



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. 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: 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: 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'		



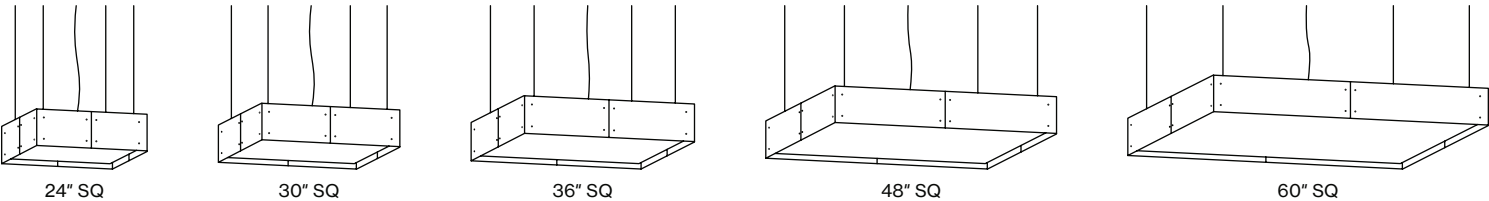
I/O Box

Fixture Options

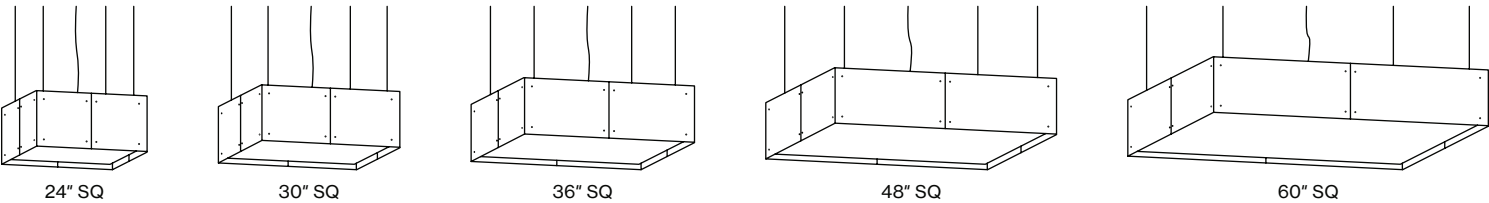
I/O COLLECTION

SHAPES & DIMENSIONS

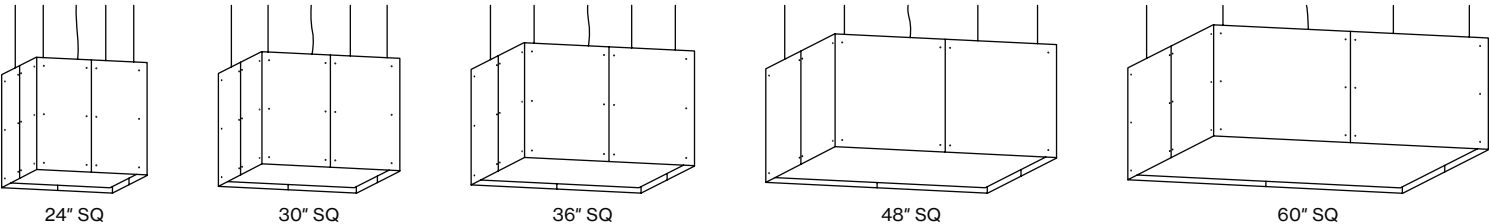
8" HEIGHT



12" HEIGHT



24" HEIGHT



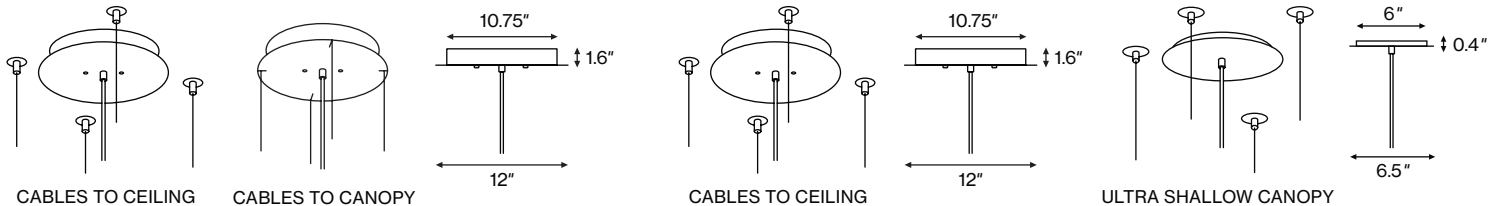
CEILING CONNECTIONS

24" - 36" SQUARE

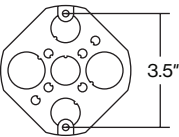
12" canopy standard for 24" Square and 32" Square

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 = (Lumen output at 3500K / 90 CRI) ×
 C_m = (Color Temp. / CRI Multiplier) ×
Example:
850LM / 3000K / 80CRI
(850) × (1.02)= 789LM

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-

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 and/or costs may apply.

1

SIZE

☐ 24SQ 24" SQUARE

☐ 30SQ 30" SQUARE

☐ 36SQ 36" SQUARE

☐ 48SQ 48" SQUARE

☐ 60SQ 60" SQUARE

2

HEIGHT

☐ 8H 8" HEIGHT

☐ 12H 12" HEIGHT

☐ 24H 24" HEIGHT

3

MATERIAL

☐ LIN

☐ LIK

☐ LI

☐ VP

☐ TS

☐ CUST*

LINEA IVORY + NOIR

LINEA IVORY + KHAKI

LINEA IVORY

VEIL PURE

TRANSLUCENT SUEDE

CUSTOM COLOR

4

SUSPENSION

☐ STD 12" – 96"

☐ EXT* 24" – 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

6

OUTPUT

☐ 1000LM 1000 LM / FT

☐ 2000LM 2000 LM / FT

☐ 3000LM 3000 LM / FT

☐ 4000LM 4000 LM / FT

☐ 5000LM 5000 LM / FT

☐ 6000LM 6000 LM / FT 24" SQ Max Tunable White | 24" SQ EM Battery Option

☐ 7000LM 7000 LM / FT 30" – 36" SQ Max Tunable White and EM Battery Option

☐ 8000LM 8000 LM / FT

☐ 9000LM 9000 LM / FT

☐ 10000LM 10000 LM / FT 24" SQ Max Standard Output

☐ 11000LM 11000 LM / FT

☐ 12000LM 12000 LM / FT

☐ 13000LM 13000 LM / FT 30" – 36" SQ Max Standard Output

☐ 14000LM 14000 LM / FT 48" – 60" SQ Max Tunable White and EM Battery Option

☐ 15000LM 15000 LM / FT

☐ 16000LM 16000 LM / FT

☐ 17000LM 17000 LM / FT

☐ 18000LM 18000 LM / FT

☐ 1900LM 19000 LM / FT

☐ 20000LM 20000 LM / FT 48" – 60" SQ Max Standard Output

☐ CU* CUSTOM OUTPUT

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 and/or costs may apply.