

# Trapezoid Small Solid

Overview

CLOUDFORM COLLECTION



## Specifications

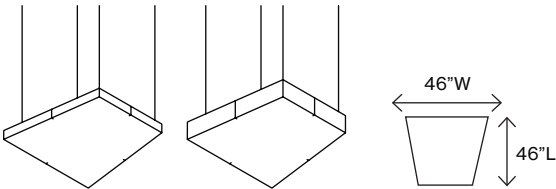
<b>LIGHTING</b>	Integrated LED light source offering high lumen output and efficacy. Color consistency of 3 SDCM. See additional information summarizing lumen distribution, wattage, and efficacy on following pages. Tunable white option available.	<b>DRIVERS</b>	120–277V constant current, dimming driver 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%.
<b>LUMEN MAINTENANCE</b>	Reported TM-21 Lifetimes L90(17k) = 52,600 hours L80(17k) > 102,000 hours L70(17k) > 102,000 hours	<b>CERTIFICATION</b>	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.
<b>CONSTRUCTION</b>	1/16" 3form Varia. White Opal top and bottom diffuser. Contact your local sales rep for material samples.	<b>CLEANING &amp; CARE</b>	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.
<b>ELECTRICAL</b>	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: <a href="http://www.bodine.com/products/inverter.html">http://www.bodine.com/products/inverter.html</a>	<b>WARRANTY</b>	5 year warranty on all standard components.
<b>MOUNTING</b>	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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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	



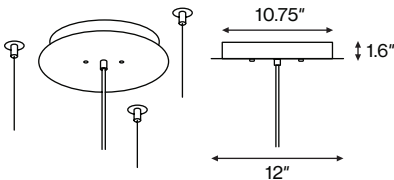
 EARL GREY TEAK	 TOFFEE CHESTNUT	 VANILLA ASH	 HONEY OAT
 DARK MOCHA WALNUT	 BROWN SUGAR WALNUT	 BOURBON CHERRY	

# Trapezoid Small Solid

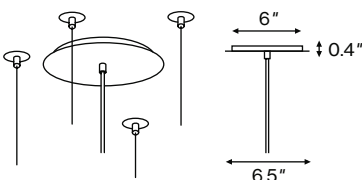
CLOUDFORM COLLECTION

## CEILING CONNECTIONS

### CABLES TO CEILING

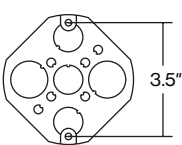


### ULTRA SHALLOW CANOPY



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

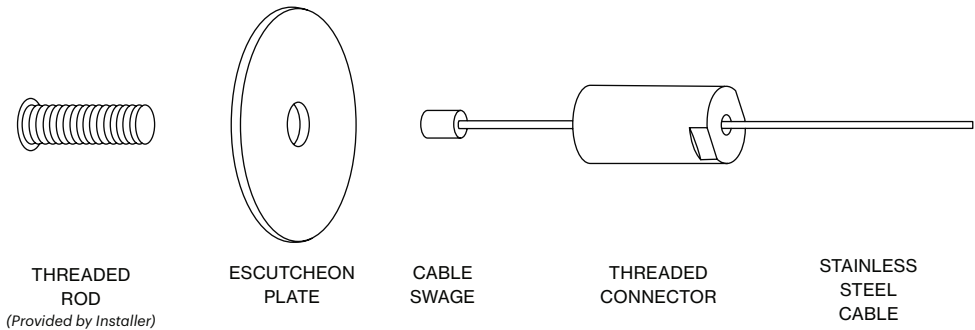
### 4" OCTAGONAL JUNCTION BOX (BY OTHERS)



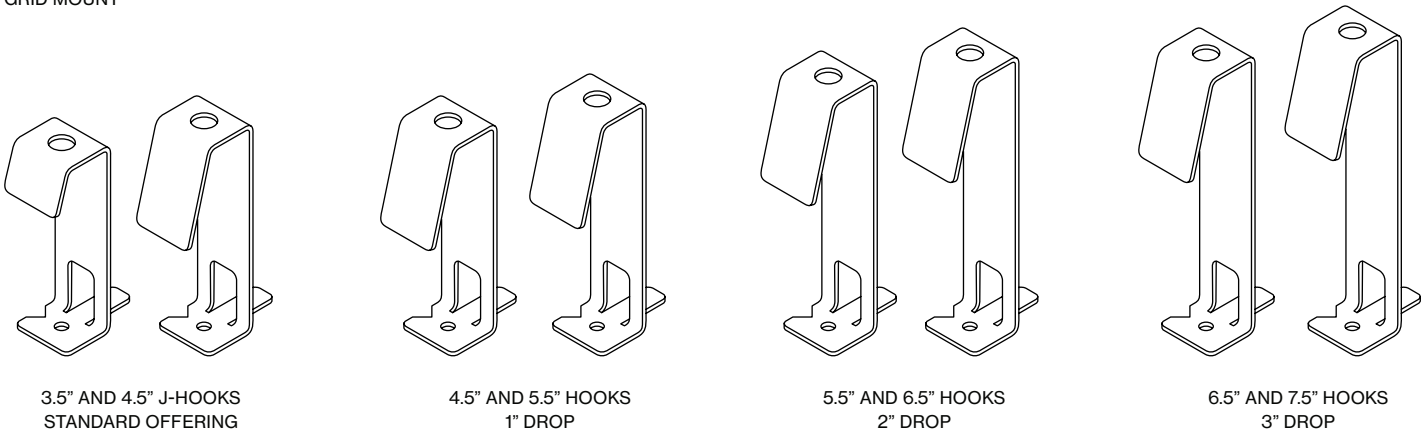
### CANOPY / DRESS PLATE FINISH OPTIONS



## DECK MOUNT

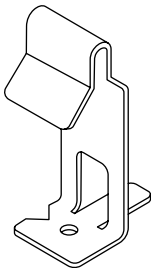


## GRID MOUNT



For CK, not available for 19000+ lumens.  
For EM, not available for all lumens.  
For TW, not available for 10000+ lumens.

## GRIP HOOK



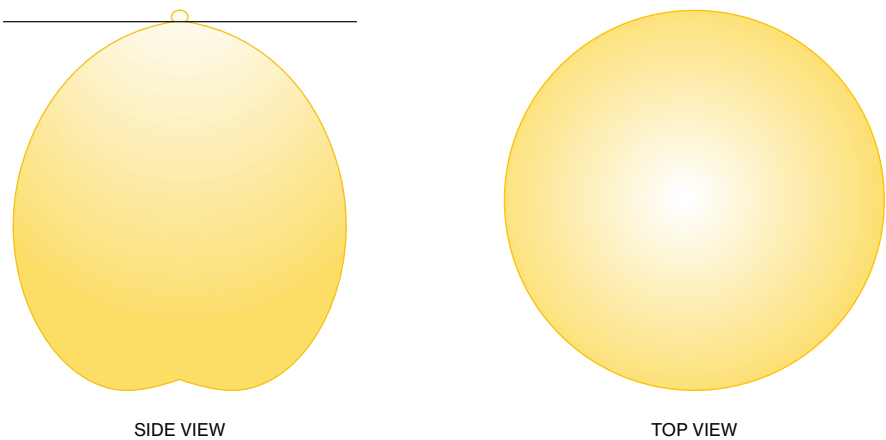
# Trapezoid Small Solid

Lighting Details

CLOUDFORM COLLECTION

LIGHT DISTRIBUTION OPTIONS

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



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

# Trapezoid Small Solid

Part Number Specification

CLOUDFORM COLLECTION

## SPECIFICATION CODE

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

QTY.  CLF-LIGHT-STRPS -  -  -  -  -  -  -  -  -  -

1 2 3 4 5 6 7 8 9

Complete form to order Cloudform Trapezoid Small 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

- |                              |                                    |                              |                                      |                              |   |
|------------------------------|------------------------------------|------------------------------|--------------------------------------|------------------------------|---|
| <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     |

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION

align Declare.



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
<input type="checkbox"/> 5000LM	5000 LM	<input type="checkbox"/> 16000LM	16000 LM
<input type="checkbox"/> 6000LM	6000 LM	<input type="checkbox"/> 17000LM	17000 LM
<input type="checkbox"/> 7000LM	7000 LM	<input type="checkbox"/> 18000LM	18000 LM <i>Max Tunable White and EM Battery Option</i>
<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

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