

ID+ 2.5" Pure Cylinder

LED PENDANT



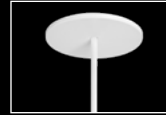
White



Palladium Silver



Black



Shallow Canopy



Decorative Shallow Canopy



Power Canopy



Decorative Power Canopy

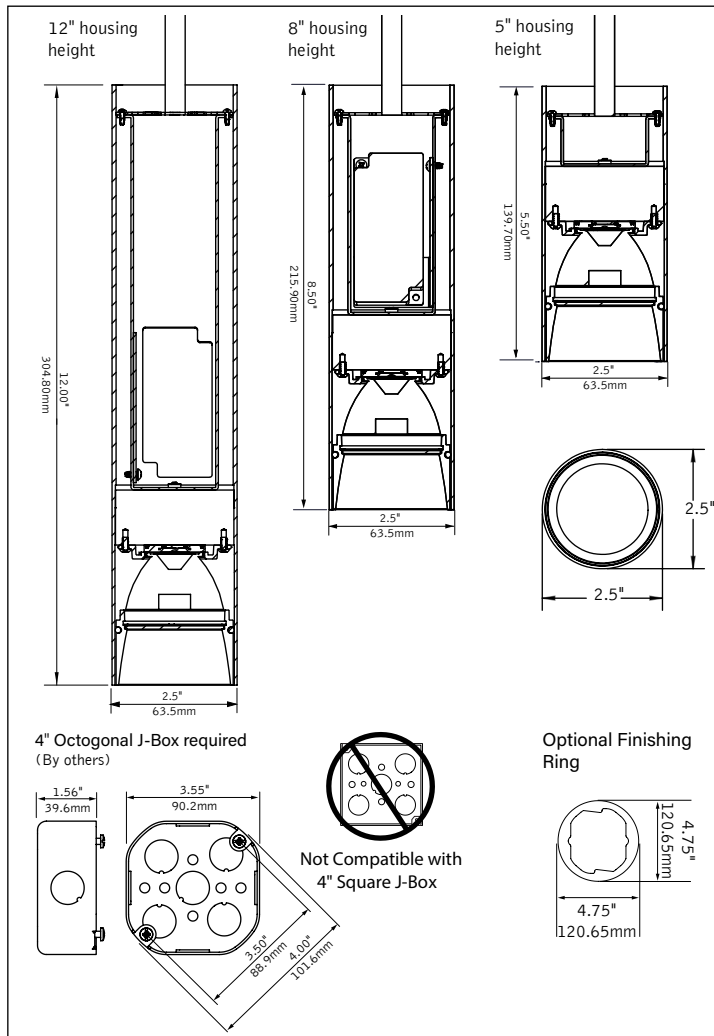


Mini Power Canopy



Surface Mount Companion

DIMENSIONAL DATA



FEATURES

2.5" solid body cylinder pendant 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.

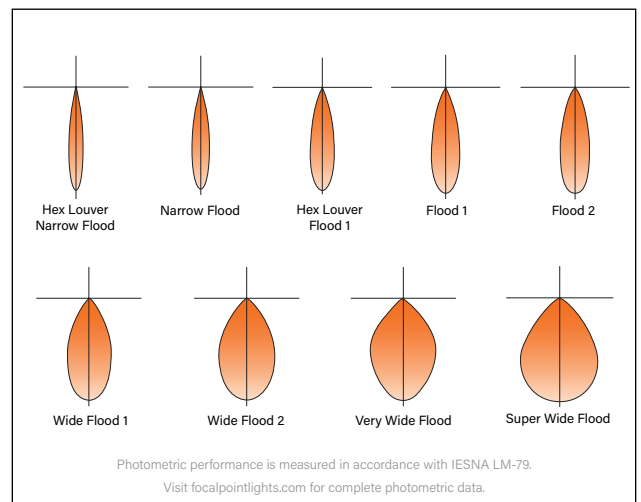
Multiple canopy options enable various driver offerings and conduit installations while maintaining premier aesthetic.

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 2.5lb.

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.

Emergency

Emergency output — 7W for 90 minutes. 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	Round		5H
Housing Height	5.5"		
Direct Lumen Output			
500 Lumens		500DN	
700 Lumens		700DN	
900 Lumens		900DN	
1100 Lumens		1100DN	
1300 Lumens		1300DN	
1500 Lumens		1500DN	
1700 Lumens (Not available with SC, DSC)		1700DN	
1900 Lumens (Not available with SC, DSC)		1900DN	
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			1C
Single Circuit		1C	
Voltage			
UNV 120/277 Volt		UNV	
120 Volt		120	
277 Volt		277	
Low Voltage		LV	
Canopy Configuration			
Shallow Canopy, (LVN only) ¹		SC	
Shallow Canopy with decorative j-box cover ¹ (LVN only)		DSC	
Power Canopy, driver inside canopy		PC	
Power Canopy with decorative J-box cover, driver inside canopy		DPC	
Mini Power Canopy, driver inside canopy (Cable or Fixed Stem only. L11 or LFP only.)		MPC	
Canopy Color			
Matte Black		BK	
Matte White		WH	
Paladium Silver		PS	
Control System & Dimming Level			
0-10V - 0% Dimming ²		LZ1	
0-10V - 1% Dimming		L11	
0-10V - 10% Dimming ²		LD1	
Low Voltage, PoE compatible (SC, DSC only. LV Voltage only. EMR, Warm Dim not available)		LVN	
Phase Dimming (120V only. 500DN & 700DN not available with PC or DPC)		LFP	
Lutron Hi-Lume EcoSystem (LDE1) (not available with 500DN, 700DN, not available with SC, DSC, MPC)		LH1	
DALI - 0% Dimming ²		DZ1	
DALI - 1% Dimming ²		D11	
Mounting			
72" Cable, Straight Feed (Cut in field)		C72	
144" Cable, Straight Feed (Cut in field)		C144	
12", 50° Swivel Stem (Cut in field, not available with MPC)		B12	
18", 50° Swivel Stem (Cut in field, not available with MPC)		B18	
2' – 8' in 1' increments, 50° Swivel Stem (Cut in field, not available with MPC)		B_	
12", Fixed Stem (Cut in field)		S12	
18", Fixed Stem (Cut in field)		S18	
2' – 8' in 1' increments, Fixed Stem (Cut in field)		S_	
Suspension Color			
Black		BK	
White		WH	
Gray (Cable Mount Only. Not available with MPC)		GRY	
Paladium Silver (Stem Mount Only.)		PS	
Direct Optic			
60° cut-off cone		DNS	
75° cut-off cone with Solite Lens (Solite lens removed when specified with HNFL, HFL1)		DSS	
Direct Distription			
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 (J-box cannot be recessed above the ceiling. Remote test switch. LV, Warm Dim not available.)		EMR	
Reflector Color			
Clear Diffuse		CD	
Warm Diffuse		WD	
White		WH	
Black		BK	
Luminaire Finish ³ (See finishes page for The Naturals options)			
Black		BK	
White		WH	
Paladium Silver		PS	
Custom Color option available		RAL_ _ _ _	

¹(Not available with 1700DN or 1900DN with SC or DSC)

²(Not available with 500DN or SC, DSC, MPC)

³(For custom colors specify an RAL color. Suspension custom color available for Stem mount only. 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%

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			FLCY2N
ID+ 2.5" Pure Cylinder			FLCY2N
Trim Type			RD
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			1300DN
1500 Lumens			1500DN
1700 Lumens (Not available with SC, DSC)			1700DN
1900 Lumens (Not available with SC, DSC)			1900DN
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			1C
Single Circuit			1C
Voltage			
UNV 120/277 Volt			UNV
120 Volt			120
277 Volt			277
Low Voltage			LV
Canopy Configuration			
Shallow Canopy, Integral Driver ¹			SC
Shallow Canopy with decorative J-box cover, ¹ Integral Driver			DSC
Power Canopy, driver inside canopy			PC
Power Canopy with decorative J-box cover, driver inside canopy			DPC
Mini Power Canopy, driver inside canopy (Cable or Fixed Stem only. L11 or LFP only.)			MPC
Canopy Color			
Matte Black			BK
Matte White			WH
Paladium Silver			PS
Control System & Dimming Level			
0-10V - 0% Dimming ²			LZ1
0-10V - 1% Dimming			L11
0-10V - 10% Dimming ²			LD1
Low Voltage, PoE compatible (SC, DSC only. LV Voltage only. EMR, Warm Dim not available.)			LVN
Phase Dimming (120V only. 500DN & 700DN not available with PC or DPC)			LFP
Lutron Hi-Lume EcoSystem (LDE1) (not available with 500DN, 700DN, not available with SC, DSC, MPC.)			LH1
DALI - 0% Dimming ²			DZ1
DALI - 1% Dimming ²			D11
Mounting			
72" Cable, Straight Feed (Cut in field)			C72
144" Cable, Straight Feed (Cut in field)			C144
12", 50° Swivel Stem (Cut in field, not available with MPC)			B12
18", 50° Swivel Stem (Cut in field, not available with MPC)			B18
2' - 8' in 1' increments, 50° Swivel Stem (Cut in field, not available with MPC)			B_
12", Fixed Stem (Cut in field)			
18", Fixed Stem (Cut in field)			S12
2' - 8' in 1' increments, Fixed Stem (Cut in field)			S18
2' - 8' in 1' increments, Fixed Stem (Cut in field)			S_
Suspension Color			
Black			BK
White			WH
Gray (Cable Mount Only. Not available with MPC)			GRY
Paladium Silver (Stem Mount Only.)			PS
Direct Optic			
60° cut-off cone			DNS
75° cut-off cone with Solite Lens (Solite lens removed when specified with HNFL, HFL1)			DSS
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 (J-box cannot be recessed above the ceiling. Remote test switch. LV, Warm Dim not available.)			EMR
Reflector Color			
Clear Diffuse			CD
Warm Diffuse			WD
White			WH
Black			BK
Luminaire Finish ³			
(See finishes page for The Naturals options)			
Black			BK
White			WH
Paladium Silver			PS
Custom Color option available			RAL_ _ _ _
*(900DN only.)			

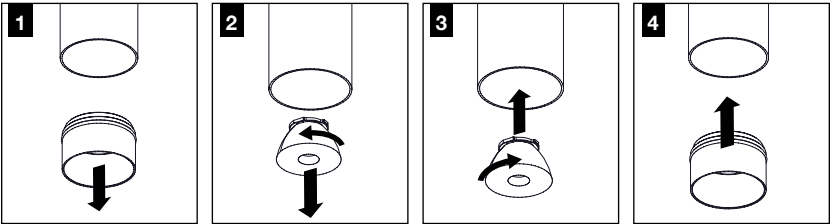
¹(Not available with 1700DN or 1900DN with SC or DSC)

²(Not available with 500DN or SC, DSC, MPC canopy only)

³(For custom colors specify an RAL color. Suspension custom color available for Stem mount only. 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		
Optic		
60° cut-off cone		DNS
75° cut-off cone with Solite Lens		DSS
(Solite lens removed when specified with HNFL, HFL1)		
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)

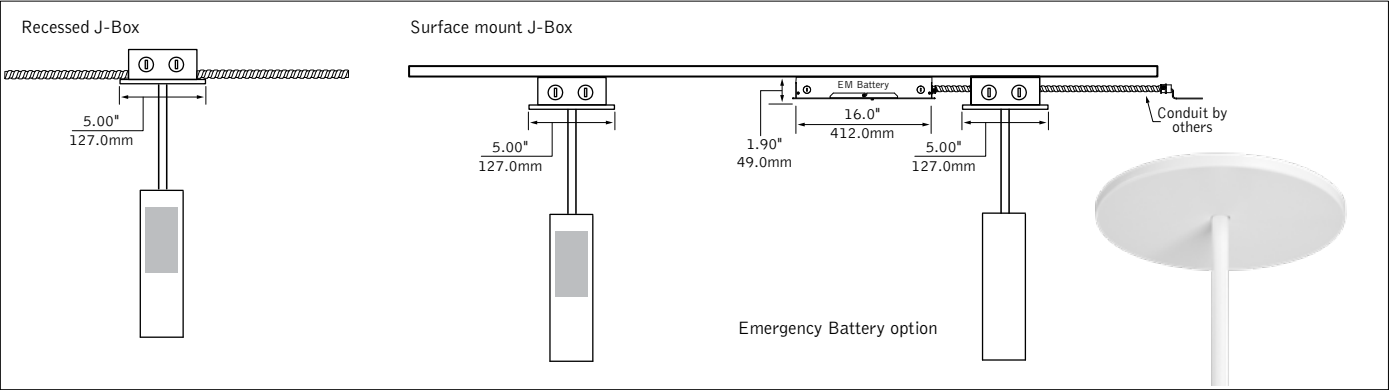
Example: FLCY2N-RD-1000DN-35K-DNS-FL1-CD

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

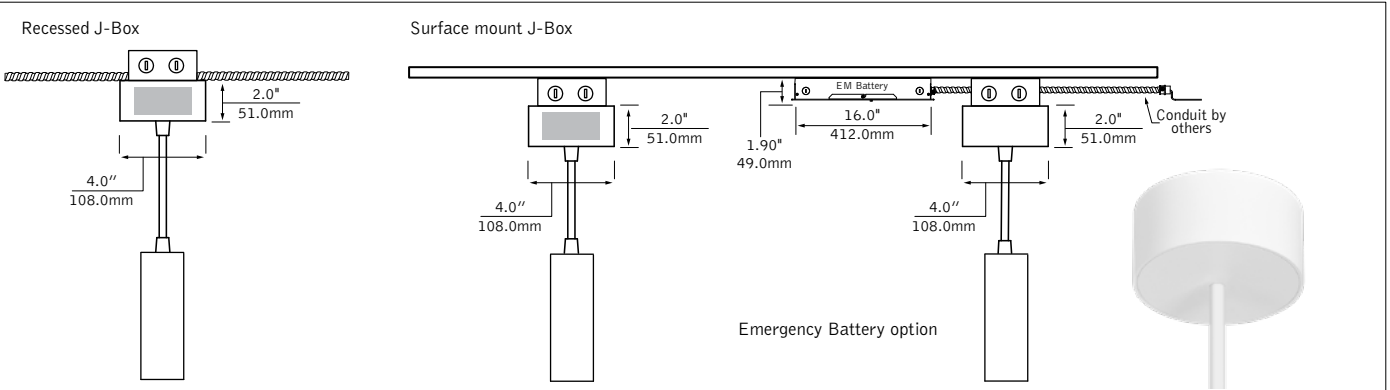
DIMENSIONAL DATA

SC - Shallow Canopy, Integral Driver

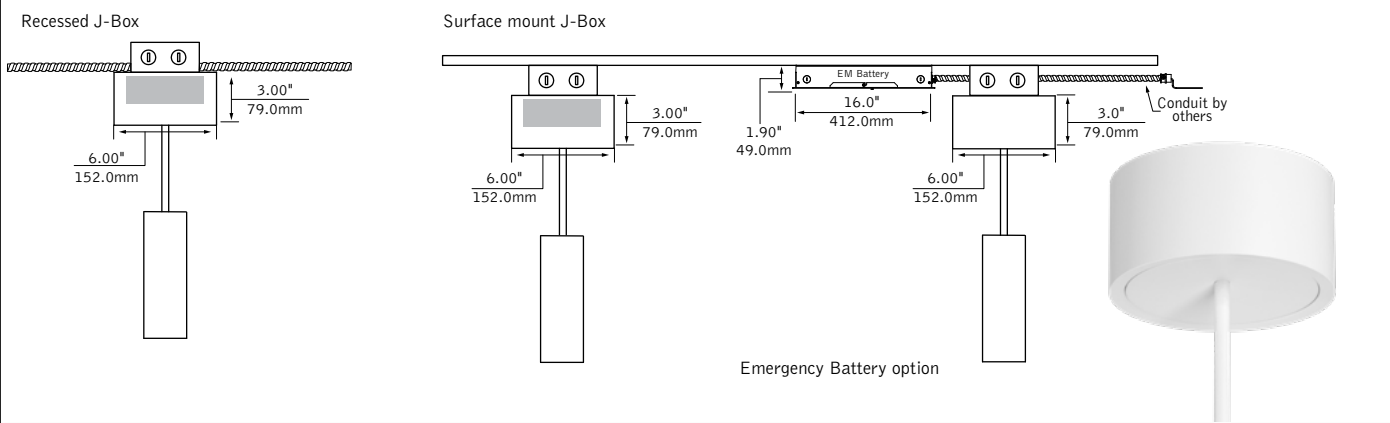
 Indicates Driver Location



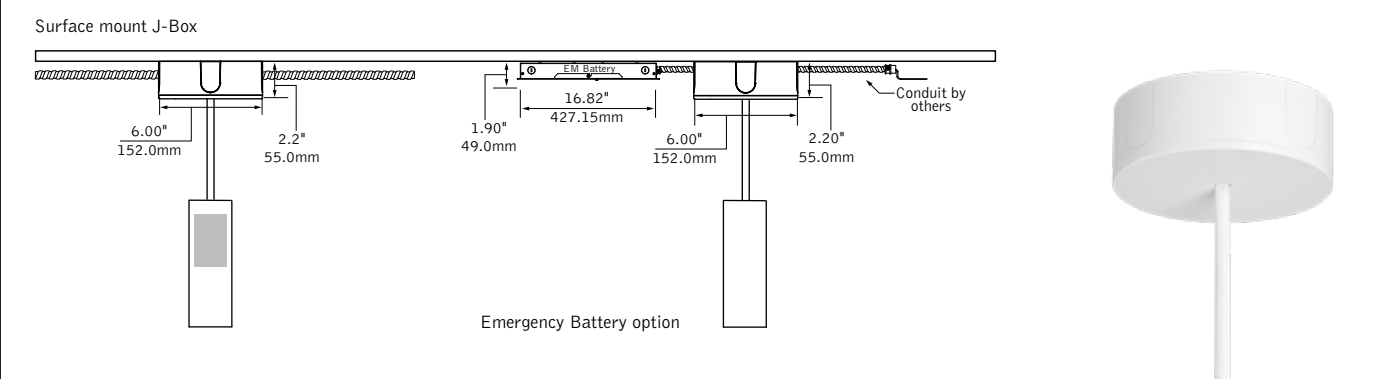
MPC - Mini Power Canopy (cable suspension shown)



PC - Power Canopy

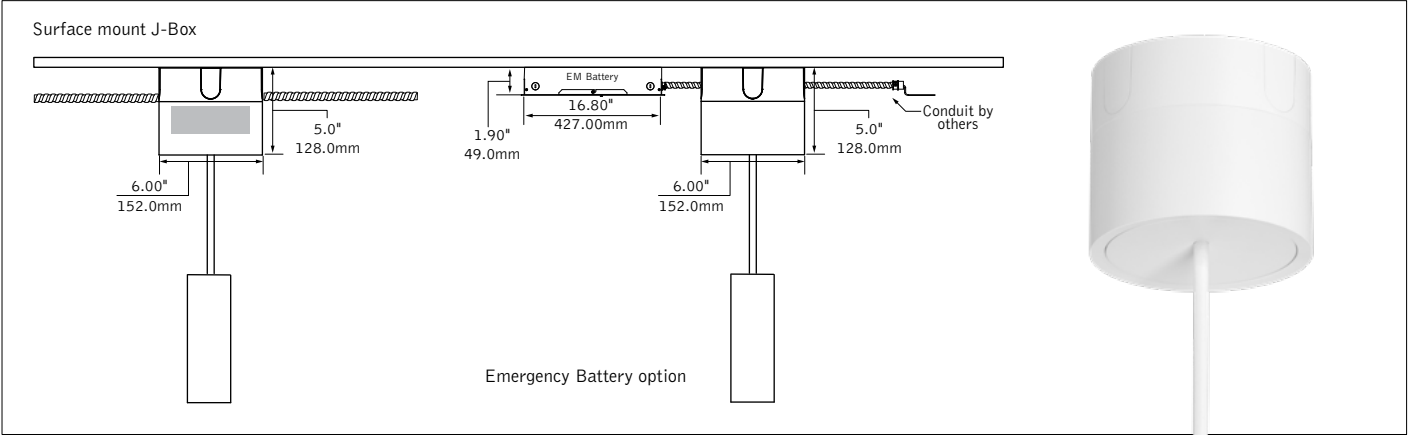


DSC - Shallow Canopy with decorative J-box cover, Integral Driver



DIMENSIONAL DATA CONTINUED

DPC - Power Canopy with decorative J-box cover



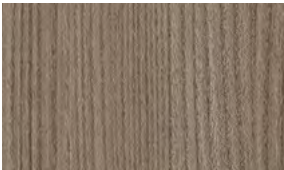
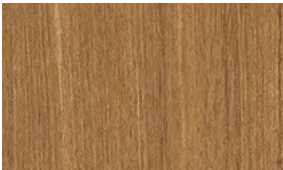
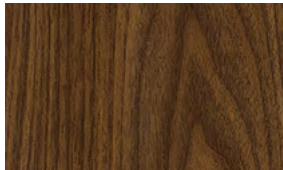
Finishes



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