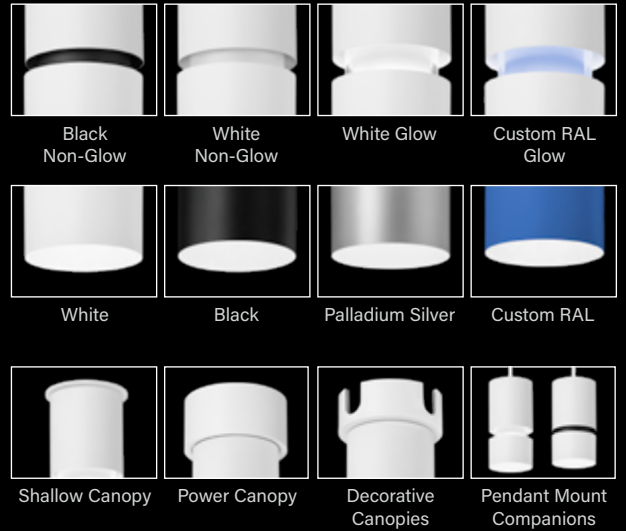
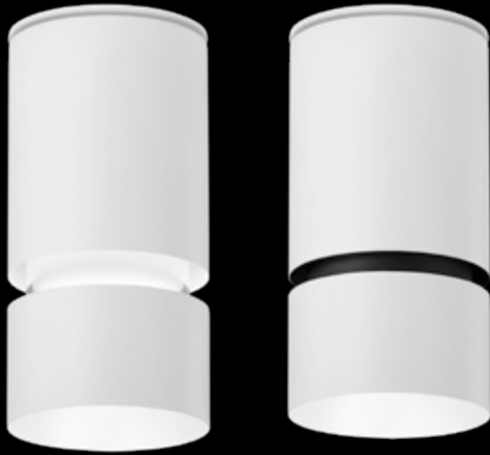
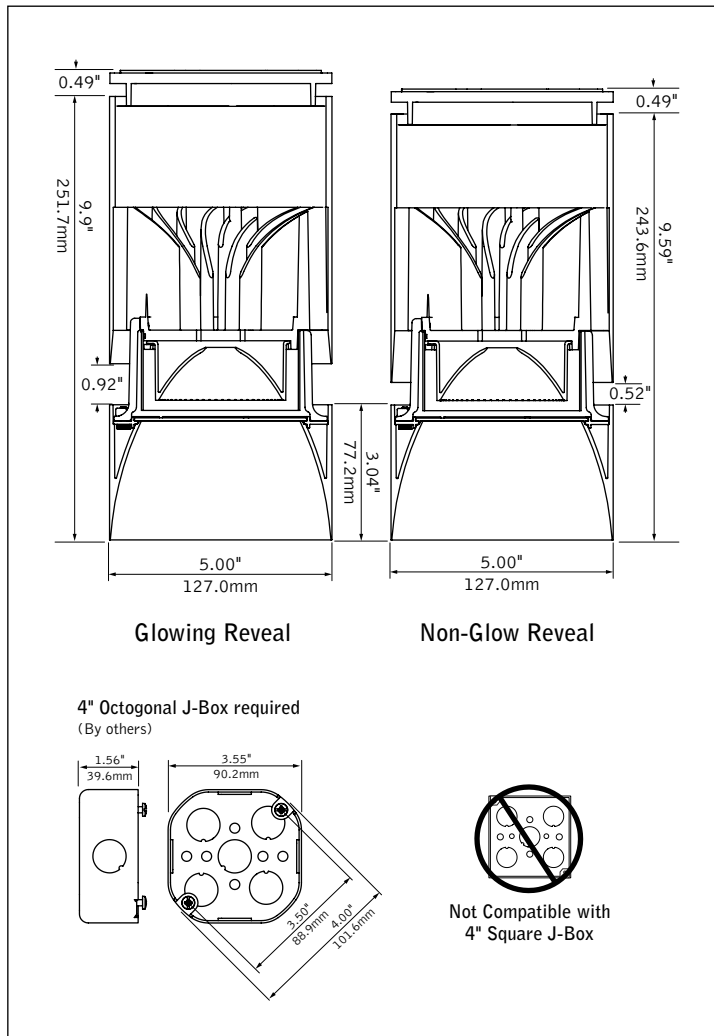


ID+ 4.5" Cylinder

LED SURFACE MOUNT WITH DECORATIVE REVEAL



DIMENSIONAL DATA (continued on page 3 & 4)



FEATURES

4.5" cylinder pendant with decorative reveal; glow or non-glow options.

Custom color options for finish and glowing reveal.

One-piece die-cast reflector with a knife edge for a modern aesthetic.

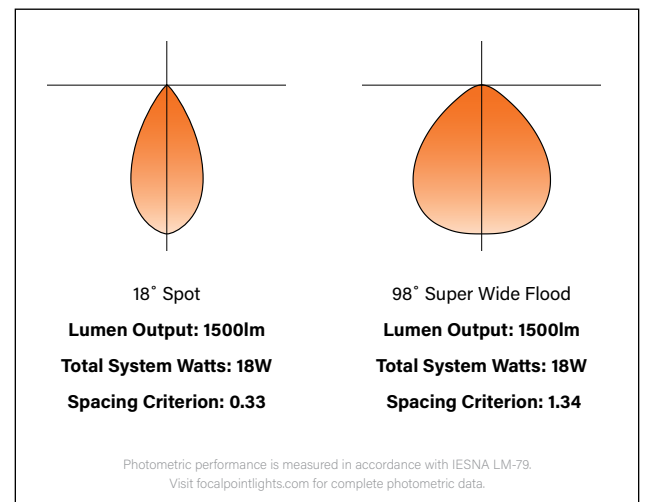
50° cut-off for brightness control and visual comfort.

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

Warm Dim: Lighting that enhances spaces with a warm glow, reminiscent of incandescent or halogen light sources.

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

PERFORMANCE



project:

LED System

Construction

Upper housing is extruded aluminum. Lower reflector is die-cast aluminum. Twist & lock construction leaves no visible fasteners within the knife edge trim. Fixture will not exceed 5 lb.

Optics

Beam spreads achieved with optics that may be easily changed in field.

Lumen Output	Cut-Off Degree	Distribution Beam Spread Spacing Criteria					
		SP	NFL	FL	WFL	VWFL	SWFL
1000 - 1500	50°	18° 0.33	27° 0.48	35° 0.59	54° 0.83	69° 1.02	—
	80°	—	—	—	—	—	98° 1.34
2000 - 3000	50°	—	26° 0.44	41° 0.67	56° 0.83	69° 1.08	—
	80°	—	—	—	—	—	98° 1.34

Choice of constant current dimming drivers. Power factor > .9 typical. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires. Not Right Light as standard, consult factory.

Emergency

Emergency output — 7W for 90 minutes. Maximum mounting height: 16ft.
J-box cannot be recessed above the ceiling with Emergency Battery.

Labels

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

Finish

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

Lumen Maintenance

Reported: L70 > 60,000 hours Calculated: L70 at > 204,000 hours
 L80 > 60,000 hours L80 at > 126,000 hours
(Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional 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.

PERFORMANCE TABLE

	Lumen Output	Delivered Lumens	System Watts	LPW
	1000L	1033	11	91
	1500L	1509	18	86
WD	1500L	1606	23	69
	2000L	2074	24	88
	2500L	2609	31	84
	3000L	2906	34	84

Glowing Reveal, 3500K, 80CRI, Clear Diffuse, Flood distribution. Warm Dim based on 3000 - 1800K, 90 CRI.
Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

QS 10 DAY Options in orange qualify for the Quickship program. 10-day up to 50 pieces. Refer to Quickship Guide for complete details.

Focal Point LLC reserves the right to change specifications for product improvement without notification.

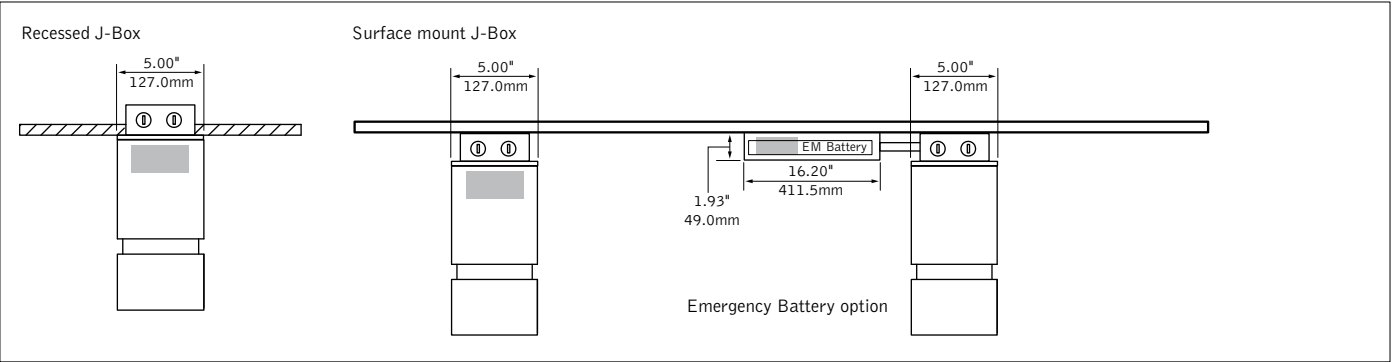
ORDERING

Luminaire Series		FLCY4
ID+ 4.5" Round Cylinder		
Trim Type		RD
Round		
Decorative Reveal		
White Non-Glow Reveal		WHR
Black Non-Glow Reveal		BKR
White Glowing Reveal		WHG
Custom Color Glowing Reveal		RAL_ _ _ _
(Specify your RAL color value. Extended lead time consult factory.)		
Lumen Output		
1000 Lumens		1000L
1500 Lumens		1500L
2000 Lumens		2000L
2500 Lumens		2500L
3000 Lumens (PC & DPC Only)		3000L
Color Temperature		
2700K, 80+ CRI or 90+ CRI		27K or 927K
3000K, 80+ CRI or 90+ CRI		30K or 930K
3500K, 80+ CRI or 90+ CRI		35K or 935K
4000K, 80+ CRI or 90+ CRI		40K or 940K
Warm Dim: 2700-1800K, 90+ CRI		92718W
Warm Dim: 3000-1800K, 90+ CRI		93018W
(Warm Dim: 1500L only. EMR not available.)		
Single Circuit		1C
Voltage		
120/277 UNV		UNV
120 Volt		120
277 Volt		277
Low Voltage		LV
Canopy Configuration		
Shallow Canopy, Integral Driver*		SC
Shallow Canopy with decorative*		DSC
J-box cover, Integral Driver		
*(L1, LVN & LFP only. Warm Dim: 1500L only.)		
Power Canopy		PC
Power Canopy with decorative J-box cover		DPC
Control System & Dimming Level		
0-10V - 0% Dimming		LZ1
0-10V - 1% Dimming		L11
Low Voltage, PoE compatible		LVN
(No driver. Not available with EMR. SC or DSC with LV Voltage only.)		
Phase Dimming		LFP
(SC with 120V only. Consult factory for recommended dimmers.)		
Lutron Hi-Lume EcoSystem (LDE1) -		LH1
1% Dimming		
Lutron Hi-Lume - Forward Phase -		LTE
1% Dimming (120V only. 1000L only.)		
DALI - 0% Dimming		DZ1
DALI - 1% Dimming		D11
Mounting		SM
Surface Mount		
Optic		
50° Cut-off Cone		DNT
(Not available with SWFL distribution)		
50° Cut-off Cone with Solite Lens		DNTS
(NFL distribution only)		
80° Cut-off Cone		DSS
(SWFL distribution only)		
Distribution		
Spot (1000L & 1500L only)		SP
Narrow Flood		NFL
Flood		FL
Wide Flood		WFL
Very Wide Flood		VWFL
Super Wide Flood		SWFL
Factory Options		
Emergency Battery		EMR
(J-box cannot be recessed above the ceiling. Remote test switch.)		
Reflector Color		CD
Clear Diffuse		
Luminaire Finish		
(Cylinder and canopy finish match)		
Black		BK
White		WH
Palladium Silver		PS
Custom Color		RAL_ _ _ _
(Specify your RAL color value. Extended lead time consult factory.)		

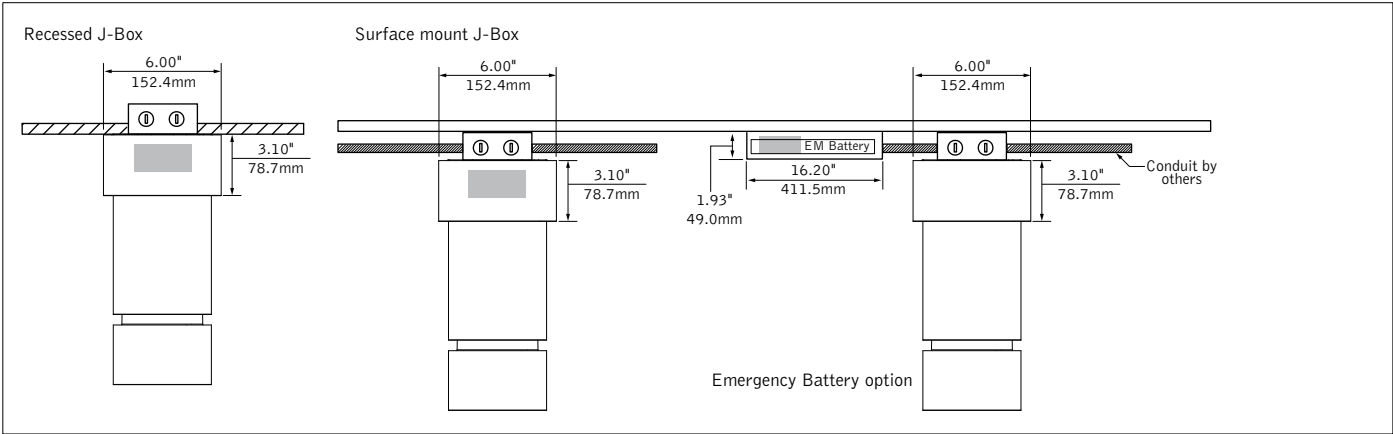
DIMENSIONAL DATA CONTINUED

SC - Shallow Canopy, Integral Driver

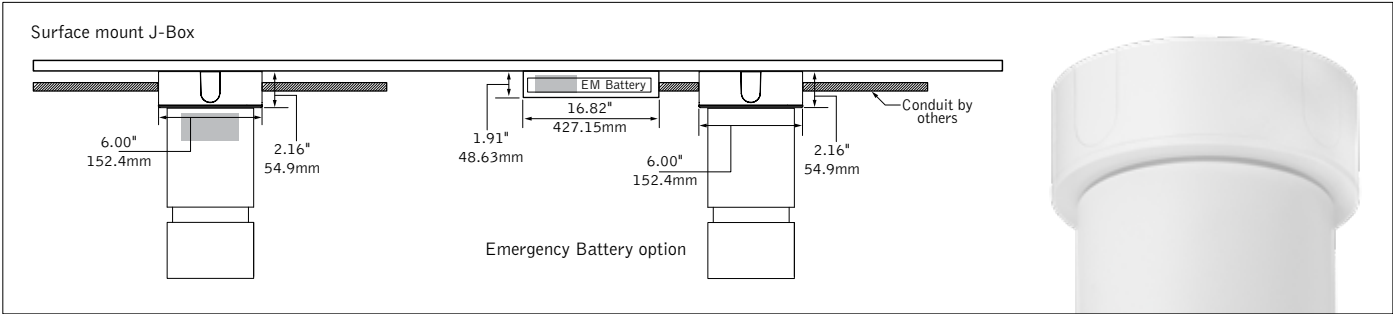
Indicates Driver Location



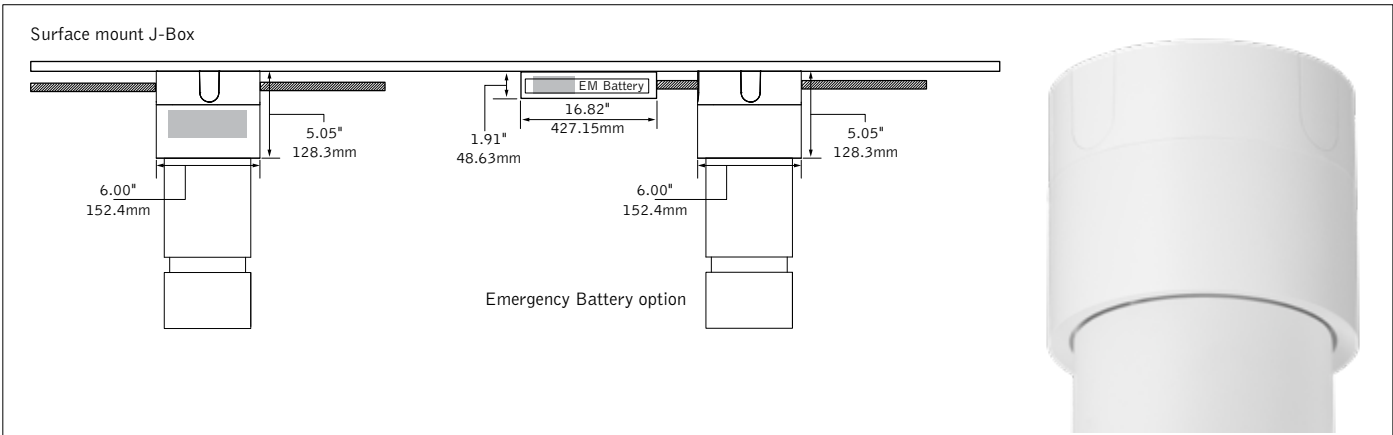
PC - Power Canopy



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



DPC - Power Canopy with decorative J-box cover



4.5" CYLINDER LUMEN MULTIPLIER TABLE

Decorative Reveal

Trim Type	Optic	Decorative Reveal	Multiplier
Round [RD]	ALL	White Non-Glow Reveal [WHR]	0.94
		Black Non-Glow Reveal [BKR]	0.94
		White Glowing Reveal [WHG]	1.00

Color Temperature & CRI

Trim Type	Optic	Lumen Output	Color Temperature	Multiplier
Round [RD]	ALL	ALL	2700K, 80+ CRI [27K]	0.93
			2700K, 90+ CRI [927K]	0.78
			3000K, 80+ CRI [30K]	0.97
			3000K, 90+ CRI [930K]	0.81
			3500K, 80+ CRI [35K]	1.00
			3500K, 90+ CRI [935K]	0.83
			4000K, 80+ CRI [40K]	1.01
			4000K, 90+ CRI [940K]	0.86
		1500	2700-1800K, 90+ CRI [92718W]	0.76
		1500	3000-1800K, 90+ CRI [93018W]	1.07

Optic & Distribution (1000L - 1500L)

Trim Type	Optic	Distribution	Multiplier
Round [RD]	Tall Cone, 50° cut-off [DNT]	Spot (18") [SPL]	1.00
		Narrow Flood (27") [NFL]	0.97
		Flood (35") [FL]	0.93
		Wide Flood (54") [WFL]	1.00
		Very Wide Flood (69") [VWFL]	0.93
	Tall Cone, 50° cut-off with Solite Lens [DNTS]	Narrow Flood (27") [NFL]	1.00
	Super Short Cone, 80° cut-off [DSS]	Super Wide Flood (98") [SWFL]	0.85

Optic & Distribution (2000L - 3000L)

Trim Type	Optic	Distribtuon	Multiplier
Round [RD]	Tall Cone, 50° cut-off [DNT]	Narrow Flood (26") [NFL]	0.98
		Flood (41") [FL]	0.92
		Wide Flood (56") [WFL]	1.00
		Very Wide Flood (69") [VWFL]	0.89
	Tall Cone, 50° cut-off with Solite Lens [DNTS]	Narrow Flood (26") [NFL]	1.11
	Super Short Cone, 80° cut-off [DSS]	Super Wide Flood (98") [SWFL]	0.83

Multiplier tables are provided to aid with estimation of lumen levels across options. Apply multipliers against ordered Lumen Output to estimate Delivered Lumens. Refer to IES files for most accurate photometric information.

How To Use Lumen Multipliers

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

Example: FLCY4-RD-WHR-1000L-935K-DNT-FL
(1000) x (0.94) x (0.83) x (0.93) ≈ 726 lm (estimated delivered lumens)

NON-SCALLOPING SUPER WIDE FLOOD DESIGN GUIDE - 1500 LUMEN EXAMPLE

Distance from bottom of fixture	Footcandles											
	Fixtures 3' from Wall				Fixtures 3.5' from Wall				Fixtures 4' from Wall			
	3' OC		3.5' OC		3' OC		3.5' OC		3' OC		3.5' OC	
1.0'	3"	3	3	3	2	2	2	2	2	2	2	2
	6"	3	3	3	3	3	3	2	2	2	2	2
	9"	4	4	4	4	4	4	3	3	3	3	3
	12"	5	5	5	5	5	5	4	4	4	3	3
2'		13	13	13	11	11	11	9	9	9	8	7
3'		21	21	21	18	18	18	16	16	16	14	11
4'		24	24	24	20	20	20	20	20	20	17	14
5'		22	22	22	19	19	19	21	21	21	18	16
6'		19	19	19	16	16	16	19	19	19	16	15
7'		16	16	16	14	14	14	17	17	17	14	14
8'		14	14	14	12	12	12	14	14	14	12	13
9'		12	12	12	10	10	10	12	12	12	11	11
10'		10	10	10	8	8	8	10	10	10	9	9

