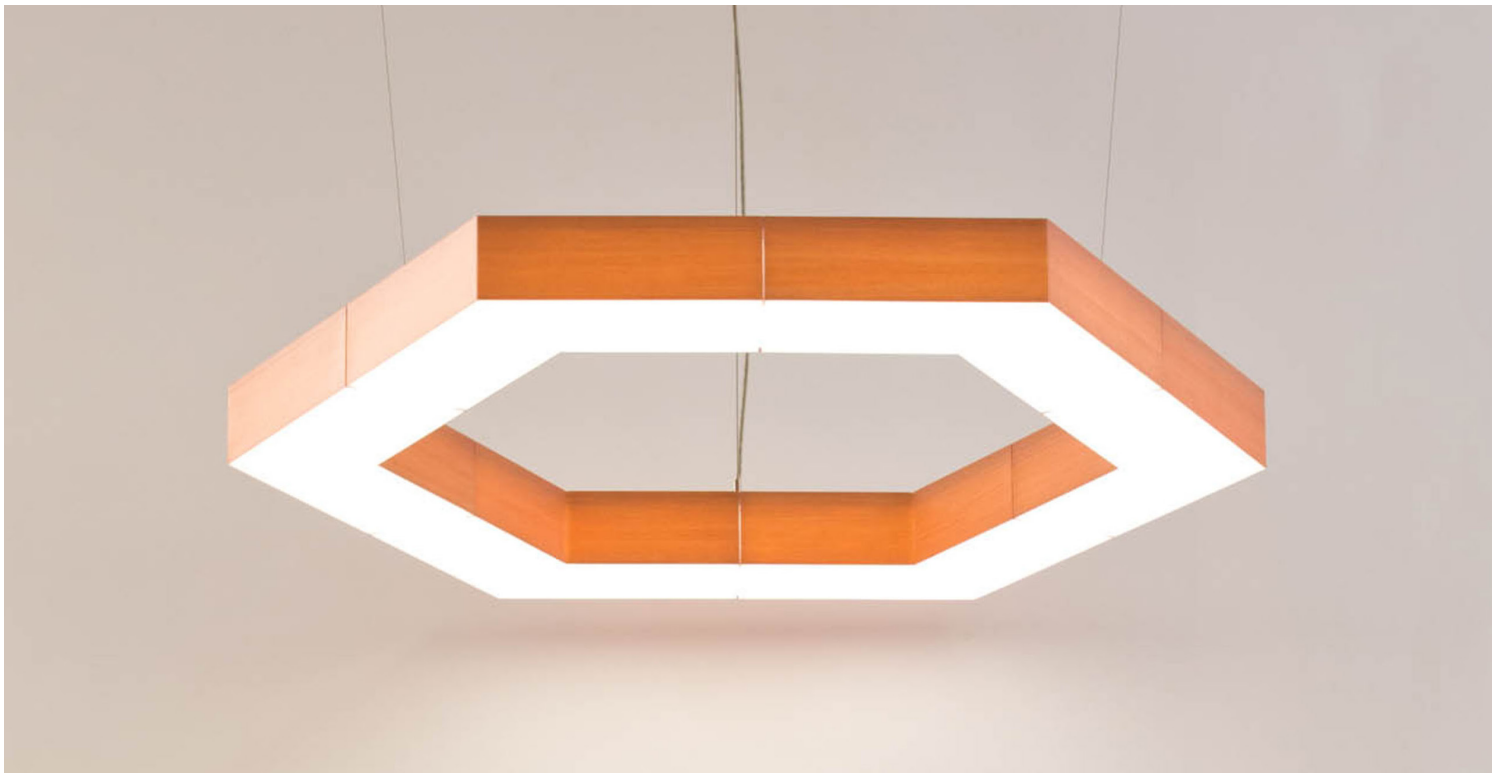
Hex Overview



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.

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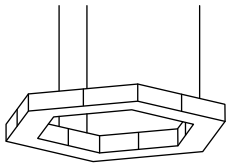
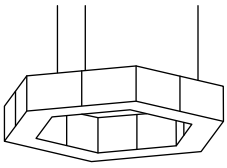
Hex Fixture Options

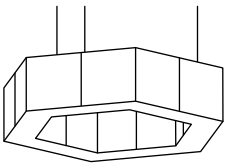
DIMENSIONS



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

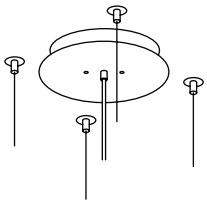
CANOPY / DRESS PLATE FINISH OPTIONS

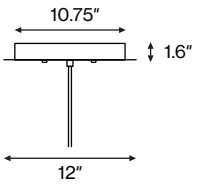
BLACK

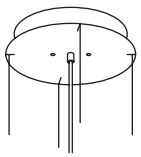
WHITE

CEILING HARDWARE

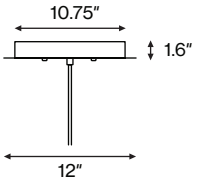
Available in both Recessed and Surface Mount canopys. For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5".







CABLES TO CANOPY



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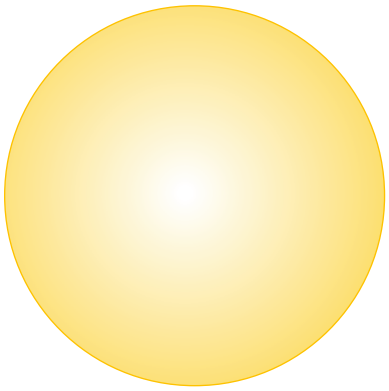
Hex Lighting Details

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 2700K / 90	0.98 0.93
3000K / 80 3000K / 90	1.02 097
3500K / 80 3500K / 90	1.00 1.00
4000K / 80 4000K / 90	1.08 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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Hex Part Number Specification

LA2 COLLECTION

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

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

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

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

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