construction
 Exterior Lighting Zone: 2 (Light industrial area with limited nighttime use)

Construction Site: 1478 Woolsey Heights
 Colorado Springs, CO 80915
 Owner/Agent: Designer/Contractor:

Section 2: Exterior Lighting Area/Surface Power Calculation

A Exterior Area/Surface	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B x C)	F Proposed Watts
Truck/Cargo (Illuminated area of facade wall or surface)	70 ft2	0.1	No	7	0
		Total Tradable Watts*		0	0
		Total Allowed Watts**		7	
		Total Allowed Supplemental Watts**		600	

* Wattage tradeoffs are only allowed between tradable areas/surfaces.
 ** A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Section 3: Exterior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps / Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Truck/Cargo (Illuminated area of facade wall or surface 70 ft2): Non-tradable Wattage				
LED 1: C: EXTERIOR CAN LIGHT: LED A Lamp 11W:	1	4	11	Exempt
Exemption: Material handling (incl. storage)				
LED 2: W: EXTERIOR WALL PACK: LED Panel 41W:	1	2	42	Exempt
Exemption: Industrial production (incl. storage)				
		Total Tradable Proposed Watts =		0

Section 4: Requirements Checklist

- Lighting Wattage:**
- 1. Within each non-tradable area/surface, total proposed watts must be less than or equal to total allowed watts. Across all tradable areas/surfaces, total proposed watts must be less than or equal to total allowed watts.
 Compliance: Passes.
- Controls, Switching, and Wiring:**
- 2. All exemption claims are associated with fixtures that have a control device independent of the control of the nonexempt lighting.
 - 3. Lighting not designated for dusk-to-dawn operation is controlled by either a photosensor (with time switch), or an astronomical time switch.
 - 4. Lighting designated for dusk-to-dawn operation is controlled by an astronomical time switch or photosensor.
 - 5. All time switches are capable of retaining programming and the time setting during loss of power for a period of at least 10 hours.
- Exterior Lighting Efficacy:**

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- 6. All exterior building grounds luminaires that operate at greater than 100W have minimum efficacy of 60 lumen/watt.
 Exceptions:
 - Lighting that has been claimed as exempt and is identified as such in Section 3 table above.
 - Lighting that is specifically designated as required by a health or life safety statute, ordinance, or regulation.
 - Emergency lighting that is automatically off during normal building operation.
 - Lighting that is controlled by motion sensor.

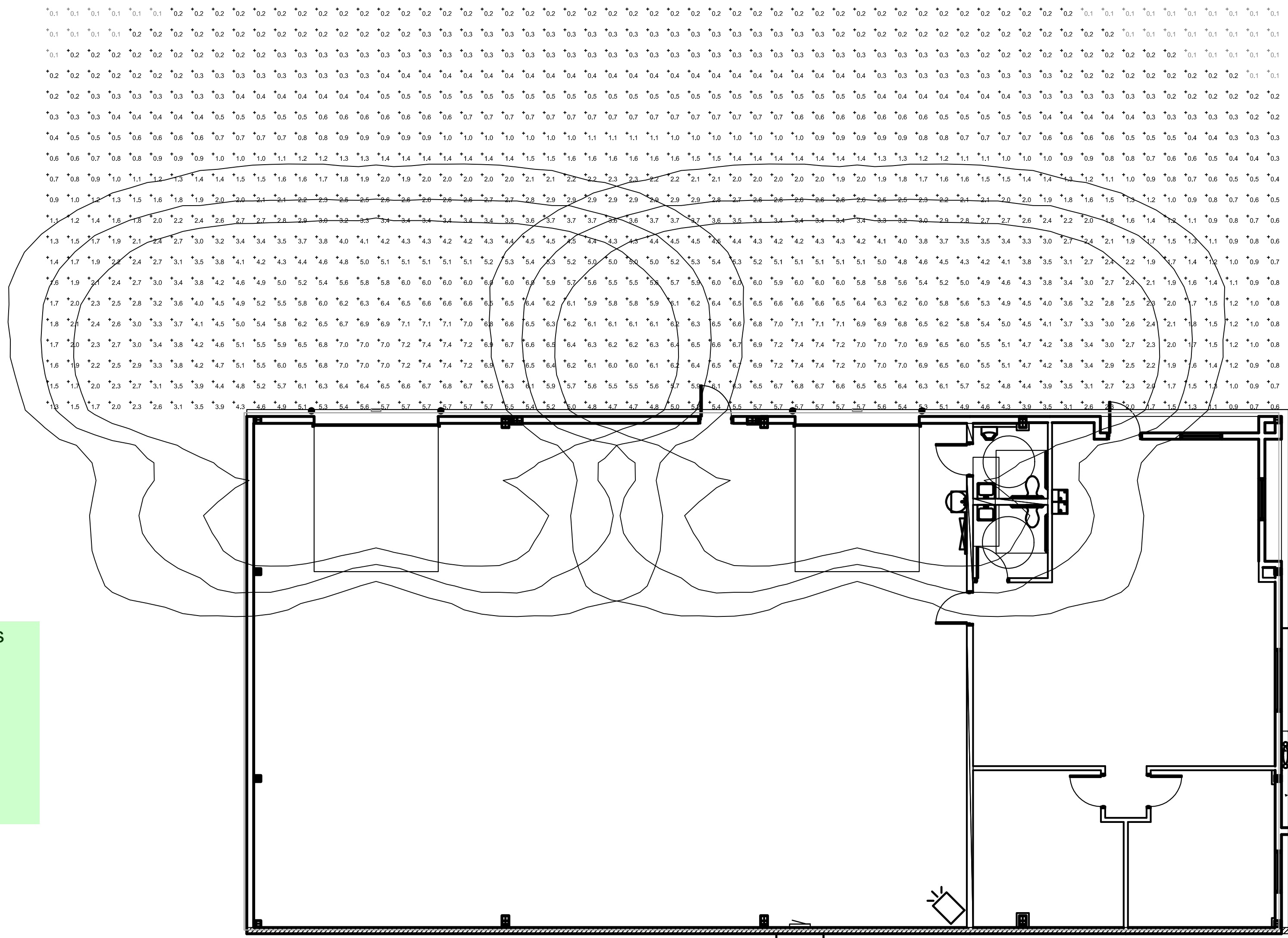
Section 5: Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COMcheck Version 4.0.2.9 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title Signature Date

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Comment remains. No property line is shown to verify lighting levels at the road/property line.

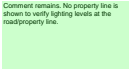


1
 E4 ELECTRICAL EXTERIOR PHOTOMETRIC
 SCALE: 1/4" = 1'-0"



Markup Summary

dsdruiz (1)



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