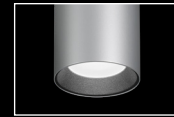


# ID+ 3.5" Pure Cylinder

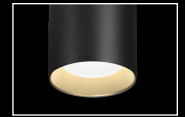
LED PENDANT



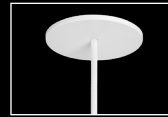
White



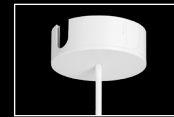
Palladium Silver



Black



Shallow Canopy



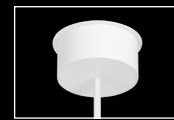
Decorative  
Shallow Canopy



Power Canopy



Decorative Power  
Canopy

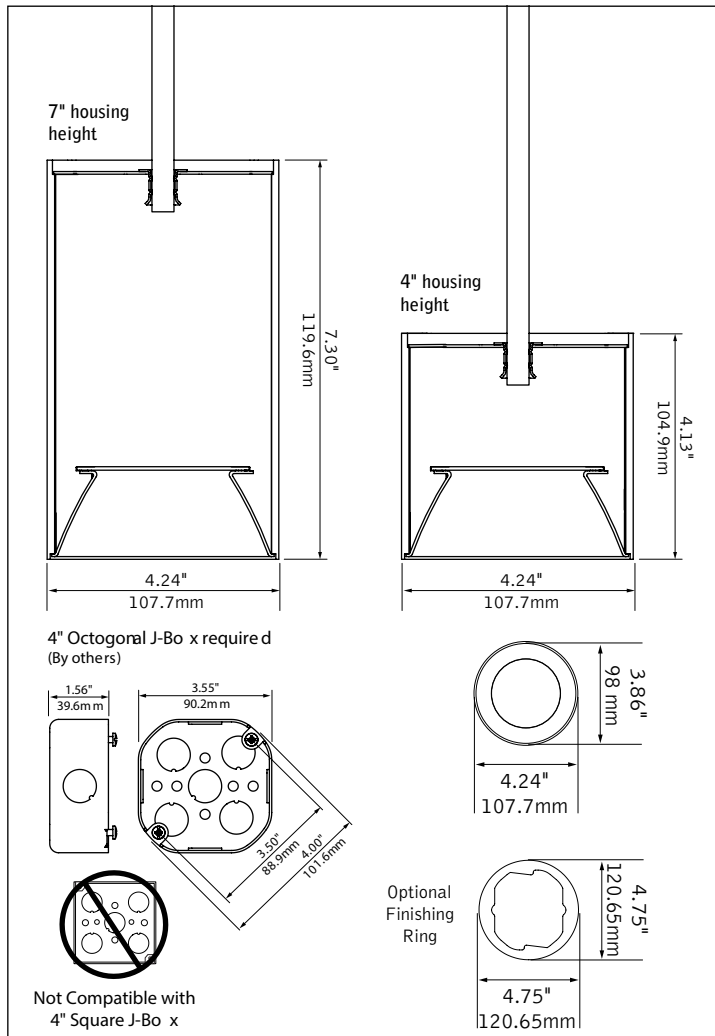


Mini Power  
Canopy



Surface Mount  
Companion

## DIMENSIONAL DATA



## FEATURES

3.5" solid body cylinder pendant available in 4" or 7" housing heights.

50°, 60° and 75° cut-off reflector options available.

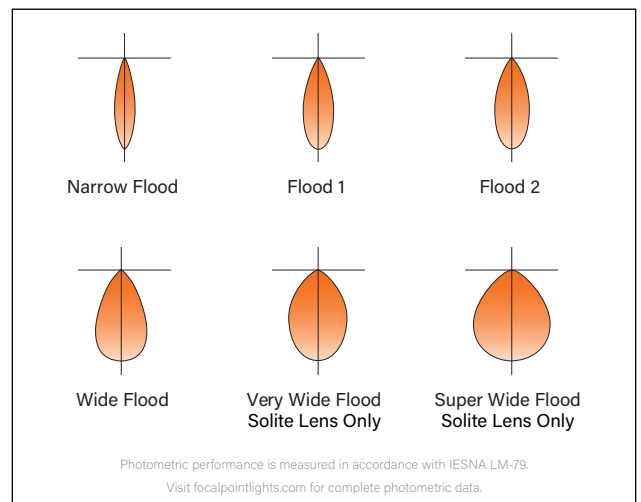
25° to 90° beam spreads support accent lighting, task lighting and general illumination.

Multiple canopy options enable various driver offerings and conduit installations while maintaining premier aesthetics.

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Cohesive and powerful performance by using the optics and light sources of ID+ 3.5" recessed family.

## DISTRIBUTIONS



fixture:

project:

SPECIFICATIONS




LED System

Proprietary LED module with single light emitting source. May be specified in 2700K, 3000K, 3500K or 4000K in CRI>80 or CRI>90. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. Color accuracy within 2 SDCM. Aluminum heat sink provides appropriate thermal management.

Construction

Housing is extruded aluminum. Internal reflector (DNT and DNS) are spun aluminum. DSS reflector is die-cast aluminum. Fixture will not exceed 9 lb.

Optics

Optic	Cut-off degree	Distribution Beam Spread   Spacing Criteria						
		NFL	FL1	FL2	WFL	VWFL	SWFL	
DNT	 50°	26°   0.54	37°   0.62	45°   0.76	58°   0.87	—	—	
DNS	 60°	25°   0.42	37°   0.63	45°   0.75	56°   0.92	—	—	
DSS	 75°	26°   0.44	37°   0.60	45°   0.72	56°   0.84	74°   1.07	91°   1.24	

Electrical

Choice of constant current dimming drivers. Power factor > .9 typical. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires. L11 & LFP with Shallow Canopy (SC), Decorative Shallow Canopy (DSC), and Mini Power Canopy (MPC) not Right Light as standard, consult factory.

Emergency

Emergency output —171ft for CD/ WH reflectors, and 151ft for WD/ BK reflectors. J-box cannot be recessed above the ceiling with Emergency Battery.

Labels

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

Finish

Polyester powder coat applied over a multi-stage pre-treatment.

Lumen Maintenance

Calculated: L70 at 60,000hours

Reported: L70 at 60,000 hours

(Derived from EPA TM-21 calculator per X,000 hours of LED test data)

Reliability

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

Warranty

LED system rated for operation in ambient environments up to 25°C. 5 year limited warranty.

7" ORDERING Luminaire Series			FLCY3N	FLCY3N
ID+ 3.5" Pure Cylinder			FLCY3N	
Trim Type				RD
Round			RD	
Housing Height				7H
7"			7H	
Up to 24" in 1/2" increment with conditions. Consult factory for details.)				
Direct Lumen Output				
700 Lumens*			700DN	
900 Lumens*			900DN	
1100 Lumens			1100DN	
1300 Lumens			1300DN	
1500 Lumens			1500DN	
1700 Lumens			1700DN	
1900 Lumens			1900DN	
2100 Lumens (PC, DPC or MPC only)			2100DN	
2300 Lumens (PC, DPC or MPC only. DSS not available.)			2300DN	
Color Temperature				
(Add 9 for 90 CRI or H for 97 CRI. Leave blank for 80 CRI.)				
2700K, 80/90/97+ CRI			_27K	
3000K, 80/90/97+ CRI			_30K	
3500K, 80/90/97+ CRI			_35K	
4000K, 80/90/97+ CRI			_40K	
Warm Dim Tunable White	2700-1800K, 90+ CRI**		92718W	
	3000-1800K, 90+ CRI**		93018W	
	1800-4000K, 90+ CRI (900DN max) <sup>†</sup>		91840T	
	2700-5000K, 90+ CRI (1300DN max) <sup>†</sup>		92750T	
	2700-6500K, 90+ CRI (1300DN max) <sup>†</sup>		92765T	
Circuits				1C
Single Circuit			1C	
Voltage				
UNV 120/277 Volt			UNV	
120 Volt			120	
277 Volt			277	
Low Voltage (LVN only)			LV	
Canopy Configuration				
Shallow Canopy, Integral Driver <sup>1</sup>			SC	
Shallow Canopy with decorative J-box cover, <sup>1</sup> Integral Driver			DSC	
Power Canopy, driver inside canopy <sup>2</sup>			PC	
Power Canopy with decorative J-box cover, <sup>2</sup> driver inside canopy			DPC	
Mini Power Canopy, drive inside canopy <sup>2</sup>			MPC	
(Cable or Fixed Stem only. L11 or LFP only. Not available with Warm Dim or Tunable White.)				
Canopy Color <sup>3</sup>				
Matte Black			BK	
Matte White			WH	
Paladium Silver			PS	
Control System & Dimming Level				
0-10V - 0% Dimming <sup>4</sup>			LZ1	
0-10V - 1% Dimming			L11	
0-10V - 10% Dimming <sup>4</sup>			LD1	
Low Voltage, PoE compatible (SC, DSC only. LV Voltage only. EMR, Warm Dim & Tunable White not available.)			LVN	
Phase Dimming			LFP	
(120V only. 700DN & 900DN not available with PC or DPC)				
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming <sup>4</sup>			LH1	
(700DN & 900DN not available.)				
DALI - 0% Dimming <sup>4</sup>			DZ1	
DALI - <1% Dimming (Tunable White) <sup>4</sup>			DZTW	
DALI - 1% Dimming <sup>4</sup>			D11	
Mounting				
72" Cable, Straight Feed (Cut in field)			C72	
144" Cable, Straight Feed (Cut in field)			C144	
12", 50° Swivel Stem			B12	
18", 50° Swivel Stem			B18	
2'- 8' in 1' increments, 50° Swivel Stem (Specify in inches, example: 8' stem = B96)			B_	
12", Fixed Stem			S12	
18", Fixed Stem			S18	
2'- 8' in 1' increments, Fixed Stem			S_	
Suspension Color <sup>5</sup>				
Black			BK	
White			WH	
Gray (Cable mount only. Not available with MPC or Tunable White.)	Paladium Silver (Stem mount only)		GRY	
			PS	
Direct Optic				
50° cut-off cone			DNT	
60° cut-off cone			DNS	
75° cut-off cone with Solite Lens			DSS	
Direct Distribution				
Narrow Flood			NFL	
Flood 1			FL1	
Flood 2			FL2	
Wide Flood			WFL	
Very Wide Flood (DSS only)			VWFL	
Super Wide Flood (DSS only)			SWFL	
LFP not available with PC or DPC.				
Factory Options				
Emergency Battery Remote (J-box cannot be recessed above the ceiling. Remote test switch. LV, Warm Dim & Tunable White not available.)			EMR	
Reflector Color				
Clear Diffuse			CD	
Warm Diffuse			WD	
White			WH	
Black			BK	
Luminaire Finish <sup>3</sup>				
Black			BK	
White			WH	
Paladium Silver			PS	
Custom Color options available			RAL_ _ _ _	
*(LFP not available with PC or DPC.)				
** (1500DN only. DNT or DNS only. PC or DPC only.)				
<sup>†</sup> (DZTW with PC or DPC only.)				
<sup>1</sup> (1900DN max., L11, LFP & LVN only)				
<sup>2</sup> (2300DN not available with DSS)				
<sup>3</sup> (specify your RAL color. Extended lead time, consult factory)				
<sup>4</sup> (PC or DPC only)				
<sup>5</sup> (specify your RAL color for Stem mount only. Extended lead time, consult factory)				



PERFORMANCE CHARTS

STANDARD WHITE				
CCT	Lumen Output	Delivered Lumens	Tested System Watts	LPW
3500K, 80 CRI	700DN	663	8	79
	900DN	852	10	90
	1100DN	1041	12	88
	1300DN	1231	15	81
	1500DN	1420	17	82
	1700DN	1609	20	82
	1900DN	1799	22	82
	2100DN	1988	24	82
	2300DN	2177	27	82

Based on Short Cone (DNS), 3500K, 80CRI, Wide Flood, Clear Diffuse. See page 5 for lumen performance multipliers. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

WD WARM DIM				
CCT	Lumen Output	Delivered Lumens	System Watts	LPW
93018K	1500DN	1442	25	57
92718K	1500DN	1423	25	56

TW TUNABLE WHITE				
CCT	Lumen Output	Delivered Lumens	System Watts	LPW
2700K (2700-5000K & 2700-6500K)	700DN	643	13	48
	900DN	837	17	50
	1100DN	1031	21	50
	1300DN	1212	24	50
1800K (1800-4000K)	700DN	650	20	33
	900DN	833	25	34

LUMEN MULTIPLIER TABLE

Optic & Distribution

Trim Type	Optic	Distribution	Multiplier
Round [RD]	Tall Cone with 50° cut-off [DNT]	Narrow Flood [NFL]	1.12
		Flood 1 [FL1]	0.92
		Flood 2 [FL2]	1.06
		Wide Flood [WFL]	0.92
	Short Cone with 60° cut-off [DNS]	Narrow Flood [NFL]	0.99
		Flood 1 [FL1]	0.96
		Flood 1 [FL1]	0.92
		Wide Flood [WFL]	0.95
	Super Short Cone with Solite Lens with 75° cut-off [DSS]	Narrow Flood [NFL]	0.95
		Flood 1 [FL1]	0.89
		Flood 2 [FL2]	0.94
		Wide Flood [WFL]	0.93
		Very Wide Flood [VWFL]	1.00
		Super Wide Flood [SWFL]	0.95

Reflector Color

Trim Type	Optic	Distribution	Multiplier
Round [RD]	Tall Cone with 50° cut-off [DNT]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.92
		White [WH]	1.09
		Black [BK]	0.46
	Short Cone with 60° cut-off [DNS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.96
		White [WH]	1.12
		Black [BK]	0.62
	Super Short Cone with Solite Lens with 75° cut-off [DSS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.97
		White [WH]	1.16
		Black [BK]	0.86

Color Lumen Multipliers

CRI	STANDARD WHITE CCT				WARM DIM CCT RANGES		TUNABLE WHITE CCT RANGES		
	2700	3000	3500	4000	2700-1800K	3000-1800K	1800-4000K	2700-5000K	2700-6500K
80+	0.92	0.98	1.00	1.01	—	—	—	—	—
90+	0.76	0.79	0.82	0.84	0.95	0.96	1.00	1.00	1.00
97+	0.67	0.72	0.76	0.76	—	—	—	—	—

How To Use Lumen Multipliers


Formula: (Lumen Output Value) x (Color Temperature & CRI) x (Optic & Distribution)

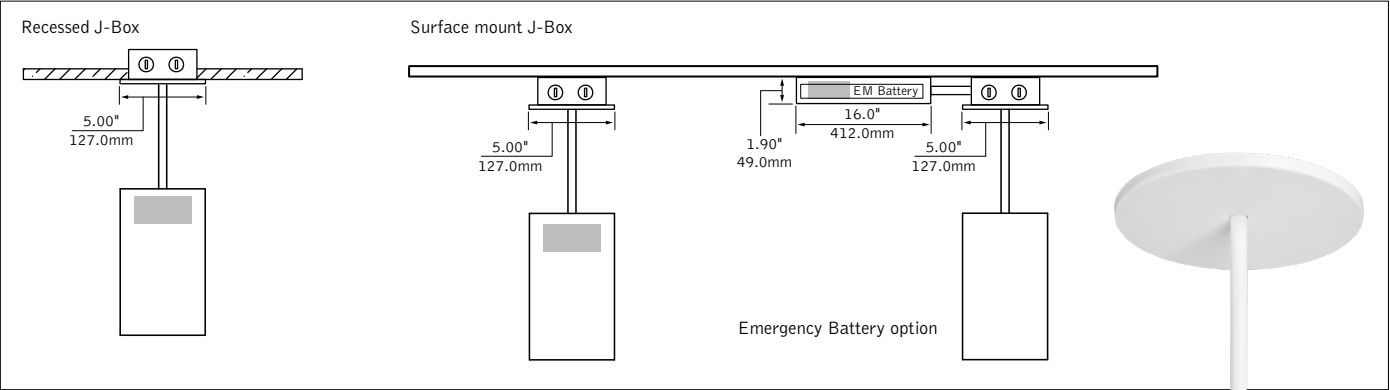
Example: FLCY3N-RD-1000DN-35K-DNT-FL1-CD

(1000) x (1.00) x (0.92) ≈ 920 lm (estimated delivered lumens)

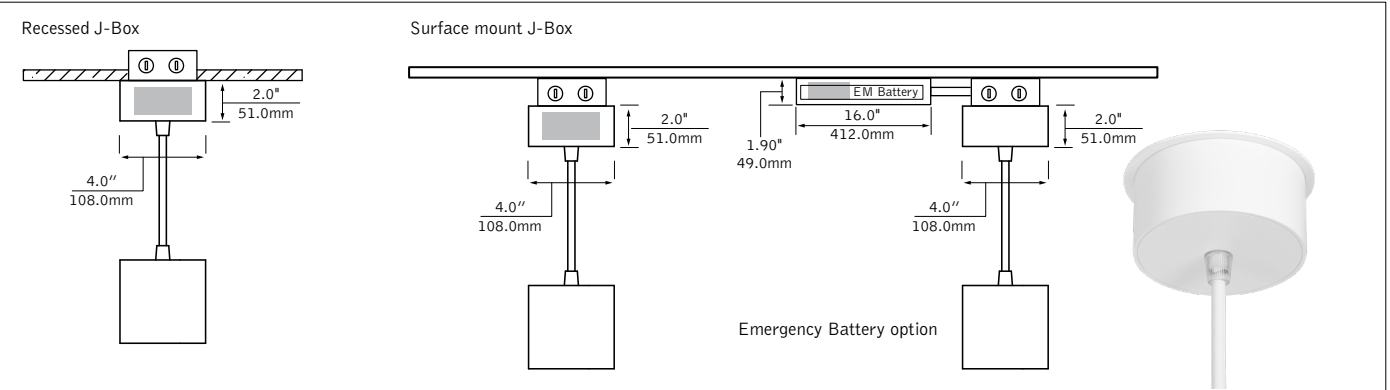
**DIMENSIONAL DATA**

SC - Shallow Canopy, Integral Driver

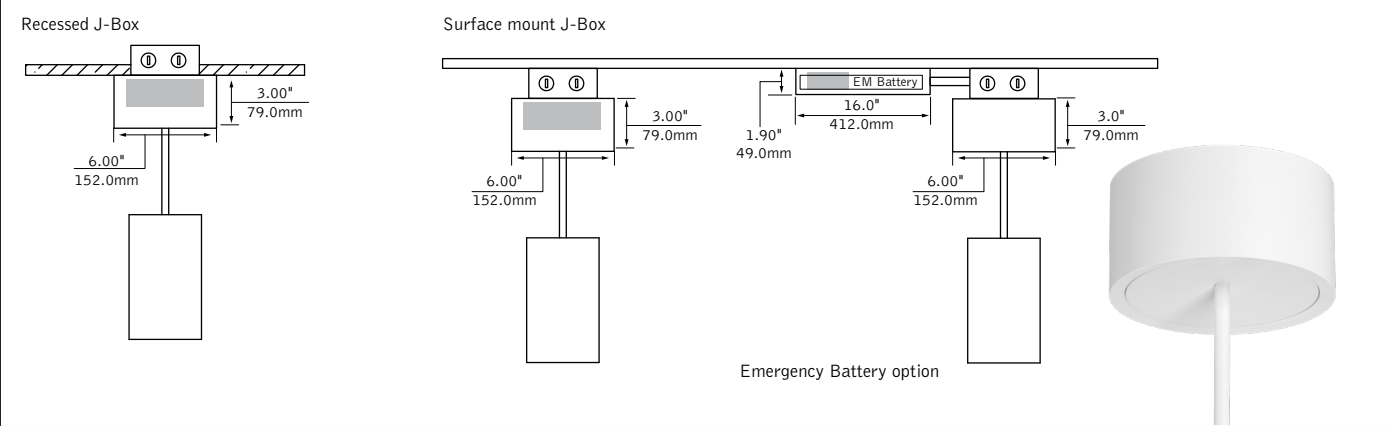
 Indicates Driver Location



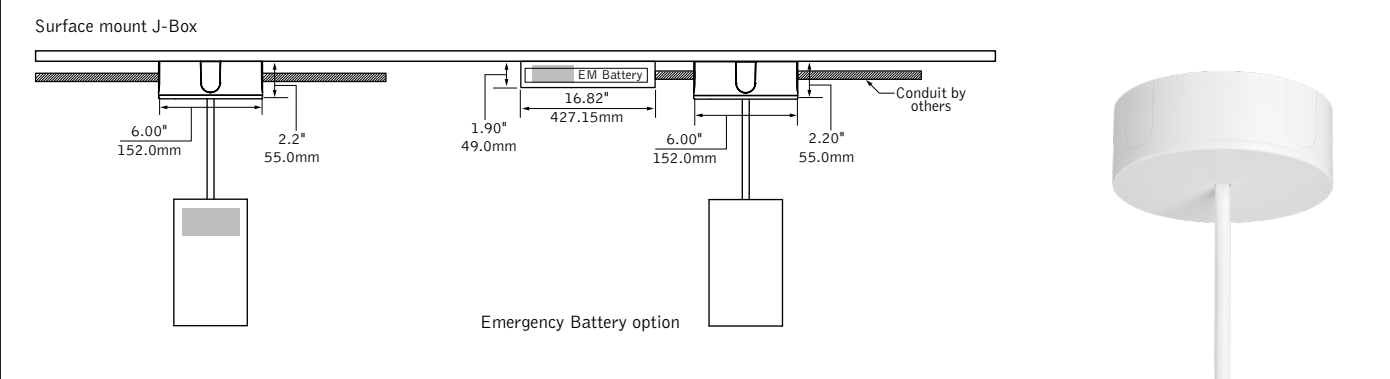
MPC - Mini Power Canopy (cable suspension shown)



PC - Power Canopy



DSC - Shallow Canopy with decorative J-box cover, Integral Driver



### DIMENSIONAL DATA CONTINUED

DPC - Power Canopy with decorative J-box cover

