



Specifications

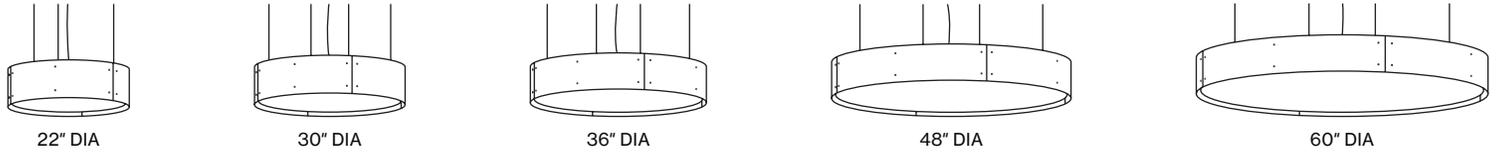
LIGHTING	Integrated LED light source offering high lumen output and efficacy. Color consistency of 3 SDCM. See additional information summarizing lumen distribution, wattage, and efficacy on following pages. Tunable white option available.	DRIVERS	120-277V constant current, dimming driver standard. Can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

I/O Drum Fixture Options

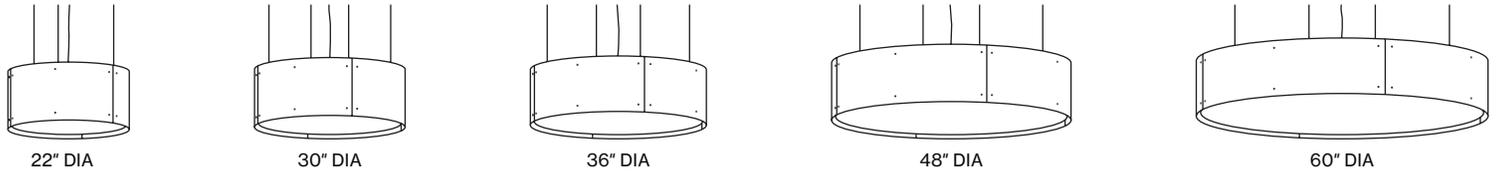
I/O COLLECTION

SHAPES & DIMENSIONS

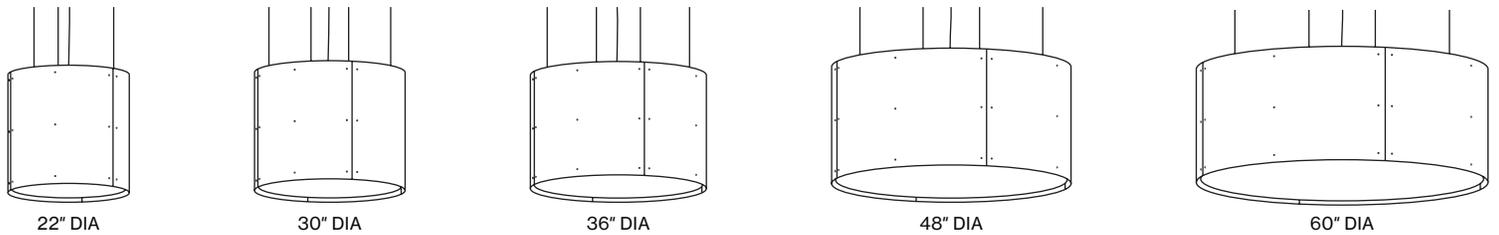
8" HEIGHT



12" HEIGHT



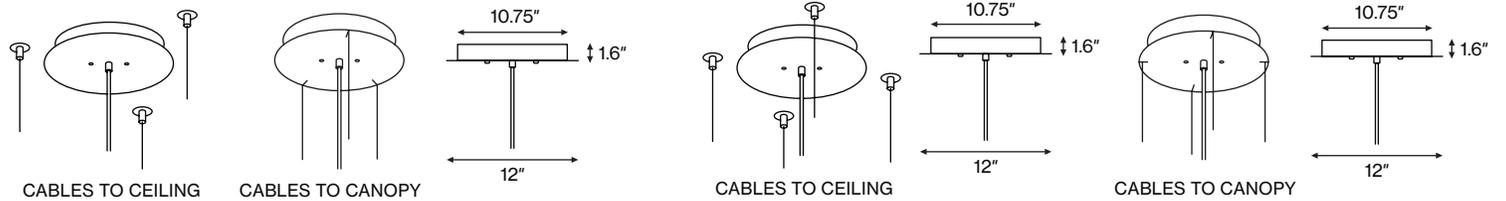
24" HEIGHT



CEILING CONNECTIONS

22" DIAMETER 12" canopy standard.

30" - 36" DIAMETER 12" canopy standard

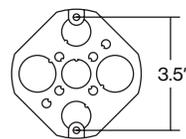
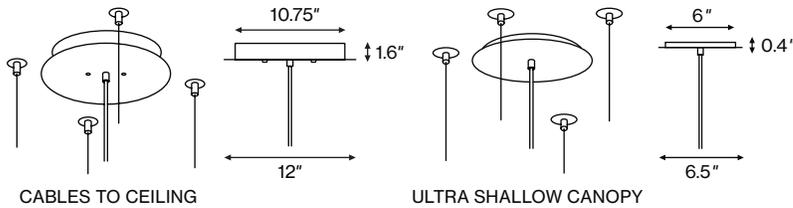


48" DIAMETER | 60" DIAMETER

1000-6000 lumens with or without EM Battery available with 12" canopy standard. 7000+ lumens available only with Ultra Shallow Canopy.

4" OCTAGONAL JUNCTION BOX (BY OTHERS)

CANOPY/DRESS PLATE FINISH OPTIONS



Required for powered units; optional for unlit units



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.

align Declare.



MADE IN USA WITH GLOBAL AND DOMESTIC PRODUCTS

PERFORMANCE – I/O DRUM 22"

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
1001	10.99	91.10
1999	22.56	88.60
3000	34.93	85.90
4001	48.15	83.10
5002	62.27	80.30
5999	77.43	77.50
7000	93.76	74.70

PERFORMANCE – I/O DRUM 30"-36"

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
1000	10.85	92.20
2001	22.03	90.80
3001	33.61	89.30
4001	45.62	87.70
5002	58.07	86.10
6002	70.98	84.60
7004	84.41	83.00
8002	98.39	81.30
8998	112.86	79.70
9998	128.03	78.10
10998	143.90	76.40
11998	160.42	74.80

PERFORMANCE – I/O DRUM 48"-60"

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
1006	10.80	93.10
1999	21.61	92.50
3005	32.74	91.80
3997	43.85	91.20
5003	55.30	90.50
5996	66.76	89.80
7002	78.58	89.10
7994	90.39	88.40
9000	102.52	87.80
10006	114.87	87.10
10998	127.32	86.40
12004	140.12	85.70
12998	152.93	85.00
14016	166.38	84.20
15008	179.62	83.60
16016	193.33	82.80
17008	207.03	82.20
18012	221.26	81.40
19008	235.47	80.70
20012	250.23	80.00

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

$(850) \times (1.02) = 789LM$



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 22" Diameter—consult LightArt for larger sizes.

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

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