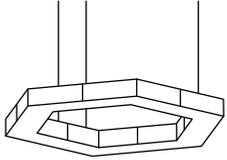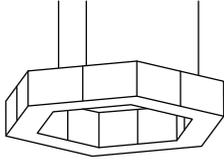## Specifications

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 AC power.
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.

align Declare. Red List Free Ingredients MADE IN USA WITH GLOBAL AND DOMESTIC PRODUCTS

LightArt

Hex   Fixture Options

DIMENSIONS

48" DIA × 4" H

48" DIA × 8" H

48" DIA × 12" H

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 Components†, Polyethylene Terephthalate, 2-ethyl-N,N-bis(2-ethylhexy)hexylamine, Alumina Trihydate, Sodium Sulfate, Copper, Mica, Nylon, POLYESTER RESIN, CROSS-LINKED, Polypropylene, Pulp, cellulose, Titanium dioxide, Undisclosed in 0.07%‡

†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   % Disclosed: 99.93% at 100ppm
■ LBC Red List Approved   VOC Content: Not Applicable
☐ Declared
I-15 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

LTA-0002
EXP: 01 DEC 2025
SCREENED: 15 NOV 2024
Original Issue Date: 2016

INTERNATIONAL LIVING FUTURE INSTITUTE™ Living Building Declaration

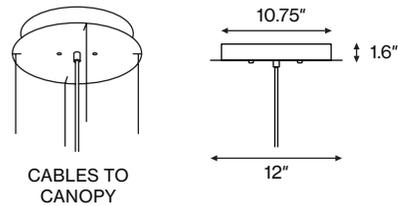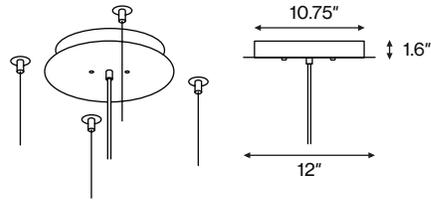## CANOPY / DRESS PLATE FINISH OPTIONS

BLACK	WHITE

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".
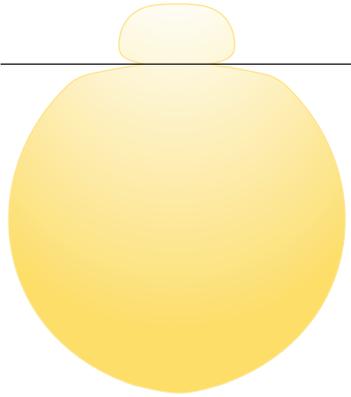
10.75"   1.6"

12"

CABLES TO CANOPY

10.75"   1.6"

12"

align   Declare.   Red List Free Ingredients   MADE IN USA WITH GLOBAL AND DOMESTIC PRODUCTS
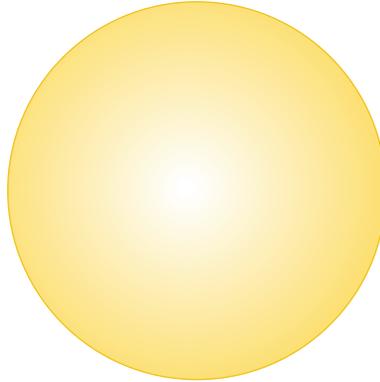
LIGHT DISTRIBUTION OPTIONS
Consult factory or lightart.com for IES files, tested in accordance with IESNA LM79

SIDE VIEW

TOP VIEW

PERFORMANCE – LA2 HEX
Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
1000	10.86	92.10
2001	22.09	90.60
3001	33.71	89.00
4001	45.81	87.30
5002	58.36	85.70
6002	71.42	84.00
7004	85.05	82.40
8002	99.26	80.60
8998	114.04	78.90
9998	129.53	77.20
10998	145.78	75.40

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

Hex Part Number Specification

SPECIFICATION CODE

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

[ ] LA2-ESS-HEX - [①] - [②] - [③] - [④] - [⑤] - [⑥] - [⑦] - [⑧] - [⑨]

QTY.

Complete form to order Hex 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 — CRANBERRY X2
- [ ] 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 ouput 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

align Declare. Red List Free Ingredients MADE IN USA WITH GLOBAL AND DOMESTIC PRODUCTS

LightArt