

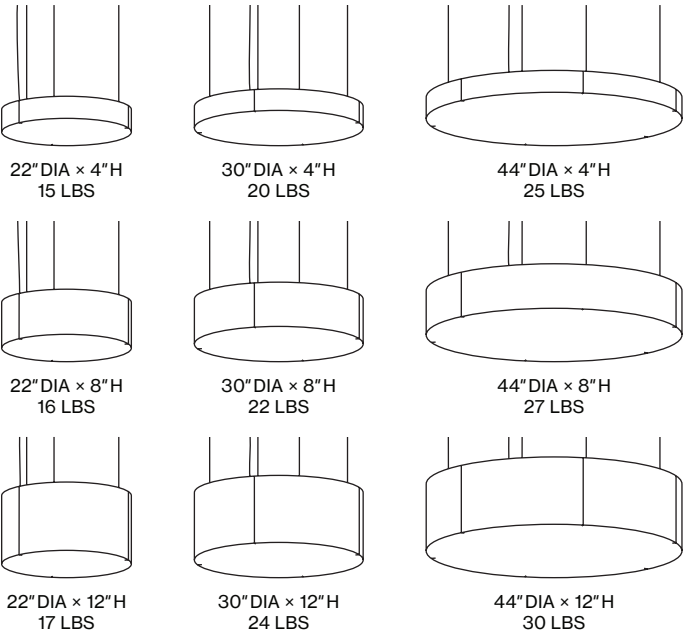


Specifications

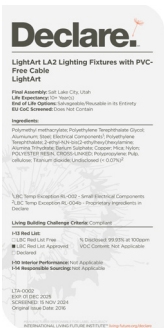
LIGHTING	Integrated LED light source offering high lumen output and efficacy. Color consistency of 3 SDCM. See additional information summarizing lumen distribution, wattage, and efficacy on following pages. Tunable white option available.	DRIVERS	120–277V constant current, dimming driver standard. Can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



DIMENSIONS



SHADE COLOR OPTIONS



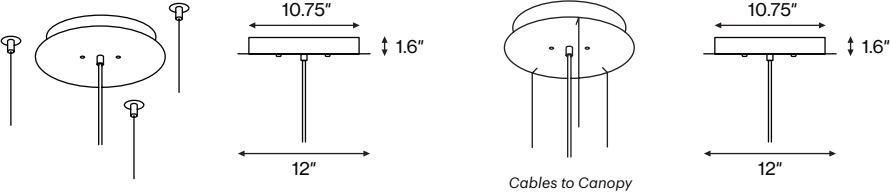
CANOPY/DRESS PLATE FINISH OPTIONS



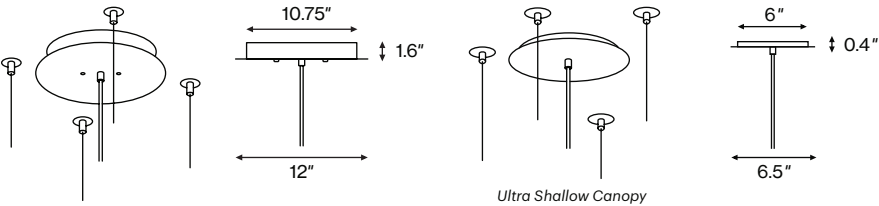
CEILING CONNECTIONS

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

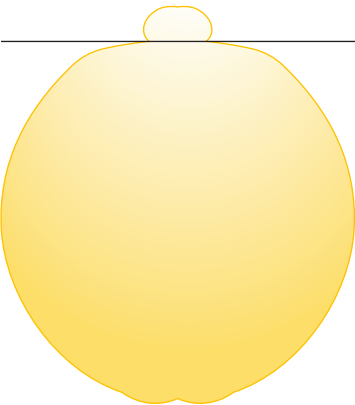
22" DIAMETER



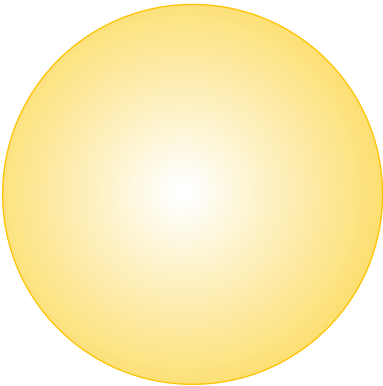
30" DIAMETER | 44" DIAMETER 7000+ lumens available only with Ultra Shallow Canopy.



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



SIDE VIEW



TOP VIEW

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) × (1.02) = 789LM

PERFORMANCE – LA2 ONE 22"
Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM/FT)	INPUT POWER (W/FT)	EFFICACY (LM/W)
1001	10.99	91.10
1999	22.56	88.60
3000	34.93	85.90
4001	48.15	83.10
5002	62.27	80.30
5999	77.43	77.50
7000	93.76	74.70

PERFORMANCE – LA2 ONE 30"
Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM/FT)	INPUT POWER (W/FT)	EFFICACY (LM/W)
1000	10.85	92.20
2001	22.03	90.80
3001	33.61	89.30
4001	45.62	87.70
5002	58.07	86.10
6002	70.98	84.60
7004	84.41	83.00
8002	98.39	81.30
8998	112.86	79.70
9998	128.03	78.10
10998	143.90	76.40
11998	160.42	74.80

PERFORMANCE – LA2 ONE 44"
Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM/FT)	INPUT POWER (W/FT)	EFFICACY (LM/W)
1006	10.80	93.10
1999	21.61	92.50
3005	32.74	91.80
3997	43.85	91.20
5003	55.30	90.50
5996	66.76	89.80
7002	78.58	89.10
7994	90.39	88.40
9000	102.52	87.80
10006	114.87	87.10
10998	127.32	86.40
12004	140.12	85.70
12998	152.93	85.00
14016	166.38	84.20
15008	179.62	83.60
16016	193.33	82.80
17008	207.03	82.20
18012	221.26	81.40
19008	235.47	80.70
20012	250.23	80.00

SPECIFICATION CODE

Example: 2 QTY LA2-ESS-ONE-44D-4H-WZ-STD-830CK-17000LM-P01-WPC-WH-CCL

QTY.

LA2-ESS-ONE

1

2

3

4

5

6

7

8

9

10

Complete form to order LA2 Essentials One 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

Nominal

22D

22" DIA

30D

30" DIA

44D

44" DIA

2

HEIGHT

Nominal

4H

4" HEIGHT

8H

8" HEIGHT

12H

12" HEIGHT

3

MATERIAL

GO

GESSO

NL

NATURAL

CR

CINDER

SO

SILKEN OYSTER

CB2

CRANBERRY X2

VC

VITAMIN C

WZ

WIZARD

MCR

MIDCENTURY ROSEWOOD

CUST

CUSTOM COLOR

4

SUSPENSION

STD

12" – 96"

EXT

12" – 240"

SM

SURFACE MOUNT

5

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

6

OUTPUT

1000LM

1000 LM

2000LM

2000 LM

3000LM

3000 LM

4000LM

4000 LM

5000LM

5000 LM

6000LM

6000 LM 22"D and 30"D Max | Tunable White and EM Battery option

7000LM

7000 LM 22"D Max Standard Output

8000LM

8000 LM

9000LM

9000 LM

10000LM

10000 LM

11000LM

11000 LM

12000LM

12000 LM 30"D Max Standard Output

13000LM

13000 LM 44"D Max Tunable White and EM Battery option

14000LM

14000 LM

15000LM

15000 LM

16000LM

16000 LM

17000LM

17000 LM

18000LM

18000 LM

1900LM

19000 LM

20000LM

20000 LM 44"D Max Standard Output

CU*

CUSTOM OUTPUT

lm

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION

CONTINUE SPECIFICATION

7

DIMMING AND CONTROLS

☐ P01

☐ LEC*

☐ EBM

☐ DALI

0–10V 1% DIMMING

HI-LUME 1% ECOSYSTEM LED DRIVER SOFT ON, FADE TO BLACK (LDE1 SERIES)

0-10V 1% DIMMING INTEGRATED EM BATTERY OPTION
*Max Lumen output limited—consult LightArt.
Not available with Tunable White.*

DALI CONTROL

8

CANOPY OPTIONS

☐ NOCA

☐ WPC

☐ BPC

☐ RWPC

☐ RBPC

NOT APPLICABLE
Surface Mount

WHITE

BLACK

RECESSED WHITE

RECESSED BLACK

9

POWER CORD

☐ NOCC

☐ WH

☐ BK

NOT APPLICABLE
Surface Mount

WHITE

BLACK

10

CABLE CONNECTION

☐ NSC

☐ CCL

☐ CCN

NOT APPLICABLE
Surface Mount

CABLES TO CEILING

CABLES TO CANOPY
Only Available on 22"Diameter—consult LightArt for larger sizes.

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