

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.		

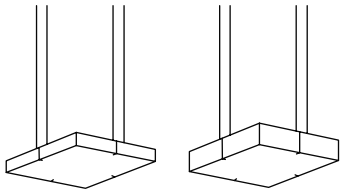


Square Solid

Fixture Options

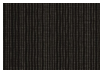
CLOUDFORM COLLECTION

DIMENSIONS



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

VARIA COLORS OPTIONS



CAULDRON
N41



ALMOND
N20



GYPSUM
N06



JARDIN
G59



CITYSCAPE
N45



MOONSTONE
N31



POME-
GRANATE
R37



REDWOOD
N31



GINGER
R14



SQUASH
Y14



VAPOR
W05



EARL GREY
TEAK



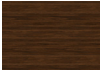
TOFFEE
CHESTNUT



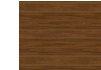
VANILLA
ASH



HONEY OAT



DARK
MOCHA
WALNUT



BROWN
SUGAR
WALNUT



BOURBON
CHERRY



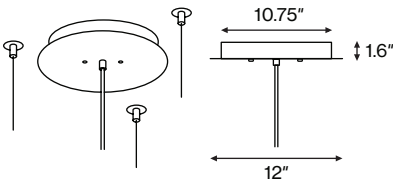
Square Solid

Fixture Options

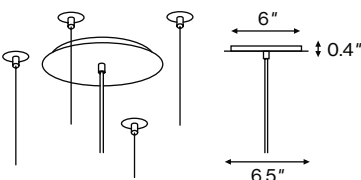
CLOUDFORM COLLECTION

CEILING CONNECTIONS

CABLES TO CEILING

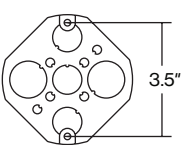


ULTRA SHALLOW CANOPY



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

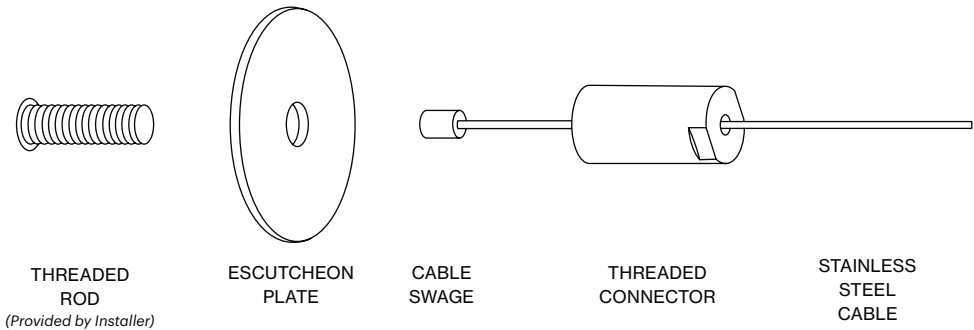
4" OCTAGONAL JUNCTION BOX (BY OTHERS)



CANOPY / DRESS PLATE FINISH OPTIONS

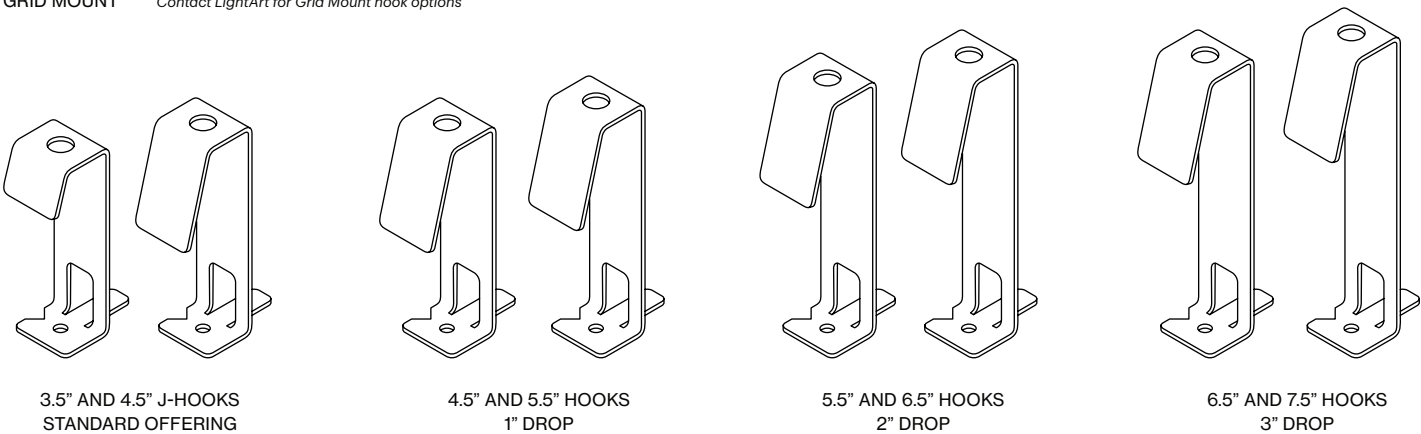


DECK MOUNT



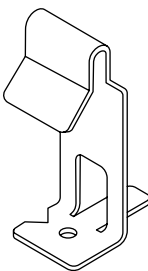
GRID MOUNT

Contact LightArt for Grid Mount hook options



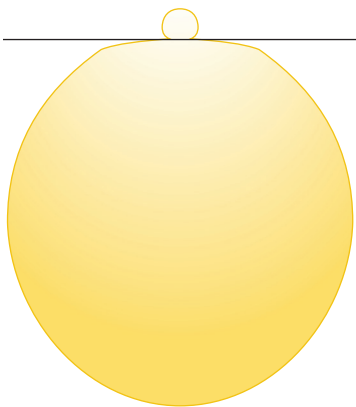
For CK, not available for 17000+ lumens.
For EM, not available for all lumens.
For TW, not available for 9000+ lumens.

GRIP HOOK

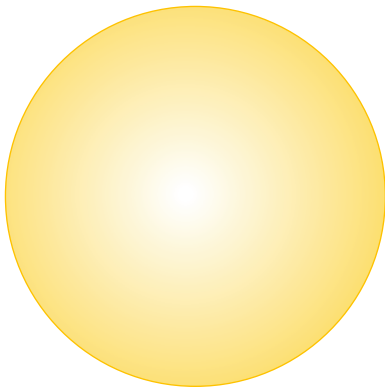


LIGHT DISTRIBUTION OPTIONS

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

$(850) \times (1.02) = 789\text{LM}$

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 and/or costs may apply.

1

HEIGHT

4H

4" HEIGHT

8H

8" HEIGHT

2

MATERIAL

CAU

MOO

JAR

CIT

GYP

CHALDRON

MOONSTONE

JARDIN

CITYSCAPE

GYPSUM

POM

RED

GIN

SQU

ALM

VAP

POMEGRANATE

REDWOOD

GINGER

SQUASH

ALMOND

VAPOR

ESW

TCH

VAN

OAT

DMW

EGT

BRC

BROWN SUGAR WALNUT

TOFFEE CHESTNUT

VANILLA ASH

HONEY OAT

DARK MOCHA WALNUT

EARL GREY TEAK

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

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

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION

CONTINUE SPECIFICATION

6 OUTPUT

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

1000 LM

2000 LM

3000 LM

4000 LM

5000 LM

6000 LM

7000 LM

8000 LM

9000 LM

10000 LM

11000LM

- ☐ 12000LM
- ☐ 13000LM
- ☐ 14000LM
- ☐ 15000LM
- ☐ 16000LM
- ☐ 17000LM
- ☐ 18000LM
- ☐ 19000LM
- ☐ 20000LM
- ☐ CU*

12000 LM

13000 LM

14000 LM

15000 LM *Max Tunable White*

16000 LM *EM Battery Option*

17000 LM

18000 LM

19000 LM

20000 LM

CUSTOM OUTPUT

lm

7 DIMMING AND CONTROLS

- ☐ P01
- ☐ LEC*
- ☐ EBM
- ☐ DALI

0-10V 1% DIMMING

HI-LUME 1% ECOSYSTEM LED DRIVER SOFT ON, FADE TO BLACK (LDE1 SERIES)

0-10V 1% DIMMING INTEGRATED EM BATTERY OPTION
Max Lumen output limited—consult LightArt.
Not available with Tunable White.

DALI CONTROL

8 CANOPY OPTIONS

- ☐ WPC
- ☐ BPC

WHITE

BLACK

9 POWER CORD

- ☐ WH
- ☐ BK

WHITE

BLACK

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

