

Order Plans



COMcheck Software Version 4.0.8.1
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2012 IECC
Project Title: Panda Express
Project Type: New Construction

Construction Site: 2740 Elm Hill Pike, Elm Hill Pike at Donelson Pike, Nashville, TN 37214
Owner/Agent: Panda Restaurant Group Inc., 1682 Walnut Grove Avenue, Rosemead, CA 91770, 626-733-9698
Designer/Contractor: Kurzynske & Associates, 2900 Lebanon Pike, Suite 201, Nashville, TN 37214, 615-255-5263

Additional Efficiency Package(s): Reduced interior lighting power. Requirements are implicitly enforced within interior lighting allowance calculations.

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1: Dining: cafeteria/fast food	2216	0.80	1794
Total Allowed Watts =			1794

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Watt	E (C X D)
1: Dining: cafeteria/fast food				
LED: L1: Kitchen Troffer: Other:	1	7	45	315
LED: L1B: Kitchen Troffer: Other:	1	1	30	30
LED: L1E: Kitchen Troffer: Other:	1	3	45	135
LED: L2: Kitchen Troffer: Other:	1	1	30	30
LED: L19: Downlight: Other:	1	44	14	616
LED: L19E: EM Downlight: Other:	1	4	14	56
LED: L20: Downlight: LED MR 6W:	1	15	5	90
LED: L20: Pendant: Other:	1	8	4	32
LED: L30: Strip LED 14': Other:	1	1	28	28
LED: L30: Strip LED 33': Other:	1	1	56	56
LED: L30: Pendant: Other:	1	4	4	16
LED: L40: LED Strip Light: Other:	1	1	24	24
Total Proposed Watts =				1634

Interior Lighting FAILS: Design 8% better than code

Interior Lighting Compliance Statement
Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting system has been designed to meet the 2012 IECC requirements in COMcheck Version 4.0.8.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Project Title: Panda Express
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Name: Title Signature Date

COMcheck Software Version 4.0.8.1

Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2012 IECC
Project Title: Panda Express
Project Type: New Construction
Exterior Lighting Zone: 2 (Neighborhood business district)

Construction Site: 2740 Elm Hill Pike, Elm Hill Pike at Donelson Pike, Nashville, TN 37214
Owner/Agent: Panda Restaurant Group Inc., 1682 Walnut Grove Avenue, Rosemead, CA 91770, 626-733-9698
Designer/Contractor: Kurzynske & Associates, 2900 Lebanon Pike, Suite 201, Nashville, TN 37214, 615-255-5263

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Parking area	27888 ft ²	0.06	Yes	1673
Other door (not main entry)	5 ft x 8 ft door	20	Yes	100
Drive-up windows/doors	1 windows/doors	400	No	400
Main entry	3 ft x 8 ft door	20	Yes	60
Total Tradable Watts (a) =				1833
Total Allowed Watts =				2253
Total Allowed Supplemental Watts (b) =				600

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 600 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 Watt	E (C X D)
Parking area (27888 ft ²): Tradable Wattage				
LED 1: Pole Lighting: LED Roadway-Paving Lind 220W	1	3	289	2598
Other door (not main entry) (6 ft x 8 ft door width): Tradable Wattage				
LED 2: L85A: Wall Scones: Other:	1	1	21	21
Other door (not main entry) (6 ft x 8 ft door width): Non-Tradable Supplemental				
LED 3: Flushback with A-Series: Other:	1	2	10	20
Main entry (3 ft x 8 ft door width): Tradable Wattage				
LED 4: L88A: Downlight: Other:	1	1	14	14
LED 5: L80: Wall Scones: Other:	1	2	8	16
Total Tradable Proposed Watts =				2646

Project Title: Panda Express
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Exterior Lighting FAILS: Design 8% worse than code

Project Title: Panda Express
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REVISIONS:

No.	Description	Date

ISSUE DATE:

1st ISSUE FOR PERMIT 11-30-18

DRAWN BY: RR

PANDA PROJECT # S8-19-D6559
ARCH PROJECT # 1805

Project No. PE1805
Kurzynske & Associates
CONSULTING ENGINEERS
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11-30-18

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COMPLIANCE REPORT