

Technical Information Bulletin

LED Ceiling Luminaire



Date: _____ Name of distributor: _____
 In hands date of project: _____ Client #: _____
 Project name/Number: _____ Name of end user: _____

ORDERING INFORMATION

Order code: 68042
 Description: CLBN11-R16W-A/40K
 UPC: 69549013704
 Case quantity: 10



PHYSICAL DATA

Size in. (mm): 11" 1/32 (280 mm)
 Shape: Round
 Type: Ceiling Luminaire
 Finish: Brushed Nickel
 Lens material: Frosted Plastic
 Mounting: Junction box

PERFORMANCE DATA

Watts (W): 16
 Volts (VAC): 120
 Colour temp. (K): 4 000
 Lumen output (lm): 1 200
 Lumen per Watts (lm/W): 75
 CRI: 80
 Life L70 (h): 50 000
 Beam angle (°): 120
 Frequency (Hz): 60
 Operating temp. range: -10 °C to 40 °C (14 °F to 104 °F)
 Dimming: TRIAC dimmers / Reverse phase

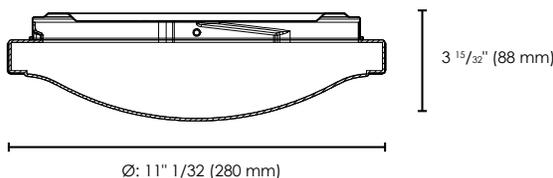
¹ Typical colour temperature range: +/- 5 %
² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %
³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations



For a complete list of ENERGY STAR qualified products, please visit www.standardpro.com

TECHNICAL DRAWINGS AND DIMENSIONS

Diameter: 11" 1/32 (280 mm)
 Height: 3 15/32" (88 mm)



| Qty | Description | Price |
|-----|-------------|-------|
| | | |

I accept the specifications of the luminaire configuration mentioned above.

Name: _____
 Company: _____
 Signature: _____

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This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.
 Data is based upon tests performed in a controlled environment.
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.
 May 26, 2020

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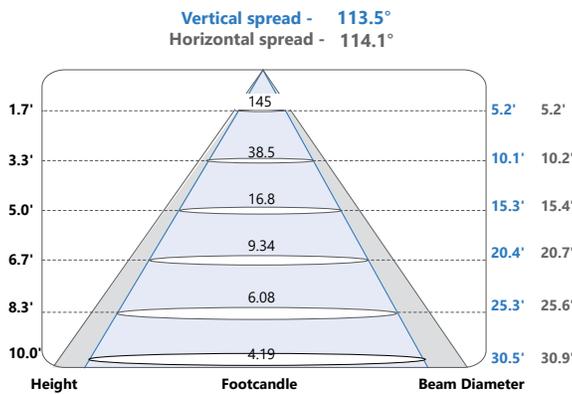


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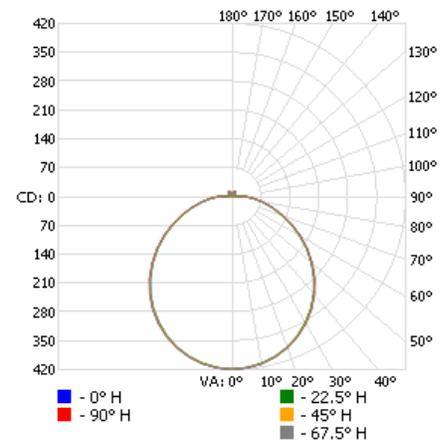
COMPATIBLE DIMMERS

| Brand | Model |
|---------|------------------------------|
| LEVITON | IPL06, 6674, 6631 |
| LUTRON | LGCL-153PLH-WH, SCL-153PR-WH |

BEAM SPREAD*



CANDELA DISTRIBUTION*



COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)*

| RCC %: | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 |
|--------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| RW %: | 70 | 50 | 30 | 0 | 70 | 50 | 30 | 0 | 50 | 30 | 20 | 50 | 30 | 20 | 50 | 30 | 20 | 50 | 30 | 20 | 0 |
| RCR: 0 | 1.18 | 1.18 | 1.18 | 1.18 | 1.15 | 1.15 | 1.15 | .95 | 1.09 | 1.09 | 1.09 | 1.03 | 1.03 | 1.03 | .98 | .98 | .98 | .95 | .95 | .95 | .95 |
| 1 | 1.06 | 1.01 | .96 | .92 | 1.03 | .98 | .94 | .78 | .93 | .90 | .86 | .89 | .86 | .83 | .84 | .82 | .80 | .77 | .77 | .77 | .77 |
| 2 | .96 | .88 | .80 | .74 | .93 | .85 | .79 | .65 | .81 | .75 | .71 | .77 | .72 | .68 | .73 | .69 | .66 | .64 | .64 | .64 | .64 |
| 3 | .88 | .77 | .68 | .61 | .85 | .75 | .67 | .55 | .71 | .64 | .59 | .68 | .62 | .57 | .64 | .60 | .56 | .53 | .53 | .53 | .53 |
| 4 | .80 | .68 | .59 | .52 | .77 | .66 | .58 | .47 | .63 | .56 | .50 | .60 | .54 | .49 | .57 | .52 | .48 | .45 | .45 | .45 | .45 |
| 5 | .74 | .60 | .51 | .44 | .71 | .59 | .50 | .41 | .56 | .49 | .43 | .54 | .47 | .42 | .52 | .46 | .41 | .39 | .39 | .39 | .39 |
| 6 | .68 | .54 | .45 | .39 | .66 | .53 | .45 | .36 | .51 | .43 | .38 | .49 | .42 | .37 | .47 | .41 | .36 | .34 | .34 | .34 | .34 |
| 7 | .63 | .49 | .40 | .34 | .61 | .48 | .40 | .32 | .46 | .39 | .33 | .44 | .38 | .33 | .43 | .37 | .32 | .30 | .30 | .30 | .30 |
| 8 | .59 | .45 | .36 | .30 | .57 | .44 | .36 | .28 | .42 | .35 | .30 | .41 | .34 | .29 | .39 | .33 | .29 | .27 | .27 | .27 | .27 |
| 9 | .55 | .41 | .33 | .27 | .53 | .40 | .32 | .26 | .39 | .32 | .27 | .37 | .31 | .26 | .36 | .30 | .26 | .24 | .24 | .24 | .24 |
| 10 | .51 | .38 | .30 | .25 | .50 | .37 | .30 | .23 | .36 | .29 | .24 | .35 | .28 | .24 | .34 | .28 | .23 | .22 | .22 | .22 | .22 |

*Complete IES files available on our website

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Fixture |
|--------|---------|-----------|
| 0-30 | 325.0 | 24.5% |
| 0-40 | 532.9 | 40.2% |
| 0-60 | 946.3 | 71.3% |
| 60-90 | 319.7 | 24.1% |
| 70-100 | 182.5 | 13.7% |
| 90-120 | 31.2 | 2.3% |
| 0-90 | 1 266.0 | 95.4% |
| 90-180 | 61.3 | 4.6% |
| 0-180 | 1 327.3 | 100% |

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