

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: 13.5ft. 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	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.		

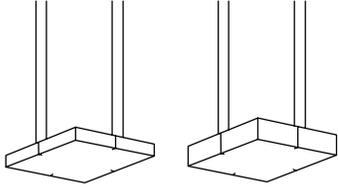


Square Solid

Fixture Options

CLOUDFORM COLLECTION

DIMENSIONS



46"L x 46"W x 4"D

46"L x 46"W x 8"D

VARIA COLORS OPTIONS



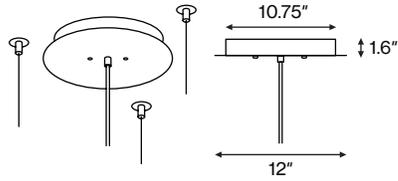
Square Solid

Fixture Options

CLOUDFORM COLLECTION

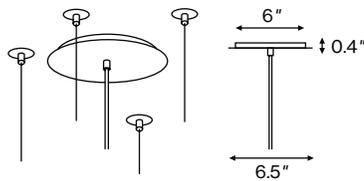
CEILING CONNECTIONS

CABLES TO CEILING

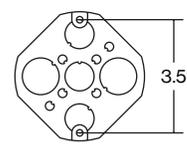


ULTRA SHALLOW CANOPY

CK 17000+ lumens, TW 9000+ lumens, EM all lumens, available only with Ultra Shallow Canopy.



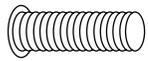
4" OCTAGONAL JUNCTION BOX (BY OTHERS)



CANOPY / DRESS PLATE FINISH OPTIONS

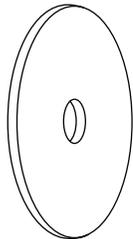


DECK MOUNT



THREADED ROD

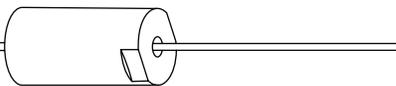
(Provided by Installer)



ESCUTCHEON PLATE



CABLE SWAGE

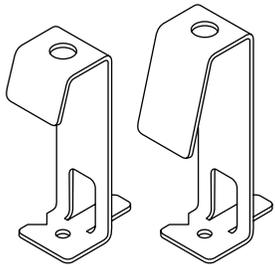


THREADED CONNECTOR

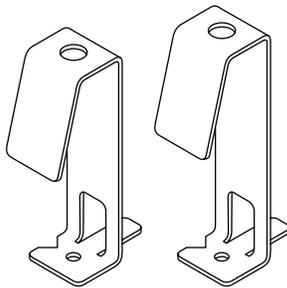
STAINLESS STEEL CABLE

GRID MOUNT

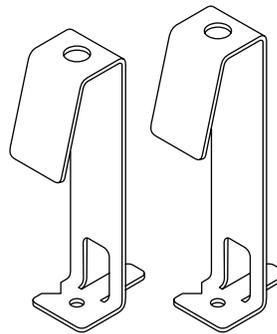
Contact LightArt for Grid Mount hook options



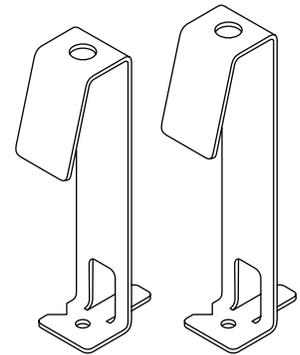
3.5" AND 4.5" J-HOOKS
STANDARD OFFERING



4.5" AND 5.5" HOOKS
1" DROP



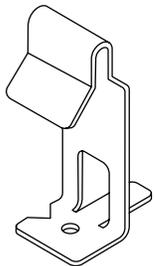
5.5" AND 6.5" HOOKS
2" DROP



6.5" AND 7.5" HOOKS
3" DROP

For CK, not available for 17000+ lumens.
For EM, not available for all lumens.
For TW, not available for 9000+ lumens.

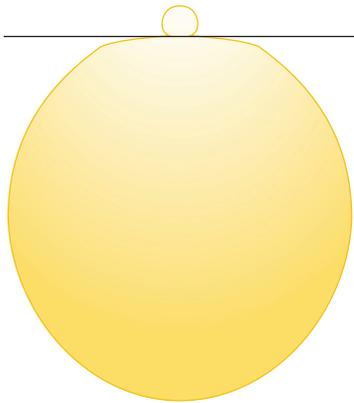
GRIP HOOK



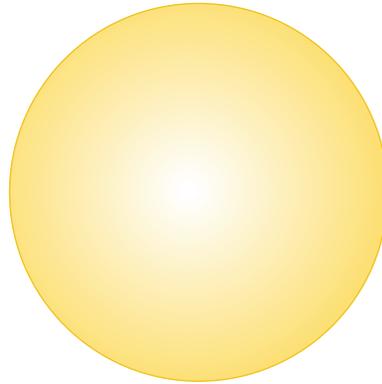
Square Solid

LIGHT DISTRIBUTION OPTIONS

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



SIDE VIEW



TOP VIEW

PERFORMANCE – SQUARE SOLID

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
1002	11	93
2002	22	93
3000	33	92
3998	44	92
5002	55	92
6000	66	91
7002	77	91
8000	88	91
9000	100	90
10000	111	90
11000	123	90
12000	135	89
13004	146	89
14000	158	89
15000	171	88
16000	183	87
17000	194	87
18000	207	87
19000	219	87
20032	232	86

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



SPECIFICATION CODE

Example: 2 QTY CLF-LIGHT-SSQ-4H-GIN-DM-STD-930CK-5000LM-P01-WPC-WH

QTY. CLF-LIGHT-SSQ-
 ① - ② - ③ - ④ - ⑤ - ⑥ - ⑦ - ⑧ - ⑨

Complete form to order Cloudform Square Solid 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 HEIGHT

- 4H 4" HEIGHT
- 8H 8" HEIGHT

2 MATERIAL

- | | | | | | |
|------------------------------|------------------------------------|------------------------------|--------------------------------------|------------------------------|---|
| <input type="checkbox"/> CAU | <input type="checkbox"/> CHALDRON | <input type="checkbox"/> POM | <input type="checkbox"/> POMEGRANATE | <input type="checkbox"/> ESW | <input type="checkbox"/> BROWN SUGAR WALNUT |
| <input type="checkbox"/> MOO | <input type="checkbox"/> MOONSTONE | <input type="checkbox"/> RED | <input type="checkbox"/> REDWOOD | <input type="checkbox"/> TCH | <input type="checkbox"/> TOFFEE CHESTNUT |
| <input type="checkbox"/> JAR | <input type="checkbox"/> JARDIN | <input type="checkbox"/> GIN | <input type="checkbox"/> GINGER | <input type="checkbox"/> VAN | <input type="checkbox"/> VANILLA ASH |
| <input type="checkbox"/> CIT | <input type="checkbox"/> CITYSCAPE | <input type="checkbox"/> SQU | <input type="checkbox"/> SQUASH | <input type="checkbox"/> OAT | <input type="checkbox"/> HONEY OAT |
| <input type="checkbox"/> GYP | <input type="checkbox"/> GYPSUM | <input type="checkbox"/> ALM | <input type="checkbox"/> ALMOND | <input type="checkbox"/> DMW | <input type="checkbox"/> DARK MOCHA WALNUT |
| | | <input type="checkbox"/> VAP | <input type="checkbox"/> VAPOR | <input type="checkbox"/> EGT | <input type="checkbox"/> EARL GREY TEAK |
| | | | | <input type="checkbox"/> BRC | <input type="checkbox"/> 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

- | | |
|--|--|
| <input type="checkbox"/> 827CK 80 CRI / 2700K | <input type="checkbox"/> 927CK 90 CRI / 2700K |
| <input type="checkbox"/> 830CK 80 CRI / 3000K | <input type="checkbox"/> 930CK 90 CRI / 3000K |
| <input type="checkbox"/> 835CK 80 CRI / 3500K | <input type="checkbox"/> 935CK 90 CRI / 3500K |
| <input type="checkbox"/> 840CK 80 CRI / 4000K | <input type="checkbox"/> 940CK 90 CRI / 4000K |
| | <input type="checkbox"/> TW TUNABLE WHITE |
- Driver selection limited to P01 and DALI*

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION



CONTINUE SPECIFICATION

6 OUTPUT

<input type="checkbox"/> 1000LM	1000 LM	<input type="checkbox"/> 12000LM	12000 LM
<input type="checkbox"/> 2000LM	2000 LM	<input type="checkbox"/> 13000LM	13000 LM
<input type="checkbox"/> 3000LM	3000 LM	<input type="checkbox"/> 14000LM	14000 LM
<input type="checkbox"/> 4000LM	4000 LM	<input type="checkbox"/> 15000LM	15000 LM <i>Max Tunable White</i>
<input type="checkbox"/> 5000LM	5000 LM	<input type="checkbox"/> 16000LM	16000 LM <i>EM Battery Option</i>
<input type="checkbox"/> 6000LM	6000 LM	<input type="checkbox"/> 17000LM	17000 LM
<input type="checkbox"/> 7000LM	7000 LM	<input type="checkbox"/> 18000LM	18000 LM
<input type="checkbox"/> 8000LM	8000 LM	<input type="checkbox"/> 19000LM	19000 LM
<input type="checkbox"/> 9000LM	9000 LM	<input type="checkbox"/> 20000LM	20000 LM
<input type="checkbox"/> 10000LM	10000 LM	<input type="checkbox"/> CU*	CUSTOM OUTPUT
<input type="checkbox"/> 11000LM	11000LM		

lm

7 DIMMING AND CONTROLS

<input type="checkbox"/> P01	0-10V 1% DIMMING
<input type="checkbox"/> LEC*	HI-LUME 1% ECOSYSTEM LED DRIVER SOFT ON, FADE TO BLACK (LDE1 SERIES)
<input type="checkbox"/> EBM	0-10V 1% DIMMING INTEGRATED EM BATTERY OPTION <i>Max Lumen output limited—consult LightArt. Not available with Tunable White.</i>
<input type="checkbox"/> DALI	DALI CONTROL

8 CANOPY OPTIONS

<input type="checkbox"/> WPC	WHITE
<input type="checkbox"/> BPC	BLACK

9 POWER CORD

<input type="checkbox"/> WH	WHITE
<input type="checkbox"/> BK	BLACK

*Indicates modified choices; additional lead times, cost, and limited lumen outputs may apply.

