



## Specifications

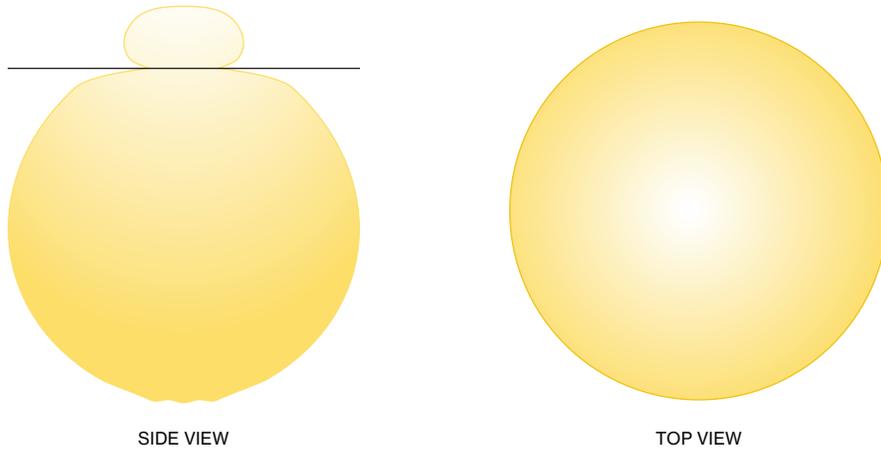
<b>LIGHTING</b>	Integrated LED light source offering high lumen output and efficacy. Color consistency of 3 SDCM. See additional information summarizing lumen distribution, wattage, and efficacy on following pages. Tunable white option available.	<b>DRIVERS</b>	120-277V constant current, dimming driver 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%.
<b>LUMEN MAINTENANCE</b>	Reported TM-21 Lifetimes L90(17k) = 52,600 hours L80(17k) > 102,000 hours L70(17k) > 102,000 hours	<b>CERTIFICATION</b>	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.
<b>CONSTRUCTION</b>	1/16" 3form Varia. White Opal top and bottom diffuser. Contact your local sales rep for material samples.	<b>CLEANING &amp; CARE</b>	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.
<b>ELECTRICAL</b>	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 AC power. For additional information see link: <a href="http://www.bodine.com/products/inverter.html">http://www.bodine.com/products/inverter.html</a>	<b>WARRANTY</b>	5 year warranty on all standard components.
<b>MOUNTING</b>	Adjustable stainless steel aircraft cable, contact studio for lengths over 20'		





## LIGHT DISTRIBUTION OPTIONS

Consult factory or [lightart.com](http://lightart.com) for IES files, tested in accordance with IESNA LM79



## PERFORMANCE – LA2 DELTA

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
1004	11.13	90.20
2000	21.97	91.10
3003	33.49	89.70
3999	45.28	88.30
5003	57.56	86.90
6000	70.18	85.50
7004	83.34	84.00
7998	96.83	82.60
9002	110.99	81.10
9998	125.57	79.60
11002	140.79	78.10
12000	156.49	76.70

## LIGHT DISTRIBUTION

Based on measurement data

COLOR TEMPERATURE / CRI	MULTIPLIER
2700K / 80	0.98
2700K / 90	0.93
3000K / 80	1.02
3000K / 90	0.97
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

$(850) \times (1.02) = 789LM$



MADE IN USA  
WITH GLOBAL AND  
DOMESTIC PRODUCTS

**SPECIFICATION CODE**

Example: 2 QTY LA2-ESS-DELT-4H-WZ-STD-830CK-5000LM-P01-WPC-WH-CCL

QTY. **LA2-ESS-DELT** - 
  **1** - 
  **2** - 
  **3** - 
  **4** - 
  **5** - 
  **6** - 
  **7** - 
  **8** - 
  **9**

Complete form to order LA2 Essential Delta fixture(s). For each number, make one selection and enter in the corresponding box above.

\*Indicates modified choices; additional lead times, cost, and limited lumen outputs may apply.

**1 SIZE**

- 4H 4"H
- 8H 8"H
- 12H 12"H

**2 MATERIAL**

- GO GESSO
- NL NATURAL
- CR CINDER
- SO SILKEN OYSTER
- CB2 CRANBERRYX2
- VC VITAMIN C
- WZ WIZARD
- MCR MID CENTURY ROSEWOOD
- CUST\*  CUSTOM COLOR

**3 SUSPENSION**

- STD 12" – 96"
- EXT\* 24" – 240"

**4 LED CRI / CCT**

- 827CK 80 CRI / 2700K
- 830CK 80 CRI / 3000K
- 835CK 80 CRI / 3500K
- 840CK 80 CRI / 4000K
- 927CK 90 CRI / 2700K
- 930CK 90 CRI / 3000K
- 935CK 90 CRI / 3500K
- 940CK 90 CRI / 4000K
- TW TUNABLE WHITE  
Driver selection limited to P01 and DALI

**5 OUTPUT**

- 1000LM 1000 LM
- 2000LM 2000 LM
- 3000LM 3000 LM
- 4000LM 4000 LM
- 5000LM 5000 LM
- 6000LM 6000 LM Tunable White Max and EM Battery Max
- 7000LM 7000 LM
- 8000LM 8000 LM
- 9000LM 9000 LM
- 10000LM 10000 LM
- 11000LM 10000 LM
- CU\* CUSTOM OUTPUT

lm

**6 DIMMING AND CONTROLS**

- P01 0-10V 1% DIMMING
- LEC\* HI-LUME 1% ECOSYSTEM LED DRIVER SOFT ON, FADE TO BLACK (LDE1 SERIES)
- EBM 0-10V 1% DIMMING INTEGRATED EM BATTERY OPTION  
Max Lumen output limited—consult LightArt. Not available with Tunable White.
- DALI DALI CONTROL

**7 CANOPY OPTIONS**

- WPC WHITE
- BPC BLACK
- RWPC RECESSED WHITE
- RBPC RECESSED BLACK

**8 POWER CORD**

- WH WHITE
- BK BLACK

**9 CABLE CONNECTION**

- CCL CABLES TO CEILING
- CCN CABLES TO CANOPY



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