



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'		



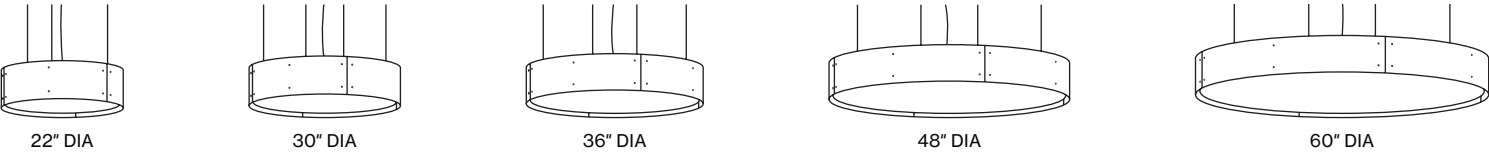
I/O Drum

Fixture Options

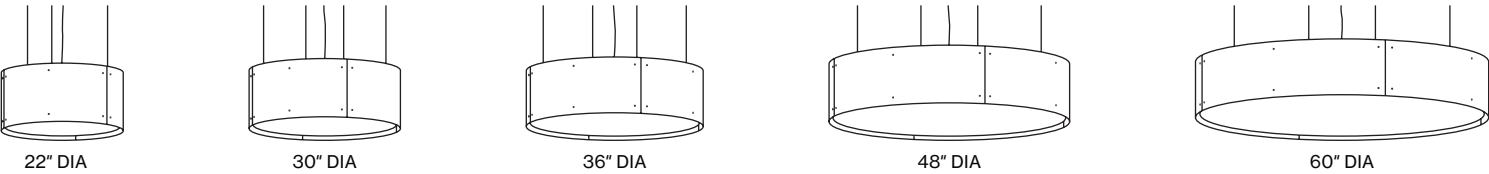
I/O COLLECTION

SHAPES & DIMENSIONS

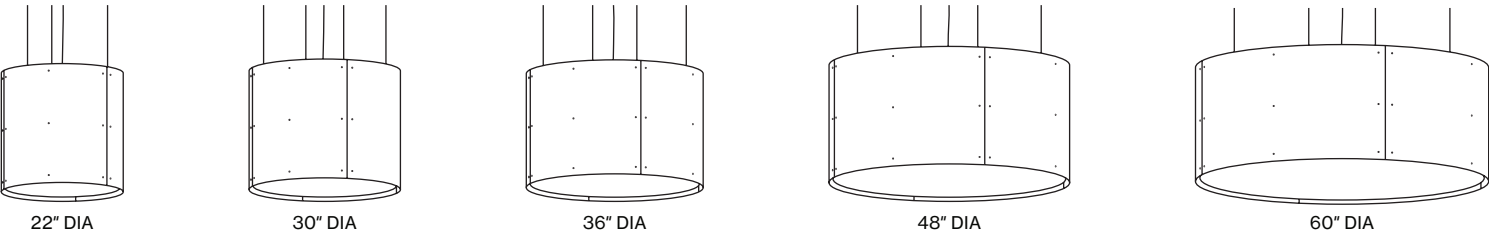
8" HEIGHT



12" HEIGHT



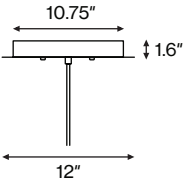
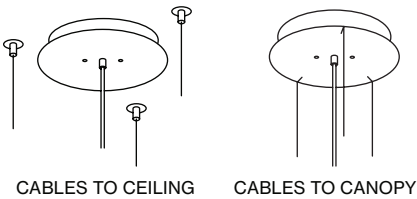
24" HEIGHT



CEILING CONNECTIONS

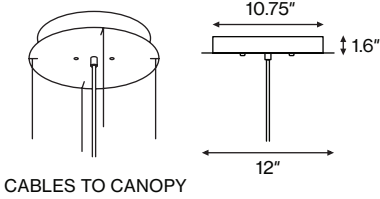
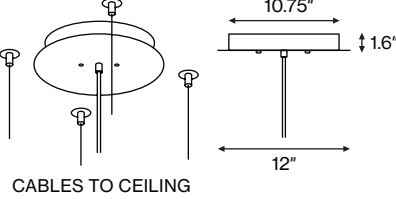
22" DIAMETER

12" canopy standard.



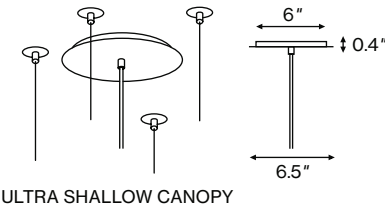
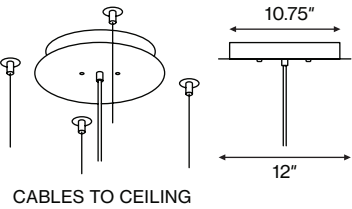
30" - 36" DIAMETER

12" canopy standard

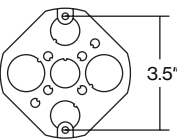


48" DIAMETER | 60" DIAMETER

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)



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.

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

I/O Drum

Part Number Specification

I/O COLLECTION

SPECIFICATION CODE

Example: 2 QTY COL-IO-DRUM-22D-12H-WZ-830CK-STD-WPC-WH

COL-IO-DRUM-------

QTY.

1

2

3

4

5

6

7

Complete form to order I/O 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

☐ 22D 22" DIA

☐ 30D 30" DIA

☐ 36D 36" DIA

☐ 48D 48" DIA

☐ 60D 60" DIA

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

☐ 2000LM 2000 LM

☐ 3000LM 3000 LM

☐ 4000LM 4000 LM

☐ 5000LM 5000 LM

☐ 6000LM 6000 LM 22"- 36"D Max Tunable White and EM Battery Option

☐ 7000LM 7000 LM 22"D Max Standard Output

☐ 8000LM 8000 LM

☐ 9000LM 9000 LM

☐ 10000LM 10000 LM

☐ 11000LM 11000 LM

☐ 12000LM 12000 LM 30"- 36"D Max Standard Output

☐ 13000LM 13000 LM 48"- 60"D Max Tunable White and Em Battery Option

☐ 14000LM 14000 LM

☐ 15000LM 15000 LM

☐ 16000LM 16000 LM

☐ 17000LM 17000 LM

☐ 18000LM 18000 LM

☐ 1900LM 19000 LM

☐ 20000LM 20000 LM 48"- 60"D Max Standard Output

☐ CU* CUSTOM OUTPUT

lm

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION

align Declare.



MADE IN USA
WITH GLOBAL AND
DOMESTIC PRODUCTS

CONTINUE SPECIFICATION

7

DIMMING AND CONTROLS

☐ PO1

☐ 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

☐ RWPC

☐ RBPC

WHITE

BLACK

RECESSED WHITE

RECESSED BLACK

9

POWER CORD

☐ WH

☐ BK

WHITE

BLACK

10

CABLE CONNECTION

☐ CCL

☐ CCN

CABLES TO CEILING

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.