



Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
 Project Title: Shops on Gosling
 Project Type: New Construction
 Exterior Lighting Zone: 1 (Developed rural area)

Construction Site:
 24309 Gosling Road
 Spring, TX

Owner/Agent:

Designer/Contractor:

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Parking area	73000 ft2	0.04	Yes	2920
Walkway < 10 feet wide	1278 ft of	0.7	Yes	895
Entry canopy	2000 ft2	0.25	Yes	500
Total Tradable Watts (a) =				4315
Total Allowed Watts =				4315
Total Allowed Supplemental Watts (b) =				500

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.

(b) A supplemental allowance equal to 500 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
<u>Parking area (73000 ft2): Tradable Wattage</u>				
LED 1: LED Roadway-Parking Unit 220W:	1	8	207	1656
<u>Walkway < 10 feet wide (1278 ft of walkway length): Tradable Wattage</u>				
LED 2: Other:	1	42	25	1050
LED 2 copy 1: Other:	1	30	16	480
LED 5: Other:	1	10	109	1090
<u>Entry canopy (2000 ft2): Tradable Wattage</u>				
LED 6: Other:	1	9	52	468
Total Tradable Proposed Watts =				4744

Exterior Lighting PASSES: Design 1% better than code

Exterior Lighting 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 exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.0.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Daniel Namee, PE
 Name - Title

3-11-19
 Date



Project Title: Shops on Gosling
 Data filename: C:\Users\DGE 122911\DG Engineering\comcheck.cck

Report date: 03/11/19
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