

Trapezoid Small Solid

Overview

CLOUDFORM COLLECTION



Specifications

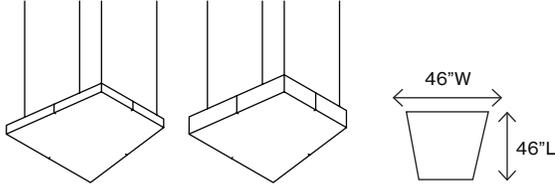
LIGHTING	Integrated LED light source offering high lumen output and efficacy. Color consistency of 3 SDCM. See additional information summarizing lumen distribution, wattage, and efficacy on following pages. Tunable white option available.	DRIVERS	120-277V constant current, dimming driver standard. Can 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 for higher lumen outputs. Driver accessible at canopy for lower lumen output. 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 L70(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: 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	WARRANTY	5 year warranty on all standard components.
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.		



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DIMENSIONS



46"L x 46"W x 4"D 46"L x 46"W x 8"D

VARIA COLORS OPTIONS

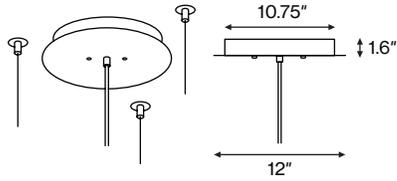


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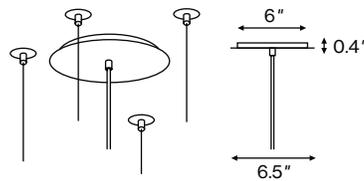
CEILING CONNECTIONS

CABLES TO CEILING

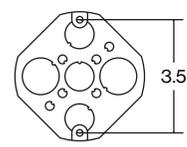


ULTRA SHALLOW CANOPY

CK 19000+ lumens, TW 10000+ lumens, EM all lumens, available only with Ultra Shallow canopy.



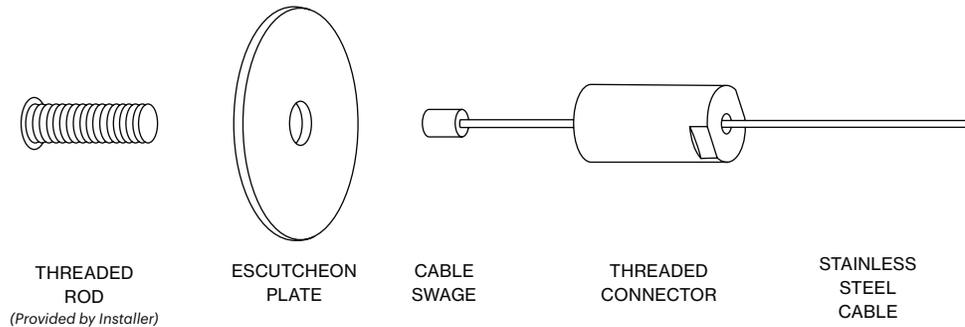
4" OCTAGONAL JUNCTION BOX (BY OTHERS)



CANOPY / DRESS PLATE FINISH OPTIONS



DECK MOUNT



THREADED ROD
(Provided by Installer)

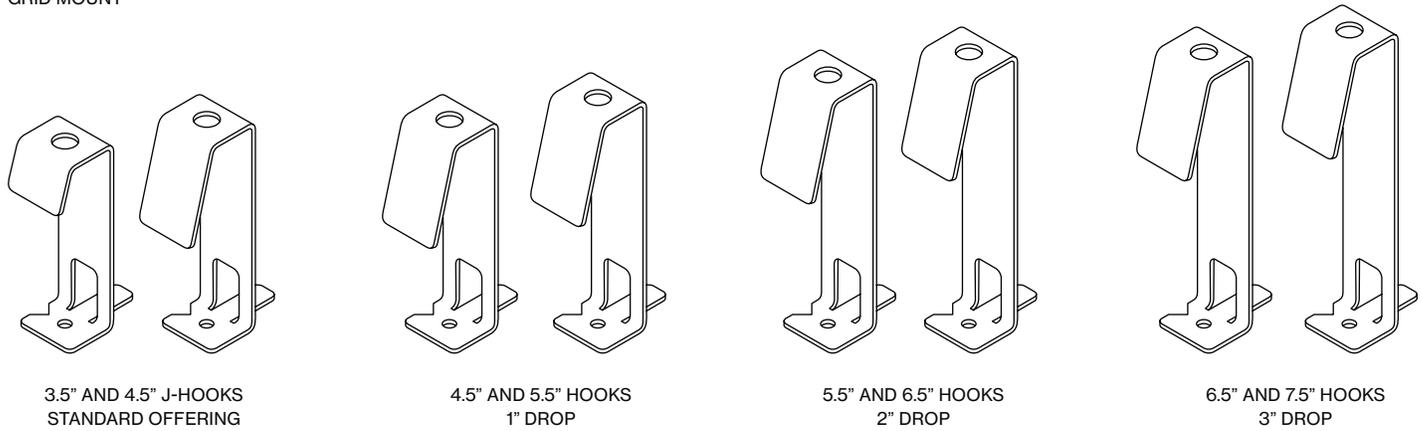
ESCUTCHEON PLATE

CABLE SWAGE

THREADED CONNECTOR

STAINLESS STEEL CABLE

GRID MOUNT



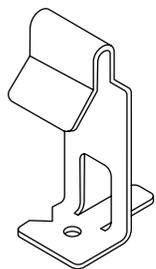
3.5" AND 4.5" J-HOOKS
STANDARD OFFERING
*For CK, not available for 19000+ lumens.
For EM, not available for all lumens.
For TW, not available for 10000+ lumens.*

4.5" AND 5.5" HOOKS
1" DROP

5.5" AND 6.5" HOOKS
2" DROP

6.5" AND 7.5" HOOKS
3" DROP

GRIP HOOK



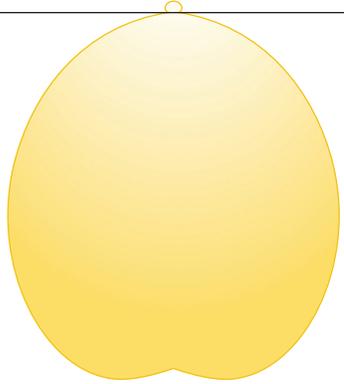
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Lighting Details

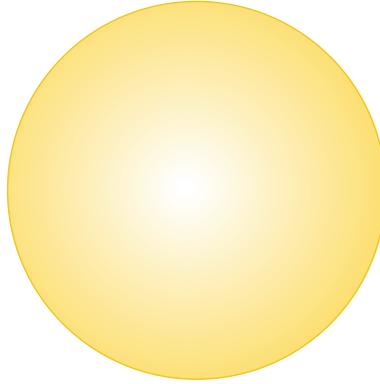
CLOUDFORM COLLECTION

LIGHT DISTRIBUTION OPTIONS

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



SIDE VIEW



TOP VIEW

PERFORMANCE – TRAPEZOID SMALL SOLID

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
997	9	110
1995	18	109
2992	28	108
3990	37	108
4987	46	107
5984	56	107
6982	66	107
7979	75	106
8977	85	106
9974	95	105
10971	105	104
11969	115	104
12966	125	104
13963	135	104
14961	146	103
15958	156	102
16956	166	102
17953	177	101
18950	189	100
19948	199	100

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



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Part Number 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
- 18000LM 18000 LM *Max Tunable White and 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 output 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, cost, and limited lumen outputs may apply.

