



### Specifications

<b>LIGHTING</b> Integrated LED li	ight source offering high lumen
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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  $\mbox{RoHS}$ 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.









### Delta Fixture Options

### **DIMENSIONS**

### SHADE COLOR OPTIONS



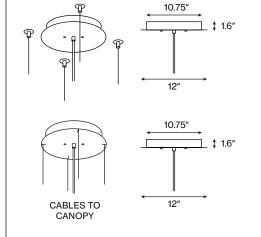


#### CANOPY/DRESS PLATE FINISH OPTIONS



### **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".



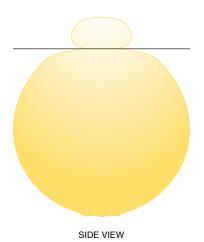


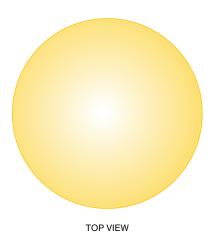


## Delta Lighting Details

### LIGHT DISTRIBUTION OPTIONS

Consult factory or 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	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









# Delta Part Number Specification

SPECIFICATION CODE Example: 2 QTY LA2 - ESS - DELT - 4H - WZ - STD - 830CK - 5000LM - P01 - WPC - WH - CCL											
	LA2-	ESS-DELT -		_				_	7-		]-
QTY.			0	2	3	4	5	6	7	3	9
Complete form to order Delta fixture(s). For each number, make one selection and enter in the corresponding box above. *Indicates modified choices; additional lead times and/or costs may apply.											
1 SIZE	Ī		_ 2 M	MATERIAL					3	SUSPENSION	
	4H	4"H		GO	GESS	0				STD	12" – 96"
	8H	8"H		NL	NATUI	RAL				EXT*	24" – 240"
	12H	12"H		CR	CINDE	ER .					
				so	SILKE	N OYSTER					
				CB2	CRAN	BERRY X2					
				☐ VC	VITAN	IIN C					
				WZ	WIZAF	RD					
				MCR		ENTURY RO	SEWOOD				
				CUST*	CUST	OM COLOR					
4 LED	CRI / CCT	г	6 0	UTPUT					6	DIMMING AND	CONTROLS
	827CK	80 CRI / 2700K		1000LM	1000 LM					P01	0-10V 1% DIMMING
	830CK	80 CRI / 3000K		2000LM	2000 LM					LEC*	HI-LUME 1% ECOSYSTEM LED DRIVER SOFT ON,
	835CK	80 CRI / 3500K		3000LM	3000 LM						FADE TO BLACK (LDE1 SERIES)
	840CK	80 CRI / 4000K		4000LM						EBM	0-10V 1% DIMMING INTEGRATED
L	927CK	90 CRI / 2700K		5000LM							EM BATTERY OPTION  Max Lumen ouput limited—
	930CK	90 CRI / 3000K		6000LM		Tunable White	Max and EM E	Battery Max			consult LightArt. Not available with Tunable White.
Ļ	935CK	90 CRI / 3500K		7000LM	OOOLM 7000 LM DALI CONTROL						DALI CONTROL
L	940CK	90 CRI / 4000K		8000LM 8000 LM							
	TW	TUNABLE WHITE		9000LM							
				10000LN							
				11000LM							
				CU*	CUSTOM	OUTPUT					
									lm		
7 CAN	IOPY OPT	IONS	_ 8 P	OWER CORD	)		9 CABLE	CONNECT	ΓΙΟΝ		
	WPC	WHITE		WH	WHITE			:CI	CABLES TO	O CEIL ING	
	BPC	BLACK		ВК	BLACK					O CANOPY	
	RWPC	RECESSED WHITE			22/10/1			3.1	5. ISEEO 10	- 0101 1	
	RBPC	RECESSED BLACK									
			-								





