

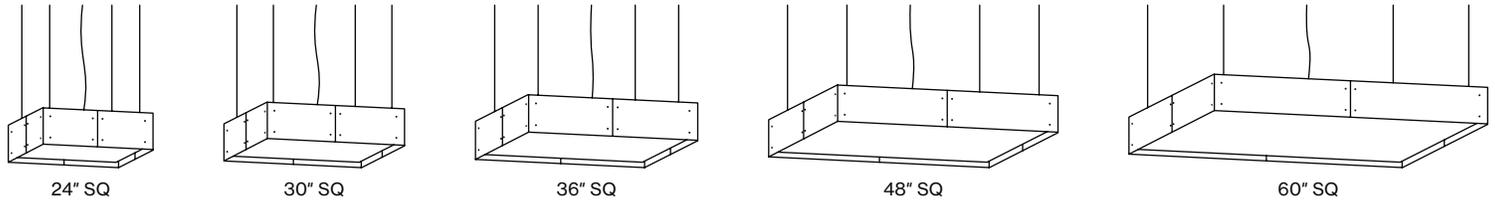


## Specifications

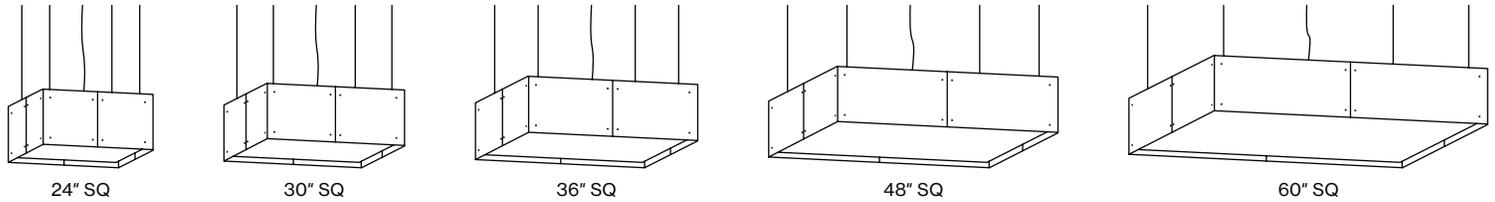
<b>LIGHTING</b>	Integrated LED light source offering high lumen output and efficacy. Color consistency of 3 SDCM. See additional information summarizing lumen distribution, wattage, and efficacy on following pages. Tunable white option available.	<b>DRIVERS</b>	120-277V constant current, dimming driver 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. 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: 10.5ft. 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: <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'	<div style="display: flex; justify-content: space-between; align-items: center;">    </div>	

## SHAPES & DIMENSIONS

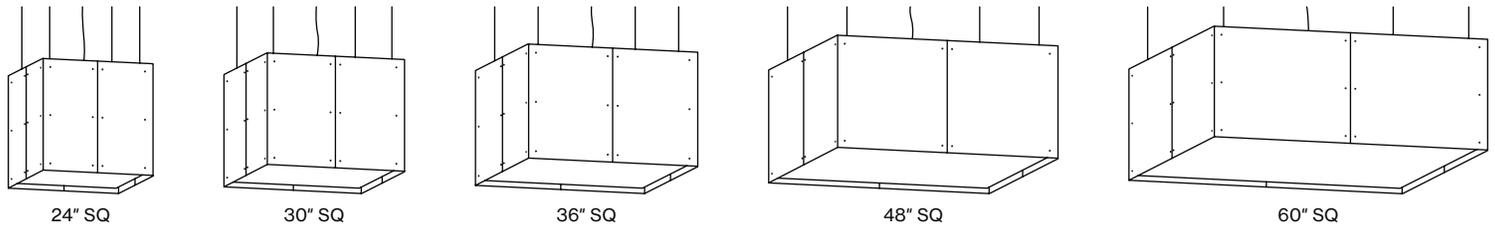
### 8" HEIGHT



### 12" HEIGHT



### 24" HEIGHT



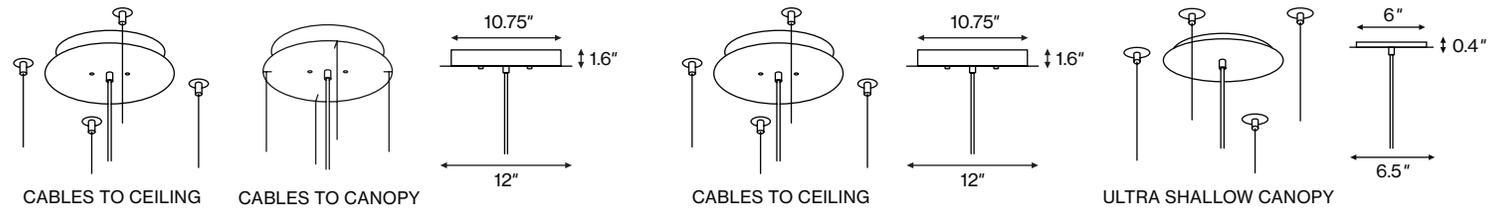
## CEILING CONNECTIONS

24" - 36" SQUARE

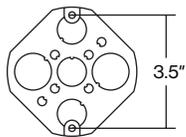
12" canopy standard for 24" Square and 32" Square

48" SQUARE | 60" SQUARE

1000-14000 lumens without EM Battery, and 1000-7000 lumens with Tunable White available with 12" canopy standard. 15000+ lumens, EM Battery, or 8000+ lumens with Tunable White available only with Ultra Shallow Canopy.



## 4" OCTAGONAL JUNCTION BOX (BY OTHERS)



Required for powered units; optional for unlit units

## CANOPY / DRESS PLATE FINISH OPTIONS



## STOCK SHADE MATERIALS\*



\*Due to manufacturing and construction process used to create the Essentials and Connected collection, Pattern+ and wood grains will not match at fixture seams. Lead times subject to change.



**PERFORMANCE – I/O BOX 24"**

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
998	10.85	92.00
2002	22.20	90.20
3000	33.94	88.40
3999	46.19	86.60
5002	59.10	84.60
6001	72.51	82.80
7584	86.56	87.60
7998	101.34	78.90
9002	117.01	76.90
10000	133.33	75.00

**PERFORMANCE – I/O BOX 30"-36"**

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
998	10.76	92.80
1997	21.70	92.00
2995	32.87	91.10
4004	46.87	85.40
5002	56.03	89.30
6001	67.88	88.40
6999	80.02	87.50
7998	92.38	86.60
8996	105.04	85.60
10004	118.20	84.60
11004	131.42	83.70
12002	145.01	82.80
13000	158.91	81.80

**PERFORMANCE – I/O BOX 48"-60"**

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
998	10.72	93.10
1996	21.53	92.70
2996	32.43	92.40
3994	43.40	92.00
4992	54.53	91.50
5990	65.74	91.10
7010	77.37	90.60
8008	88.80	90.20
9006	100.32	89.80
10004	112.05	89.30
11004	123.87	88.88
12002	135.77	88.40
13000	147.84	87.90
13998	160.04	87.50
14996	172.32	87.00
15996	184.76	86.60
16992	197.47	86.00
17992	210.08	85.60
18992	223.03	85.20
20008	236.40	84.60

**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:

$L_1 = (\text{Lumen output at 3500K / 90 CRI}) \times$

$C_m = (\text{Color Temp. / CRI Multiplier}) \times$

Example:

850LM / 3000K / 80CRI

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



MADE IN USA WITH GLOBAL AND DOMESTIC PRODUCTS

# I/O Box

## Part Number Specification

I/O COLLECTION

### SPECIFICATION CODE

Example: 2 QTY COL-IO-BOX-24SQ-12H-LI-STD-830CK-7000LM-P01-WPC-WH-CCL

COL-IO-BOX-----------

QTY. 1 2 3 4 5 6 7 8 9 10

Complete form to order I/O box 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 SIZE

<input type="checkbox"/> 24SQ	24" SQUARE
<input type="checkbox"/> 30SQ	30" SQUARE
<input type="checkbox"/> 36SQ	36" SQUARE
<input type="checkbox"/> 48SQ	48" SQUARE
<input type="checkbox"/> 60SQ	60" SQUARE

#### 2 HEIGHT

<input type="checkbox"/> 8H	8" HEIGHT
<input type="checkbox"/> 12H	12" HEIGHT
<input type="checkbox"/> 24H	24" HEIGHT

#### 3 MATERIAL

<input type="checkbox"/> LIN	<input type="checkbox"/> LINEA IVORY + NOIR
<input type="checkbox"/> LIK	<input type="checkbox"/> LINEA IVORY + KHAKI
<input type="checkbox"/> LI	<input type="checkbox"/> LINEA IVORY
<input type="checkbox"/> VP	<input type="checkbox"/> VEIL PURE
<input type="checkbox"/> TS	<input type="checkbox"/> TRANSLUCENT SUEDE
<input type="checkbox"/> CUST*	<input checked="" type="checkbox"/> CUSTOM COLOR

#### 4 SUSPENSION

<input type="checkbox"/> STD	12" - 96"
<input type="checkbox"/> EXT*	24" - 240"

#### 5 LED CRI/CCT

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

#### 6 OUTPUT

<input type="checkbox"/> 1000LM	1000 LM / FT	<input type="checkbox"/> 12000LM	12000 LM / FT
<input type="checkbox"/> 2000LM	2000 LM / FT	<input type="checkbox"/> 13000LM	13000 LM / FT 30"- 36"SQ Max Standard Output
<input type="checkbox"/> 3000LM	3000 LM / FT	<input type="checkbox"/> 14000LM	14000 LM / FT 48"- 60"SQ Max Tunable White and EM Battery Option
<input type="checkbox"/> 4000LM	4000 LM / FT	<input type="checkbox"/> 15000LM	15000 LM / FT
<input type="checkbox"/> 5000LM	5000 LM / FT	<input type="checkbox"/> 16000LM	16000 LM / FT
<input type="checkbox"/> 6000LM	6000 LM / FT 24"SQ Max Tunable White   24"SQ EM Battery Option	<input type="checkbox"/> 17000LM	17000 LM / FT
<input type="checkbox"/> 7000LM	7000 LM / FT 30"- 36"SQ Max Tunable White and EM Battery Option	<input type="checkbox"/> 18000LM	18000 LM / FT
<input type="checkbox"/> 8000LM	8000 LM / FT	<input type="checkbox"/> 1900LM	19000 LM / FT
<input type="checkbox"/> 9000LM	9000 LM / FT	<input type="checkbox"/> 20000LM	20000 LM / FT 48"- 60"SQ Max Standard Output
<input type="checkbox"/> 10000LM	10000 LM / FT 24"SQ Max Standard Output	<input type="checkbox"/> CU*	CUSTOM OUTPUT
<input type="checkbox"/> 11000LM	11000 LM / FT		

lm

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION

CONTINUE SPECIFICATION

### 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
- RWPC RECESSED WHITE
- RBPC RECESSED BLACK

### 9 POWER CORD

- WH WHITE
- BK BLACK

### 10 CABLE CONNECTION

- CCL CABLES TO CEILING
- CCN CABLES TO CANOPY  
*Only Available on 24" Square—consult LightArt for larger sizes.*

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



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