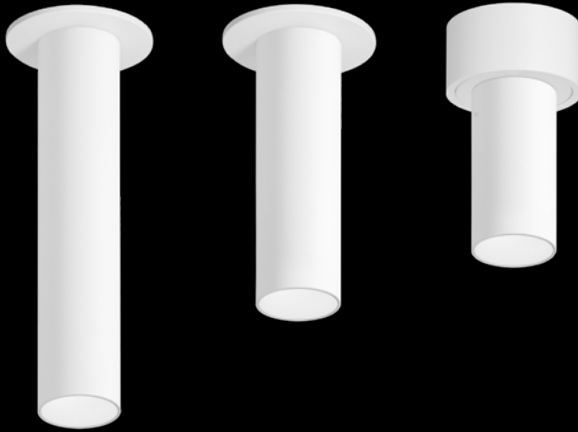


ID+ 2.5" Pure Cylinder

LED SURFACE MOUNT



White



Shallow Canopy



Decorative Shallow Canopy

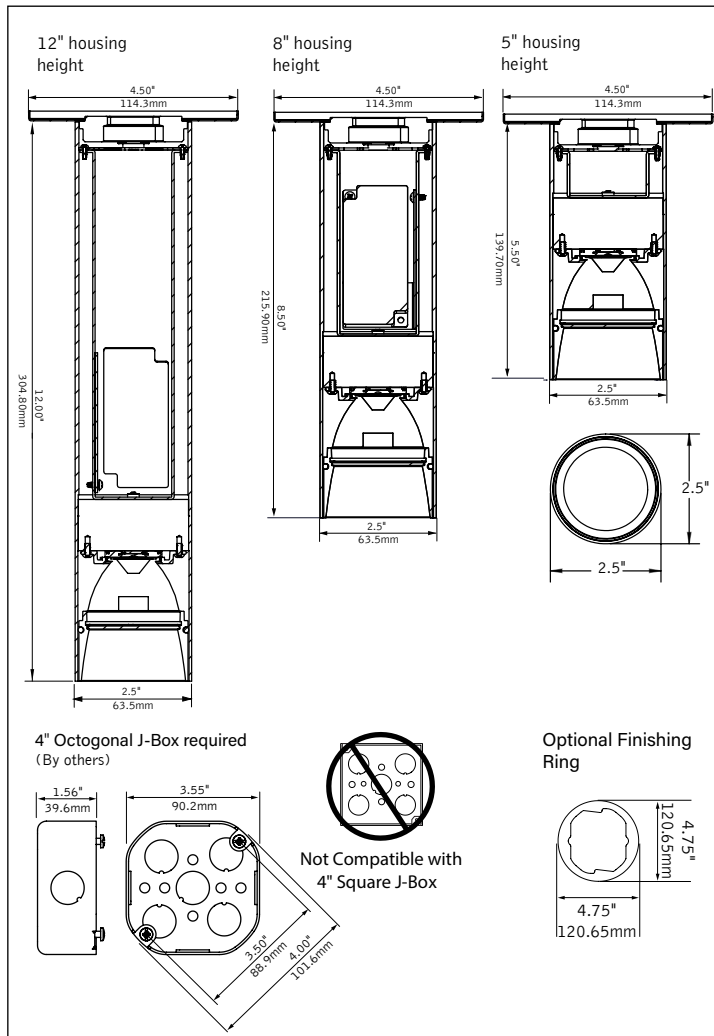


Mini Power Canopy



Suspended Companion

DIMENSIONAL DATA



FEATURES

2.5" solid body surface mount cylinder available in 5", 8" or 12" housing height.

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

20° to 80° beam spreads support accent lighting, task lighting and general illumination.

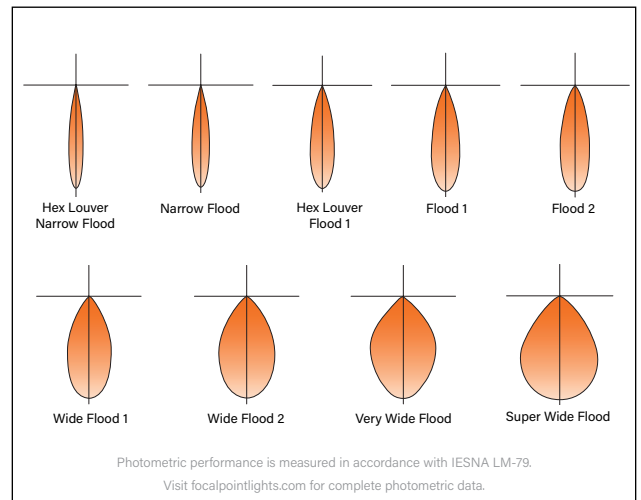
Multiple canopy options enable various driver offerings and conduit installations while maintaining premier aesthetic.

Available with The Naturals, a series of finishes that exude biophilic beauty.

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+ 2.5" downlights 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 is die-cast aluminum. Fixture will not exceed 2.5 lb.

Optics

Optic	Cut-off degree	Distribution Beam Spread Spacing Criteria								Hex Louver	
		NFL	FL1	FL2	WFL1	WFL2	VWFL	SWFL	HNFL	HFL1	
DNS	 60°	20° .36	31° .52	41° .68	49° .76	62° .90	76° 1.00	—	—	—	
DSS	 75°	18° .32	29° .50	40° .64	50° .78	60° .88	73° 1.06	80° 1.14	16° 0.28	27° 0.46	

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. Shallow Canopy with integral driver.

Emergency

Emergency output —7W for 90 minutes. Maximum mounting height: 16.73ft for CD/ WH reflectors, and 14.96ft for WD/ BK reflectors. J-box cannot be recessed above the ceiling with Emergency Battery.

Labels

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

Finish

Polyester powder coat applied over a multi-stage pre-treatment. The Naturals: 100% low VOC vinyl.

Lumen Maintenance

Calculated: L90 at 56,000 hours

Reported: L90 at >55,000 hours

Calculated: L70 at 200,000 hours

Reported: L70 at >55,000 hours

(Derived from EPA TM-21 calculator per 10,000 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.

5" ORDERING Luminaire Series		FLCY2N	FLCY2N
ID+ 2.5" Pure Cylinder			RD
Trim Type			5H
Round			
Housing Height			
5.5"			
Direct Lumen Output			
500 Lumens			
700 Lumens			
900 Lumens			
1100 Lumens (Not available with SC, DSC)			
1300 Lumens (Not available with SC, DSC)			
1500 Lumens (Not available with SC, DSC)			
Color Temperature			
Add 9 for 90 CRI or H for 97 CRI. Leave blank for 80 CRI.			
2700K, 80/90/97+ CRI			
3000K, 80/90/97+ CRI			
3500K, 80/90/97+ CRI			
4000K, 80/90/97+ CRI			
2700-1800K, 90+ CRI*			
3000-1800K, 90+ CRI*			
Circuits			1C
Single Circuit			
Voltage			
UNV 120/277 Volt			
120 Volt			
277 Volt			
Low Voltage			
Canopy Configuration			
Shallow Canopy, (LVN only) ¹			
Shallow Canopy with decorative j-box cover ¹ (LVN only)			
Mini Power Canopy, driver inside canopy (L11 or LFP only.)			
Canopy Color			
Matte Black			
Matte White			
Paladium Silver			
Control System & Dimming Level			
0-10V - 1% Dimming			
Low Voltage, PoE compatible (SC, DSC only. LV Voltage only. EMR, Warm Dim not available.)			
Phase Dimming (120V only.)			
Mounting			SM
Surface Mount			
Direct Optic			
60° cut-off cone			
75° cut-off cone with Solite Lens (Solite lens removed when specified with HNFL, HFL1)			
Direct Distribtion			
Narrow Flood			
Flood 1			
Flood 2			
Wide Flood 1			
Wide Flood 2			
Very Wide Flood			
Super Wide Flood (not available with DNS)			
Hex Louver Narrow Flood (not available with DNS)			
Hex Louver Flood 1 (not available with DNS)			
Factory Options			
Emergency Battery Remote (J-box cannot be recessed above the ceiling. Remote test switch. LV, Warm Dim not available.)			
Reflector Color			
Clear Diffuse			
Warm Diffuse			
White			
Black			
Luminaire Finish ² (See finishes page for The Naturals options)			
Black			
White			
Paladium Silver			
Custom Color option available			

¹(Not available with 1500DN, 1300DN or 1100DN with SC or DSC)
²(For custom colors specify an RAL color. Extended lead time, consult factory.)

fixture:

project:

PERFORMANCE CHARTS

STANDARD WHITE DNS (60° CUTOFF)				
CCT	Lumen Output	Delivered Lumens	Tested System Watts	LPW
3500K, 80 CRI	500DN	505	5.3	95
	700DN	707	7.4	96
	900DN	909	9.7	94
	1100DN	1112	12.1	92
	1300DN	1314	14.6	90
	1500DN	1516	17.3	88
	1700DN	1718	20.1	85
	1900DN	1920	23.0	83

Based on 3500K, 80CRI, Flood 2, Clear Diffuse. Delivered lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

STANDARD WHITE DSS (75° CUTOFF)				
CCT	Lumen Output	Delivered Lumens	Tested System Watts	LPW
3500K, 80 CRI	500DN	475	5.3	90
	700DN	665	7.4	90
	900DN	855	9.7	88
	1100DN	1045	12.1	86
	1300DN	1235	14.6	85
	1500DN	1425	17.3	82
	1700DN	1615	20.1	80
	1900DN	1805	23.0	78

Based on 3500K, 80CRI, Flood 2, Clear Diffuse. Delivered lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

WD WARM DIM				
CCT	Lumen Output	Delivered Lumens	System Watts	LPW
92718W	900DN	737	12.3	60
93018W	900DN	807	12.3	66

8" and 12" ORDERING
Luminaire Series

ID+ 2.5" Pure Cylinder

FLCY2N

FLCY2N

Trim Type

Round

RD

Housing Height

8.5"

8H

12"

12H

Direct Lumen Output

500 Lumens

500DN

700 Lumens

700DN

900 Lumens

900DN

1100 Lumens

1100DN

1300 Lumens (Not available with SC, DSC)

1300DN

1500 Lumens (Not available with SC, DSC)

1500DN

1700 Lumens (Not available with SC, DSC)

1700DN

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

2700-1800K, 90+ CRI*

92718W

3000-1800K, 90+ CRI*

93018W

Circuits

Single Circuit

1C

Voltage

UNV 120/277 Volt

UNV

120 Volt

120

277 Volt

277

Low Voltage

LV

Canopy Configuration

Shallow Canopy, Integral Driver¹

SC

Shallow Canopy with decorative J-box cover,¹

DSC

Integral Driver

Mini Power Canopy, driver inside canopy

MPC

(L11 or LFP only.)

Canopy Color

Matte Black

BK

Matte White

WH

Paladium Silver

PS

Control System & Dimming Level

0-10V - 1% Dimming

L11

Low Voltage, PoE compatible

LVN

(SC, DSC only. LV Voltage only. EMR, Warm Dim not available.)

Phase Dimming (120V only.)

LFP

Mounting

Surface Mount

SM

Direct Optic

60° cut-off cone

DNS

75° cut-off cone with Solite Lens

DSS

(Solite lens removed when specified with HNFL, HFL1)

Direct Distribution

Narrow Flood

NFL

Flood 1

FL1

Flood 2

FL2

Wide Flood 1

WFL1

Wide Flood 2

WFL2

Very Wide Flood

VWFL

Super Wide Flood (not available with DNS)

SWFL

Hex Louver Narrow Flood (not available with DNS)

HNFL

Hex Louver Flood 1 (not available with DNS)

HFL1

Factory Options

Emergency Battery Remote

EMR

(J-box cannot be recessed above the ceiling. Remote test switch.

LV, Warm Dim not available.)

Reflector Color

Clear Diffuse

CD

Warm Diffuse

WD

White

WH

Black

BK

Luminaire Finish²

(See finishes page for The Naturals options)

Black

BK

White

WH

Paladium Silver

PS

Custom Color option available

RAL_ _ _ _

*(900DN only.)

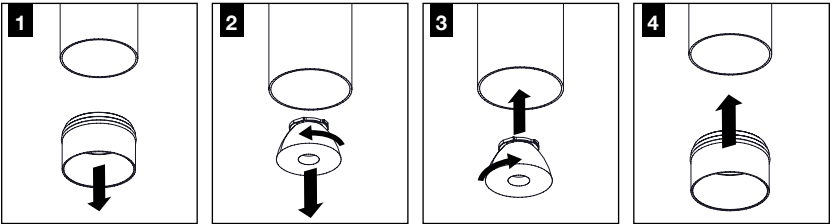
¹(Not available with 1700DN 1500DN or 1300DN with SC or DSC)

²(For custom colors specify an RAL color.

Extended lead time, consult factory.)

DISTRIBUTION KITS INCLUDE AN OPTIC AND REFLECTOR ASSEMBLY.

BOTH ITEMS MUST BE REPLACED TO ACHIEVE SPECIFIED DISTRIBUTION.



ACCESSORIES ORDERING

Luminaire Series		KIT-FLCY2N
ID+ 2.5" Pure Cylinder		
Trim Type		RD
Round		RD
Optic		
60° cut-off cone		DNS
75° cut-off cone with Solite Lens (Solite lens removed when specified with HNFL, HFL1)		DSS
Wall Wash (leave distribution blank)		WW
Distribution		
Narrow Flood		NFL
Flood 1		FL1
Flood 2		FL2
Wide Flood 1		WFL1
Wide Flood 2		WFL2
Very Wide Flood		VWFL
Super Wide Flood 2		SWFL
Hex Louver Narrow Flood (DSS only)		HNFL
Super Wide Flood (DSS only)		HFL1
Reflector Color		
Clear Diffuse		CD
Warm Diffuse		WD
White		WH
Black		BK

LUMEN MULTIPLIER TABLE

Optic & Distribution

Trim Type	Optic	Distribution	Multiplier
Round [RD]	60° cut-off [DNS]	Narrow Flood [NFL]	1.15
		Flood 1 [FL1]	1.06
		Flood 2 [FL2]	1.01
		Wide Flood 1 [WFL]	0.90
		Wide Flood 2 [WFL2]	0.90
		Very Wide Flood [VWFL]	0.86
	75° cut-off [DSS]	Narrow Flood [NFL]	1.10
		Flood 1 [FL1]	0.99
		Flood 2 [FL2]	0.95
		Wide Flood 1 [WFL1]	0.92
		Wide Flood 2 [WFL2]	0.90
		Very Wide Flood [VWFL]	0.87
		Super Wide Flood [SWFL]	0.64
		Hex Louver Narrow Flood [HNFL]	0.80
		Hex Louver Flood 1 [HNF1]	0.65

Reflector Color

Trim Type	Optic	Distribution	Multiplier
Round [RD]	60° cut-off [DNS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.97
		White [WH]	1.01
		Black [BK]	0.80
	75° cut-off [DSS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.86
		White [WH]	1.04
		Black [BK]	0.83

Color Lumen Multipliers

CRI	STANDARD WHITE CCT				WARM DIM CCT RANGES	
	2700	3000	3500	4000	2700-1800K	3000-1800K
80+	0.92	0.98	1.00	1.01	—	—
90+	0.79	0.83	0.82	0.84	0.82	0.90
97+	0.67	0.72	0.73	0.76	—	—

How To Use Lumen Multipliers

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

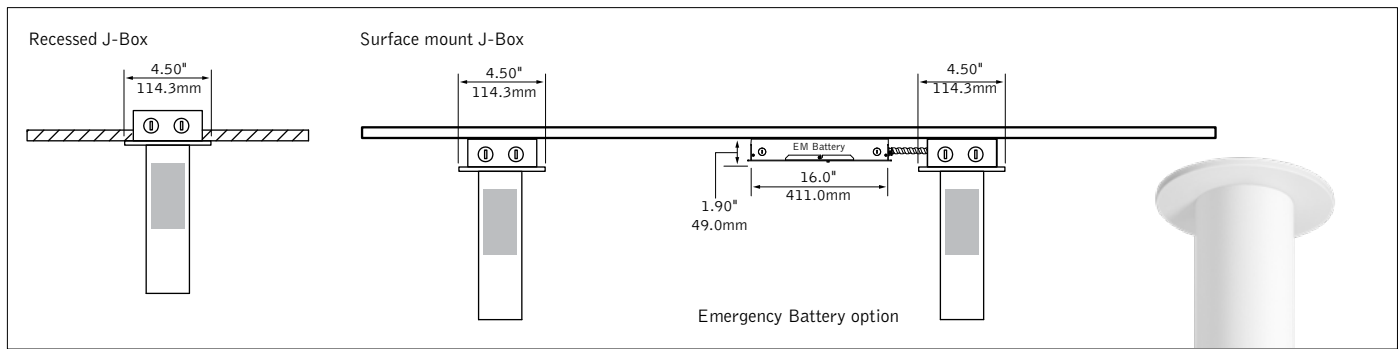
Example: FLCY2N-RD-1000DN-35K-DNS-FL1-CD

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

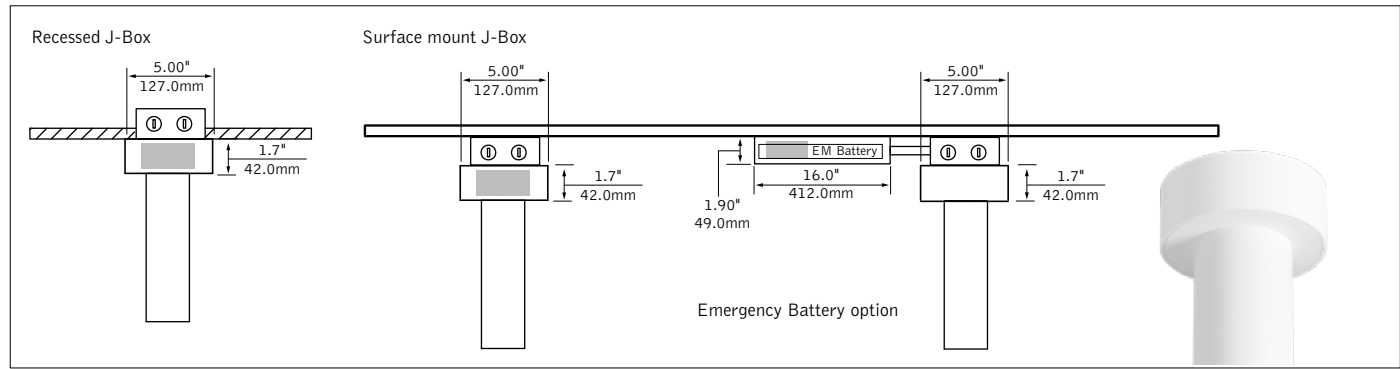
DIMENSIONAL DATA CONTINUED

SC - Shallow Canopy, Integral Driver

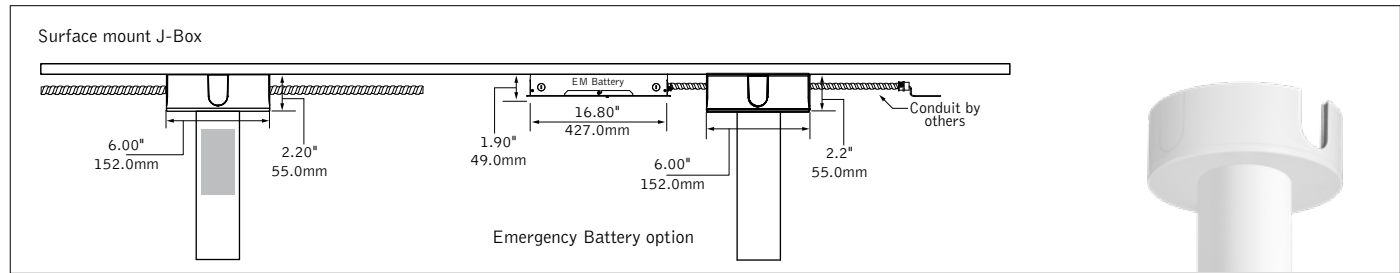
Indicates Driver Location



MPC - Mini Power Canopy



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



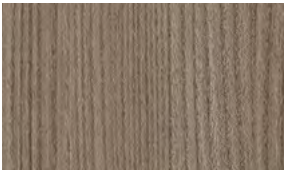
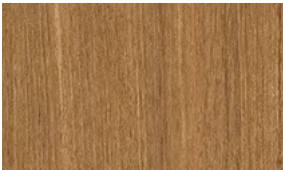
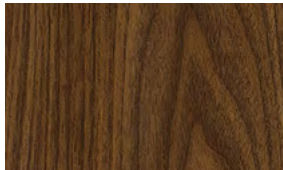
Finishes



STANDARD FINISHES

				
WHITE WH	BLACK BK	PALLADIUM SILVER PS	CLEAR DIFFUSE CD	WARM DIFFUSE WD

THE NATURALS (25% SCALE)

				
LIGHT OAK LOK	GRAY ELM GRE	CHESTNUT CHT	WALNUT WLT	WOVEN LINEN WLN