Specifications

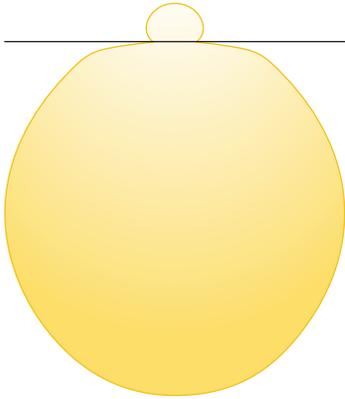|			
LIGHTING	Integrated LED light source offering high lumen output and efficacy. Color consistency of 3 SDCM. See additional information summarizing lumen distribution, wattage, and efficacy on following pages. Tunable white option available.	**DRIVERS**	120–277V constant current, dimming driver standard. 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.		
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	**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.
MOUNTING	Adjustable stainless steel aircraft cable, contact studio for lengths over 20'	**WARRANTY**	5 year warranty on all standard components.

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Two Fixture Options

DIMENSIONS

HEIGHT, WIDTH, LENGTH

4"H × 22"SQ

4"H × 30"SQ

4"H × 48"SQ

8"H × 22"SQ

8"H × 30"SQ

8"H × 48"SQ

12"H × 22"SQ

12"H × 30"SQ

12"H × 48"SQ

SHADE COLOR OPTIONS

GESSO

NATURAL

CINDER

SILKEN OYSTER

VITAMIN C

WIZARD

MIDCENTURY ROSEWOOD

CRANBERRY X2

Declare.

LightArt LA2 Lighting Fixtures with PVC-Free Cable
LightArt

First Assembly: Salt Lake City, Utah
Life Expectancy: 10+ Year(s)
End of Life Options: Salvageable/Reusable in its Entirety
EU CoC Screened: Does Not Contain

Ingredients:
Polymethyl methacrylate, Polyethylene Terephthalate Glycol, Aluminum, Steel, Electrical Component(s), Polyethylene Terephthalate, 2-ethyl-N,N-bis(2-ethylhexyl)hexylamine, Alumina Trihydrate, Barium Sulfate, Copper, Mica, Nylon, POLYESTER RESIN, CROSS-LINKED, Polypropylene, Pulp, cellulose, Titanium Dioxide, Undisclosed in 0.07%²

LBC Temp Exception RL-002 - Small Electrical Components
LBC Temp Exception RL-0046 - Proprietary Ingredients in Declare

Living Building Challenge Criteria: Compliant

I-13 Red List:
☐ LBC Red List Free
☐ LBC Red List Approved   % Disclosed: 99.93% at 100ppm
☑ Declared   VOC Content: Not Applicable

I-15 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

LTA-0002
EXP. 01 DEC 2026
SCREENED: 15 NOV 2024
Original Issue Date 2016

INTERNATIONAL LIVING FUTURE INSTITUTE™

CANOPY / DRESS PLATE FINISH OPTIONS

BLACK

WHITE

CEILING CONNECTIONS

DIMENSIONS   *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".*

22"DIAMETER | 30" DIAMETER

10.75"   1.6"

12"

Cables to Canopy

10.75"   1.6"

12"

48"DIAMETER   *1000-14000 lumens without EM Battery, and 1000-7000 lumens with Tunable White available with all fixtures. 8000+ lumens with Tunable White, and 15000+ lumens with EM Battery available only with Ultra Shallow Canopy.*

10.75"   1.6"

12"

6"   0.4"

6.5"

Ultra Shallow Canopy

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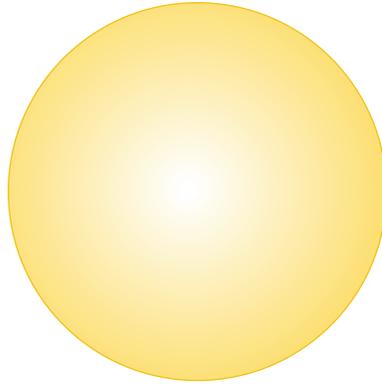
LIGHT DISTRIBUTION OPTIONS

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	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

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

NOMINAL LUMEN OUTPUT (LM/FT)	INPUT POWER (W/FT)	EFFICACY (LM/W)
998	10.85	92.00
2002	22.20	90.20
3000	33.94	88.40
3999	46.19	86.60
5002	59.10	84.60
6001	72.51	82.80
7584	86.56	87.60
7998	101.34	78.90
9002	117.01	76.90
10000	133.33	75.00

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

NOMINAL LUMEN OUTPUT (LM/FT)	INPUT POWER (W/FT)	EFFICACY (LM/W)
998	10.76	92.80
1997	21.70	92.00
2995	32.87	91.10
4004	46.87	85.40
5002	56.03	89.30
6001	67.88	88.40
6999	80.02	87.50
7998	92.38	86.60
8996	105.04	85.60
10004	118.20	84.60
11004	131.42	83.70
12002	145.01	82.80
13000	158.91	81.80

PERFORMANCE – LA2 TWO 48"
Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM/FT)	INPUT POWER (W/FT)	EFFICACY (LM/W)
998	10.72	93.10
1996	21.53	92.70
2996	32.43	92.40
3994	43.40	92.00
4992	54.53	91.50
5990	65.74	91.10
7010	77.37	90.60
8008	88.80	90.20
9006	100.32	89.80
10004	112.05	89.30
11004	123.87	88.88
12002	135.77	88.40
13000	147.84	87.90
13998	160.04	87.50
14996	172.32	87.00
15996	184.76	86.60
16992	197.47	86.00
17992	210.08	85.60
18992	223.03	85.20
20008	236.40	84.60

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Two Part Number Specification

SPECIFICATION CODE

Example: 2 QTY LA2-ESS-TWO-48D-4H-WZ-STD-830CK-17000LM-P01-WPC-WH-CCL

☐ LA2-ESS-TWO – ☐ – ☐ – ☐ – ☐ – ☐ – ☐ – ☐ – ☐ – ☐ – ☐
QTY.　　　　　　　①　②　③　④　⑤　⑥　⑦　⑧　⑨　⑩

Complete form to order LA2 Essentials Two 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*

☐	22SQ	22" DIA
☐	30SQ	30" DIA
☐	48SQ	48" 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 *Driver selection limited to P01 and DALI*

⑥ OUTPUT

☐	1000LM	1000 LM
☐	2000LM	2000 LM
☐	3000LM	3000 LM
☐	4000LM	4000 LM
☐	5000LM	5000 LM
☐	6000LM	6000 LM *22"D Max Tunable White and EM Battery Option*
☐	7000LM	7000 LM *30"D Max Tunable White and EM Battery Option*
☐	8000LM	8000 LM
☐	9000LM	9000 LM
☐	10000LM	10000 LM *22"D Max Standard Output*
☐	11000LM	11000 LM
☐	12000LM	12000 LM
☐	13000LM	13000 LM *30"D Max Standard Output*
☐	14000LM	14000 LM *48"D Max Tunable White and EM Battery Option*
☐	15000LM	15000 LM
☐	16000LM	16000 LM
☐	17000LM	17000 LM
☐	18000LM	18000 LM
☐	1900LM	19000 LM
☐	20000LM	20000 LM *48"D Max Standard Output*
☐	CU*	CUSTOM OUTPUT

lm

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION

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Two

Part Number Specification

CONTINUE SPECIFICATION

7 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 ouput limited—consult LightArt.
  Not available with Tunable White.
- ☐ DALI   DALI CONTROL

8 CANOPY OPTIONS

- ☐ NOCA   NOT APPLICABLE
  Surface Mount
- ☐ WPC   WHITE
- ☐ BPC   BLACK
- ☐ RWPC   RECESSED WHITE
- ☐ RBPC   RECESSED BLACK

9 POWER CORD

- ☐ NOCC   NOT APPLICABLE
  Surface Mount
- ☐ WH   WHITE
- ☐ BK   BLACK

10 CABLE CONNECTION

- ☐ NSC   NOT APPLICABLE
  Surface Mount
- ☐ CCL   CABLES TO CEILING
- ☐ CCN   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.

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