

ID+ 3.5" Pure Cylinder

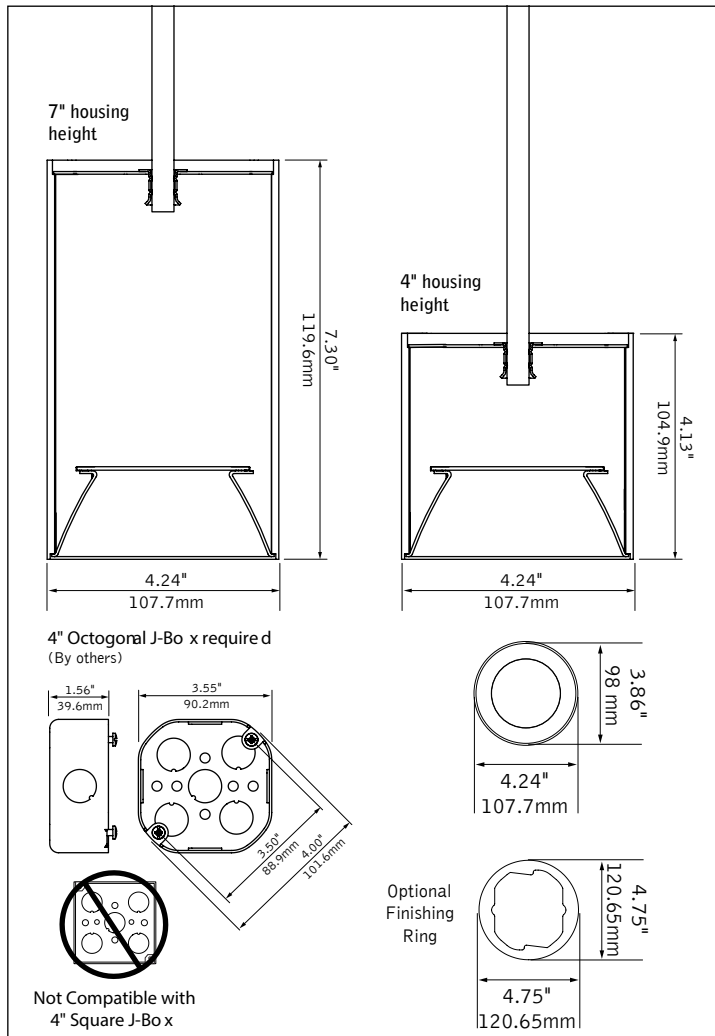
LED PENDANT



The Naturals collection - Chestnut shown



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.

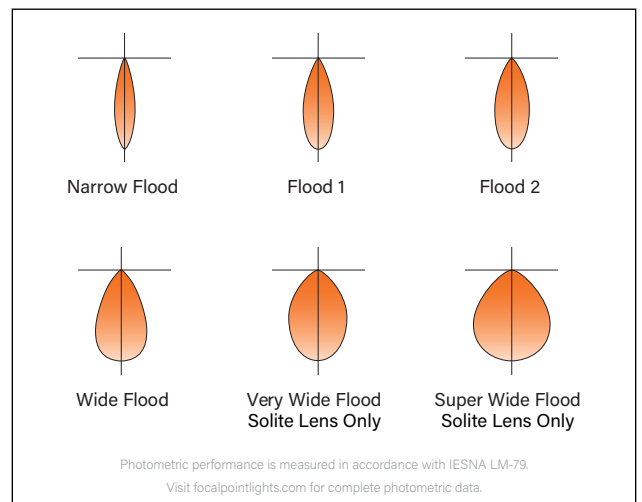
Multiple canopy options enable various driver offerings and conduit installations while maintaining premier aesthetics.

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+ 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. The Naturals: 100% low VOC vinyl.

Lumen Maintenance

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.



Options in orange qualify for the Quickship program, 10-day up to 100 pieces. Refer to Quickship Guide for complete details.

7" ORDERING		FLCY3N
Luminaire Series		
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	
2700-1800K, 90+ CRI**	92718W	
3000-1800K, 90+ CRI**	93018W	
1800-4000K, 90+ CRI (900DN max) [†]	91840T	
2700-5000K, 90+ CRI (1300DN max) [†]	92750T	
2700-6500K, 90+ CRI (1300DN max) [†]	92765T	
Circuits		1C
Single Circuit		
Voltage		
UNV 120/277 Volt	UNV	
120 Volt	120	
277 Volt	277	
Low Voltage (LVN only)		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 ²	PC	
Power Canopy with decorative J-box cover, ² driver inside canopy	DPC	
Mini Power Canopy, drive inside canopy ²	MPC	
(Cable or Fixed Stem only. L11 or LFP only. Not available with Warm Dim or Tunable White.)		
Canopy Color ³		
(See finishes page for The Naturals options available with SC, PC and MPC canopies only)		
Matte Black	BK	
Matte White	WH	
Paladium Silver	PS	
Control System & Dimming Level		
0-10V - 0% Dimming ⁴	LZ1	
0-10V - 1% Dimming	L11	
0-10V - 10% Dimming ⁴	LD1	
Low Voltage, PoE compatible	LVN	
(SC, DSC only. LV Voltage only. EMR, Warm Dim & Tunable White not available.)		
Phase Dimming		LFP
(120V only. 700DN & 900DN not available with PC or DPC)		
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming ⁴		LH1
(700DN & 900DN not available.)		
DALI - 0% Dimming ⁴		DZ1
DALI - <1% Dimming (Tunable White) ⁴		DZTW
DALI - 1% Dimming ⁴		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	B_	
(Specify in inches, example: 8' stem = B96)		
12", Fixed Stem	S12	
18", Fixed Stem	S18	
2'- 8' in 1' increments, Fixed Stem	S_	
Suspension Color ³		
Black	BK	
White	WH	
Gray (Cable mount only. Not available with MPC or Tunable White.)	GRY	
Paladium Silver (Stem mount only)	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	EMR	
(J-box cannot be recessed above the ceiling. Remote test switch. LV, Warm Dim & Tunable White not available.)		
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 options available	RAL_ _ _ _	

[†](LFP not available with PC or DPC.)
^{**}(1500DN only. DNT or DNS only. PC or DPC only.)
[†](DZTW with PC or DPC only.)
[†](1900DN max. L11, LFP & LVN only.)
²(2300DN not available with DSS.)
³(For custom colors specify an RAL color. Suspension custom color available for Stem mount only. Extended lead time, consult factory.)
⁴(PC or DPC only)

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 (DNS) is 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	
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 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.

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Finish

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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.

4" ORDERING			FLCY3N
Luminaire Series			FLCY3N
ID+ 3.5" Pure Cylinder			
Trim Type		RD	RD
Housing Height		4H	4H
(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		2100DN	
2300 Lumens (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	2700-1800K, 90+ CRI*	92718W	
Dim	3000-1800K , 90+ CRI**	93018W	
Tunable White	1800-4000K, 90+ CRI (900DN max) [†]	91840T	
	2700-5000K, 90+ CRI (1300DN max) [†]	92750T	
	2700-6500K, 90+ CRI(1300DN max) [†]	92765T	
Circuits			1C
	Single Circuit	1C	
Voltage			
	UNV 120/277 Volt	UNV	
	120 Volt	120	
	277 Volt	277	
Canopy Configuration			
	Power Canopy, driver inside canopy ¹	PC	
	Power Canopy with decorative J-box cover, ¹ driver inside canopy	DPC	
	Mini Power Canopy, driver inside canopy ¹	MPC	
(Cable or Fixed Stem only. L11 or LFP only. Not available with Warm Dim or Tunable White.)			
Canopy Color ²			
(See finishes page for The Naturals options available with PC and MPC canopies only)			
	Matte Black	BK	
	Matte White	WH	
	Paladium Silver	PS	
Control System & Dimming Level			
	0-10V - 0% Dimming ³	LZ1	
	0-10V - 1% Dimming	L11	
	0-10V - 10% Dimming ³	LD1	
	Phase Dimming	LFP	
(120V only. 700DN & 900DN not available with PC or DPC)			
	Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming ³	LH1	
(700DN & 900DN not available.)			
	DALI - 0% Dimming ³	DZ1	
	DALI - <1% Dimming (Tunable White) ³	DZTW	
	DALI - 1% Dimming ³	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	B_	
(Specify in inches, example: 8' stem = B96, Not available with MPC)			
	12", Fixed Stem	S12	
	18", Fixed Stem	S18	
	2'- 8' in 1' increments, Fixed Stem	S_	
(Specify in inches, example: 8' stem = S96)			
Suspension Color ²			
	Black	BK	
	White	WH	
Gray	(Cable mount only. Not available with MPC or Tunable White)	GRY	
	Paladium Silver (Stem mount only)	PS	
Direct Optic			
	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	
Factory Options			
	Emergency Battery Remote	EMR	
(J-box cannot be recessed above the ceiling. Remote test switch. Not available with Warm dim & Tunable white.)			
Reflector Color			
	Clear Diffuse	CD	
	Warm Diffuse	WD	
	White	WH	
	Black	BK	
Luminaire Finish ²			
(See finishes page for The Naturals options)			
	Black	BK	
	White	WH	
	Paladium Silver	PS	
	Custom Color options available	RAL_ _ _ _	
[†] (LFP not available with PC or DPC.)			
^{**} (1500DN only. DNS only. PC or DPC only.)			
¹ (DZTW with PC or DPC only.)			
¹ (2300DN not available with DSS)			
² (For custom colors specify an RAL color. Suspension custom color available for Stem mount only. Extended lead time, consult factory.)			
³ (PC or DPC only)			

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)

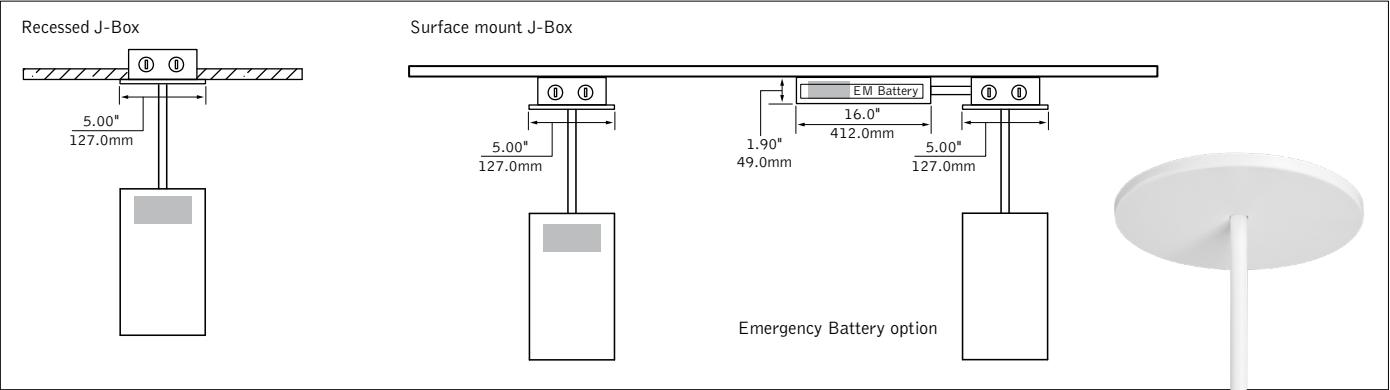
Example: FLCY3N-RD-1000DN-35K-DNT-FL1-CD

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

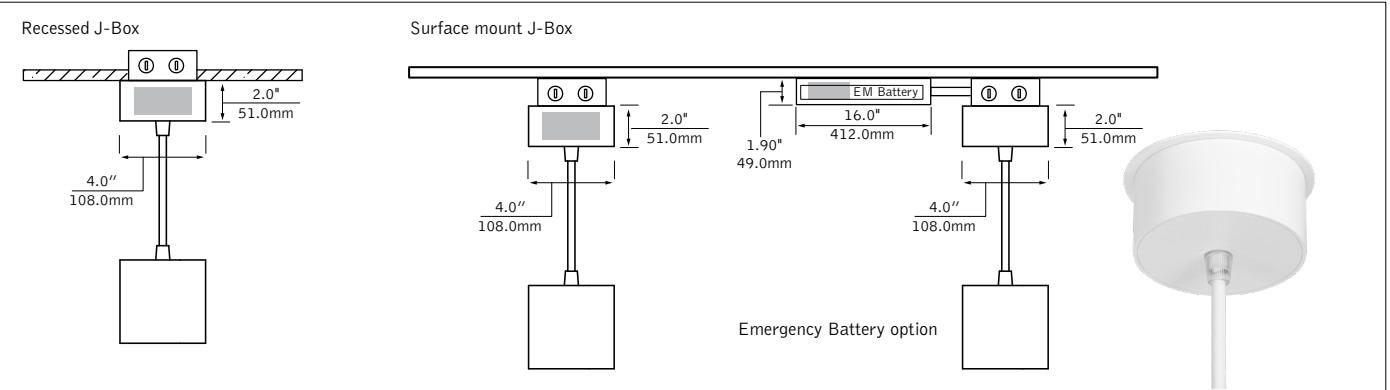
DIMENSIONAL DATA

SC - Shallow Canopy, Integral Driver

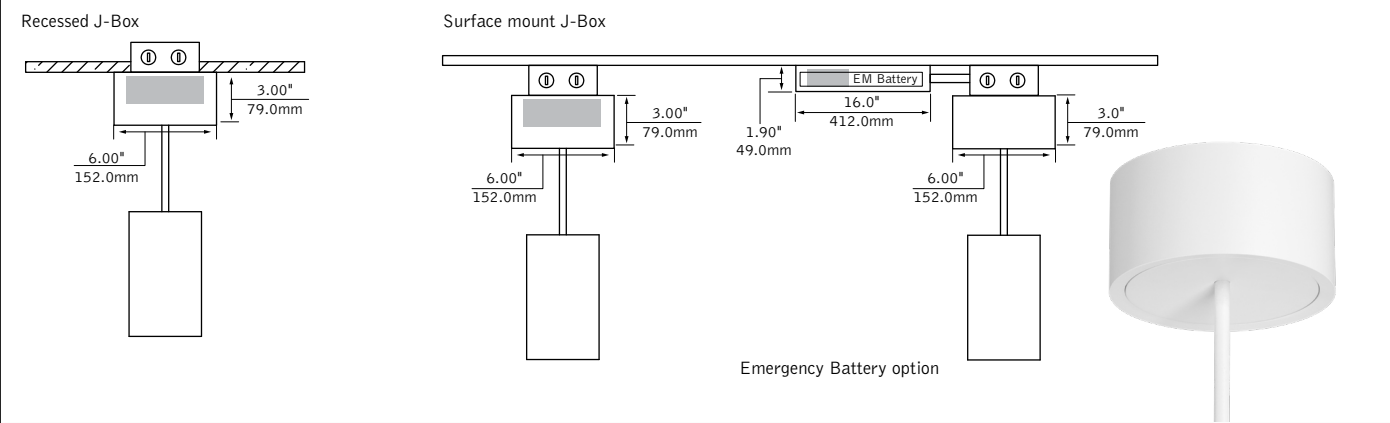
 Indicates Driver Location



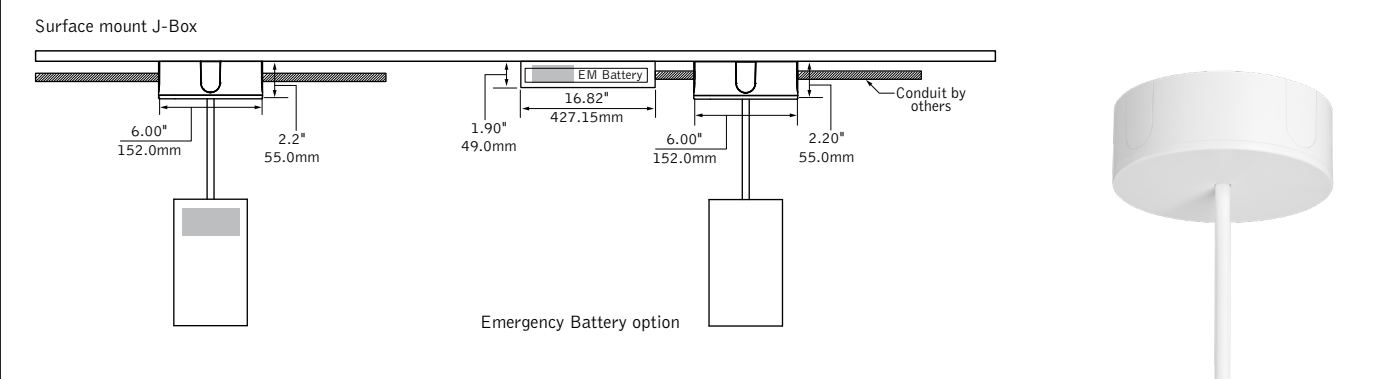
MPC - Mini Power Canopy (cable suspension shown)



PC - Power Canopy

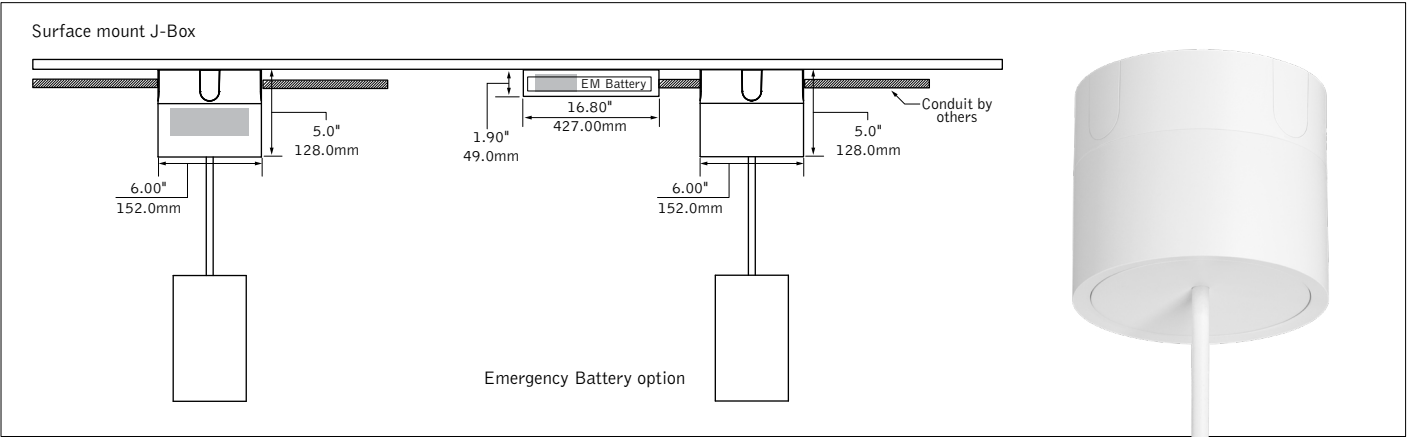


DSC - Shallow Canopy with decorative J-box cover, Integral Driver



DIMENSIONAL DATA CONTINUED

DPC - Power Canopy with decorative J-box cover




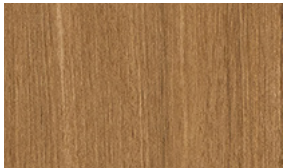
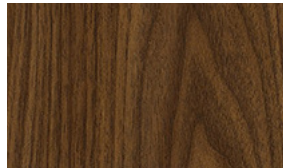
Finishes



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