



Specifications

LIGHTING Integrated LED light source offering high lumen

output and efficacy. Color consistency of 3 SDCM. See additional information summarizing lumen distribution, wattage, and efficacy on following pages. Tunable white option available.

LUMEN MAINTENANCE

Reported TM-21 Lifetimes L90(17k) = 52,600 hours L80(17k) > 102,000 hours L70(17k) > 102,000 hours

CONSTRUCTION

1/16" 3form Varia. White Opal top and bottom diffuser. Contact your local sales rep for material samples.

ELECTRICAL

Emergency battery output: 6 watts for 90 minutes. Maximum Mounting height: 10.5ft. Compatible with Signify Bodine sinusoidal output emergency lighting inverters. Signify Bodine inverters allow designated lighting fixtures to serve as code compliant emergency lighting sources during failure of normal

For additional information see link:

http://www.bodine.com/products/inverter.html

MOUNTING

Adjustable stainless steel aircraft cable, contact studio for lengths over 20'

DRIVERS

120-277V constant current, dimming driver standard. Can be wired dimming or non-dimming. 0-10v dimming input with a range of 1%-100%. Dim-to-Off standard. Driver can be accessed from the fixture. Power factor of > .95. Total Harmonic Distortion (THD) of < 20%.

CERTIFICATION

Luminaire is CSA listed conforming to UL Standard 1598 in the U.S. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.73 (G), this luminaire contains an internal driver disconnect. Damp Location Rated. All electronic components are RoHS compliant, and the mechanical components of the luminaire have been verified to meet RoHS Directive 2002/95/EC.

CLEANING & CARE

Designed to withstand the demands of rigorous cleaning requirements. Effective cleaning and disinfection of environmental surfaces reduces microbe transmission. Superior chemical resistance and durability promotes safety in any design application. Use common disinfectants and cleaners to reduce microbe transmission.

WARRANTY

5 year warranty on all standard components.





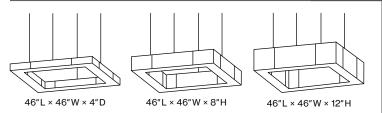






DIMENSIONS

SHADE COLOR OPTIONS





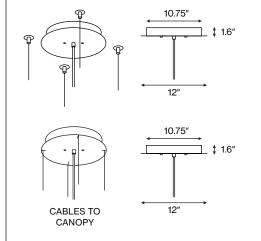


CANOPY/DRESS PLATE FINISH OPTIONS



CEILING HARDWARE

Available in both Recessed and Surface Mount canopys. For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5".



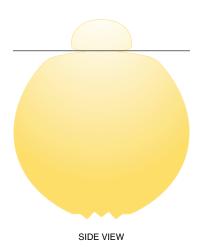


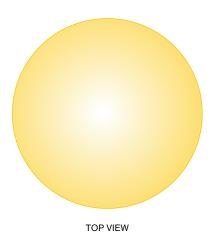




LIGHT DISTRIBUTION OPTIONS

Consult factory or lightart.com for IES files, tested in accordance with IESNA LM79





PERFORMANCE - LA2 QUAD

Based on 3500K / 90CRI / Standard Distribution

| NOMINAL LUMEN OUTPUT (LM) | INPUT POWER (W) | EFFICACY (LM/W) | | |
|------------------------------|--------------------|--------------------|--|--|
| 998 | 10.79 | 92.50 | | |
| 1997 | 21.85 | 91.40 | | |
| 3003 | 33.29 | 90.20 | | |
| 4001 | 44.97 | 89.00 | | |
| 5000 | 56.96 | 87.80 | | |
| 5998 | 69.30 | 86.60 | | |
| 6997 | 82.03 | 85.30 | | |
| 8002 | 95.22 | 84.00 | | |
| 9002 | 108.78 | 82.80 | | |
| 1000 | 122.76 | 8.10 | | |
| 10998 | 137.12 | 80.20 | | |
| 11996 | 152.01 | 78.90 | | |

LIGHT DISTRIBUTION

Based on measurement data

| COLOR TEMPERATURE/CRI | MULTIPLIER |
|-----------------------|------------|
| 2700K / 80 | 0.98 |
| 2700K / 90 | 0.93 |
| 3000K / 80 | 1.02 |
| 3000K / 90 | 097 |
| 3500K / 80 | 1.00 |
| 3500K / 90 | 1.00 |
| 4000K / 80 | 1.08 |
| 4000K / 90 | 1.03 |

OUTPUT MULTIPLIERS INSTRUCTIONS

Adjusted Value = $L_1 \times C_m$ where:

 L_1 = (Lumen output at 3500K / 90 CRI) ×

 C_m = (Color Temp. / CRI Multiplier) ×

Example:

850LM/3000K/80CRI

(850) × (1.02)= 789LM









Quad Part Number Specification

| SPECIFICATION | N CODE | Example: 2 QTY LA2 - ESS - QUAD - 4H - WZ - STD - 830CK - 5000LM - P01 - WPC - WH - CCL | | | | | | | |
|-----------------|---|---|------------|-------------|-----------------|-------------|------------|-----------|--|
| Π ι Δ2- | -ESS-QUAD | | |]_[| | | |]_ |]_ |
| QTY. | LOS QUAD | 0 2 | 3 | 4 | 5 | 6 | 0 | 8 | 9 |
| 7 | | U G | | | • | • | • | • | • |
| | order Hex fixture(s). I ed choices; additional | | | | he correspond | ding box al | bove. | | |
| | , | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ., ., ., | | | | | | |
| 1 SIZE | | 2 MATERIAL | - | | | | _ 3 su | ISPENSION | |
| ☐ 4H | 4"H | | GES | 280 | | | Г | STD | 12" – 96" |
| □ 411 □ 8H | 8"H | ☐ GO | 10000 | URAL | | | L [| EXT* | 24"-240" |
| ☐ 12H | 12"H | CR | | DER | | | L | | 2. 2.0 |
| | | ☐ so | The same | (EN OYSTER | | | | | |
| | | □ СВ2 | | NBERRY X2 | | | | | |
| | | □ vc | | AMIN C | | | | | |
| | | □ wz | | ARD | | | | | |
| | | □ мсғ | | CENTURY ROS | EWOOD | | | | |
| | | Cus | | STOM COLOR | | | | | |
| | | | | | | | | | |
| • LED OD! / 00! | _ | | • 01170117 | | | | • • | | A GONTROLO |
| 4 LED CRI / CC | <u> </u> | | 6 OUTPUT | | | | _ 6 🖽 | MMING AND | CONTROLS |
| 827CK | 80 CRI / 2700K | | 1000 | LM 1000 LN | М | | 1 | P01 | 0-10V 1% DIMMING |
| □ 830CK | | | 2000 | | MM | |] | LEC* | HI-LUME 1% ECOSYSTEM |
| 835CK | 80 CRI / 3500K | | 3000 | 3000 LI | M | | | _ | LED DRIVER SOFT ON, FADE TO BLACK (LDE1 SERIES) |
| 840CK | 80 CRI / 4000K | | 4000 | 1000 LI | М | | 1 | EBM | 0-10V 1% DIMMING INTEGRATED |
| 927CK | 90 CRI / 2700K | | 5000 | 5000 LI | М | | , | | EM BATTERY OPTION Max Lumen ouput limited— |
| 930CK | 90 CRI / 3000K | | 6000 | 0000 L | M Tunable White | Max | | | consult LightArt. Not available |
| 935CK | 90 CRI / 3500K | | 7000 | 7000 LI | M EM Battery Ma | ıx | r | ¬ | with Tunable White. |
| 940CK | 90 CRI / 4000K | | 8000 | 8000 L | М | | L | DALI | DALI CONTROL |
| TW | TUNABLE WHITE | Ē | 9000 | 9000 L | М | | | | |
| | | | 1000 | OLM 10000 I | _M | | | | |
| | | | 11000 | OLM 10000 I | _M | | | | |
| | | | CU* | CUSTO | M OUTPUT | | | | |
| | | | | | | lı | m | | |
| | | | | | | | _ | | |
| | | | | | | | | | |
| CANOPY OPT | TIONS | 8 POWER C | ORD | | CABLE CO | NNECTION | N | | |
| WPC | WHITE | | \\/\LITE | | | CAI | BLES TO CI | EII ING | |
| BPC | WHITE BLACK | ☐ WH | WHITE | | CCN | | BLES TO C | | |
| RWPC | RECESSED WHIT | _ | BLACK | | | CAI | DLLU 10 0/ | ANOI I | |
| RBPC | RECESSED BLAC | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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