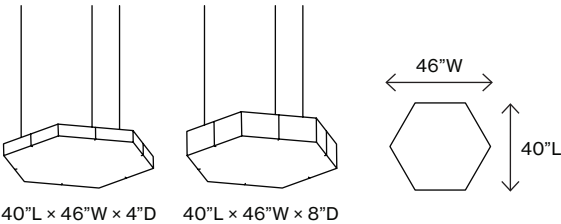# Hexagon Solid

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: 16ft. 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'. Available with multiple drop height J-hooks for group frame. Available with Grid hook for T-Grid Frame.

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 for higher lumen outputs. Driver accessible at canopy for lower lumen output. 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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Hexagon Solid

DIMENSIONS

40"L × 46"W × 4"D   40"L × 46"W × 8"D

46"W
40"L

VARIA COLORS OPTIONS

CAULDRON N41	ALMOND N20	GYPSUM N06	JARDIN G59
CITYSCAPE N45	MOONSTONE N31		

POME-GRANATE R37	REDWOOD N31	GINGER R14	SQUASH Y14
VAPOR W05			

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LightArt LA2 Lighting Fixtures with PVC-Free Cable
LightArt

EARL GREY TEAK	TOFFEE CHESTNUT	VANILLA ASH	HONEY OAT
DARK MOCHA WALNUT	BROWN SUGAR WALNUT	BOURBON CHERRY	

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Hexagon Solid

CEILING CONNECTIONS

CABLES TO CEILING
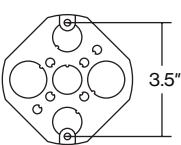
10.75″

↕ 1.6″

12″
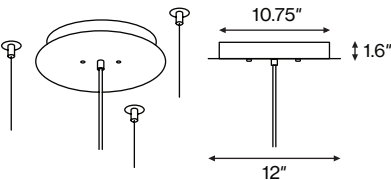
ULTRA SHALLOW CANOPY
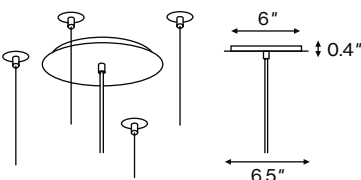
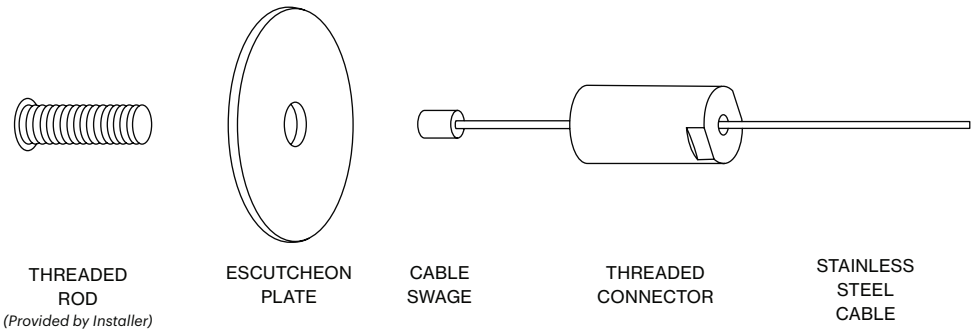*CK 19000+ lumens, TW 10000+ lumens, EM all lumens, available only with Ultra Shallow Canopy.*

6″

↕ 0.4″

6.5″

4″ OCTAGONAL JUNCTION BOX (BY OTHERS)

3.5″

CANOPY/DRESS PLATE FINISH OPTIONS

BLACK

WHITE

DECK MOUNT

THREADED ROD
(Provided by Installer)

ESCUTCHEON PLATE

CABLE SWAGE

THREADED CONNECTOR

STAINLESS STEEL CABLE

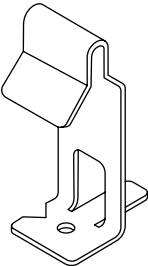## GRID MOUNT   *Contact LightArt for Grid Mount hook options*

3.5" AND 4.5" J-HOOKS
STANDARD OFFERING

4.5" AND 5.5" HOOKS
1" DROP

5.5" AND 6.5" HOOKS
2" DROP

6.5" AND 7.5" HOOKS
3" DROP
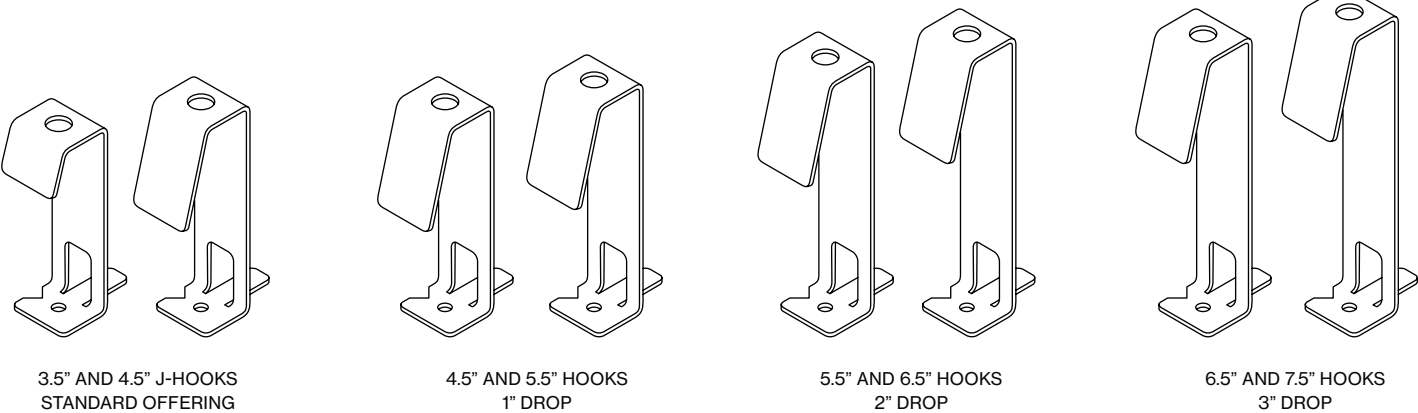
For CK, not available for 19000+ lumens.
For EM, not available.
For TW, not available for 10000+ lumens

GRIP HOOK

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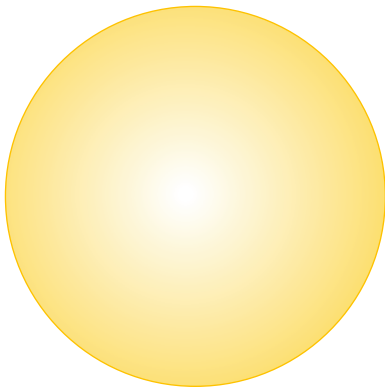
LIGHT DISTRIBUTION OPTIONS
Consult factory or lightart.com for IES files, tested in accordance with IESNA LM79
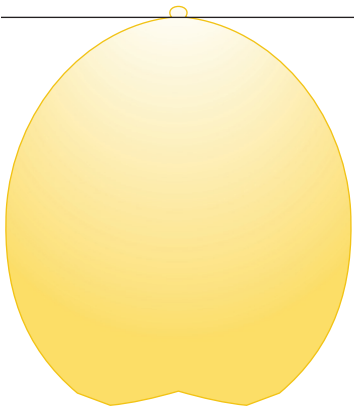
SIDE VIEW

TOP VIEW

PERFORMANCE – HEXAGON SOLID
Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
995	9	108
1989	19	107
2984	28	107
3978	37	107
4973	47	106
5967	57	105
6962	66	105
7956	76	104
8951	86	104
9945	96	104
10940	106	103
11934	116	103
12929	127	102
13923	137	101
14918	147	101
15913	158	101
16907	169	100
17902	179	100
18896	191	99
19891	202	98

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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Part Number Specification

SPECIFICATION CODE   *Example:*   *2 QTY CLF-LIGHT-SHEX-4H-GIN-DM-STD-930CK-5000LM-P01-WPC-WH*

[ ] QTY.   CLF-LIGHT-SHEX - [ ]① - [ ]② - [ ]③ - [ ]④ - [ ]⑤ - [ ]⑥ - [ ]⑦ - [ ]⑧ - [ ]⑨

Complete form to order Cloudform Hexagon Solid 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 HEIGHT

[ ]	4H	4" HEIGHT
[ ]	8H	8" HEIGHT

② MATERIAL

[ ]	CAU	CHALDRON	[ ]	POM	POMEGRANATE	[ ]	ESW	BROWN SUGAR WALNUT
[ ]	MOO	MOONSTONE	[ ]	RED	REDWOOD	[ ]	TCH	TOFFEE CHESTNUT
[ ]	JAR	JARDIN	[ ]	GIN	GINGER	[ ]	VAN	VANILLA ASH
[ ]	CIT	CITYSCAPE	[ ]	SQU	SQUASH	[ ]	OAT	HONEY OAT
[ ]	GYP	GYPSUM	[ ]	ALM	ALMOND	[ ]	DMW	DARK MOCHA WALNUT
			[ ]	VAP	VAPOR	[ ]	EGT	EARL GREY TEAK
						[ ]	BRC	BOURBON CHERRY

③ MOUNTING

[ ]	DM	DECK MOUNT
[ ]	GFM	GROUP FRAME MOUNT
[ ]	TGRD	T-GRID MOUNT

④ SUSPENSION

[ ]	STD	12" – 96"
[ ]	EXT	12" – 240"

⑤ LED CRI / CCT

[ ]	827CK	80 CRI / 2700K	[ ]	927CK	90 CRI / 2700K
[ ]	830CK	80 CRI / 3000K	[ ]	930CK	90 CRI / 3000K
[ ]	835CK	80 CRI / 3500K	[ ]	935CK	90 CRI / 3500K
[ ]	840CK	80 CRI / 4000K	[ ]	940CK	90 CRI / 4000K
			[ ]	TW	TUNABLE WHITE

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION

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CONTINUE SPECIFICATION

6 OUTPUT

☐ 1000LM	1000 LM
☐ 2000LM	2000 LM
☐ 3000LM	3000 LM
☐ 4000LM	4000 LM
☐ 5000LM	5000 LM
☐ 6000LM	6000 LM
☐ 7000LM	7000 LM
☐ 8000LM	8000 LM
☐ 9000LM	9000 LM
☐ 10000LM	10000 LM
☐ 11000LM	11000LM

☐ 12000LM	12000 LM
☐ 13000LM	13000 LM
☐ 14000LM	14000 LM
☐ 15000LM	15000 LM
☐ 16000LM	16000 LM
☐ 17000LM	17000 LM *Max Tunable White*
☐ 18000LM	18000 LM *Max EM Battery Option*
☐ 19000LM	19000 LM
☐ 20000LM	20000 LM
☐ CU*	CUSTOM OUTPUT

_____ lm

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

☐ WPC	WHITE
☐ BPC	BLACK

9 POWER CORD

☐ WH	WHITE
☐ BK	BLACK

Indicates modified choices; additional lead times and/or costs may apply.

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