

ID+ 3.5" Pure Cylinder

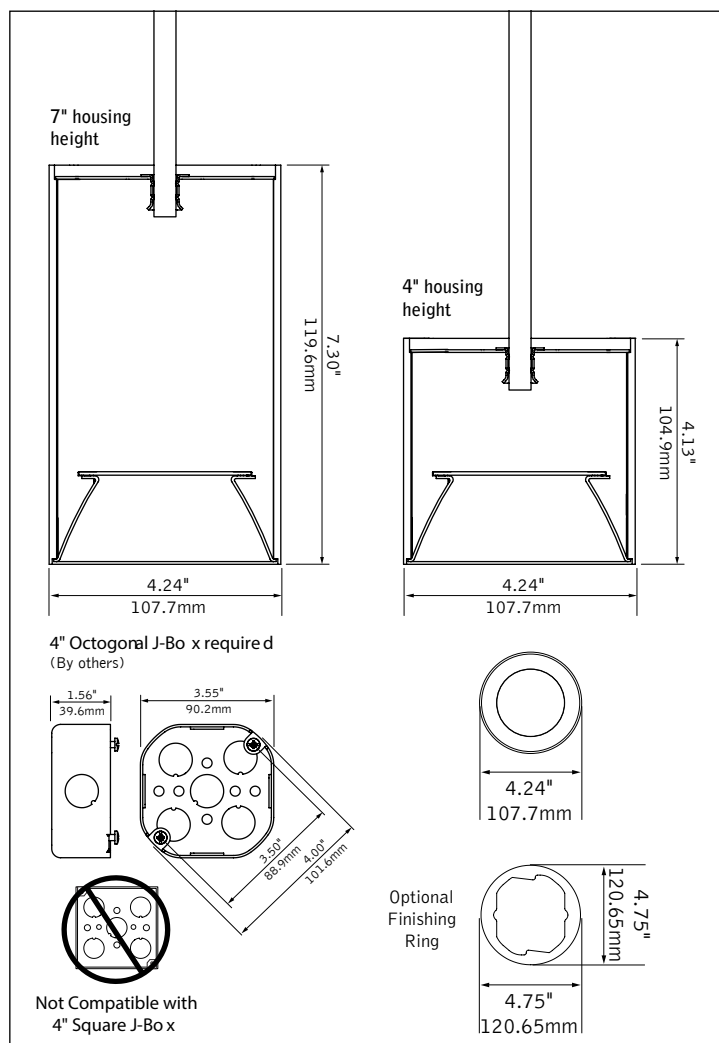
LED PENDANT



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.

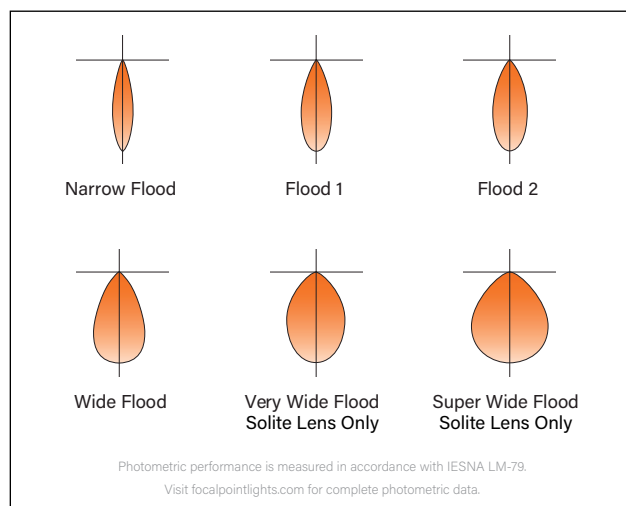
Multiple canopy options enable various driver offerings and conduit installations while maintaining premier aesthetics.

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"			
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)†		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
Low Voltage (LVN only)			LV
Canopy Configuration			
Shallow Canopy, Integral Driver¹			SC
Shallow Canopy with decorative J-box cover,¹			DSC
Integral Driver			
Power Canopy, driver inside canopy²			PC
Power Canopy with decorative J-box cover,²			DPC
driver inside canopy			
Mini Power Canopy, drive inside canopy²			MPC
(Cable or Fixed Stem only. L11 or LFP only. Not available with Warm Dim or Tunable White.)			
Canopy Color³			
(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% Dimming⁴			LZ1
0-10V - 1% Dimming			L11
0-10V - 10% Dimming⁴			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% Dimming⁴			LH1
(700DN & 900DN not available.)			
DALI - 0% Dimming⁴			DZ1
DALI - <1% Dimming (Tunable White)⁴			DZTW
DALI - 1% Dimming⁴			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 Color³			
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 Finish³			
(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.

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.

4" ORDERING			FLCY3N
Luminaire Series			
ID+ 3.5" Pure Cylinder			FLCY3N
Trim Type			RD
Round			
Housing Height			4H
4"			
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 1800-4000K, 90+ CRI ^(900DN max) †			91840T
White 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
Canopy Configuration			
Power Canopy, driver inside canopy [†]			PC
Power Canopy with decorative J-box cover, [†] driver inside canopy			DPC
Mini Power Canopy, driver inside canopy [†]			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.)			
[†] (DZTW with PC or DPC only.)			
[†] (2300DN not available with DSS)			
[†] (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)

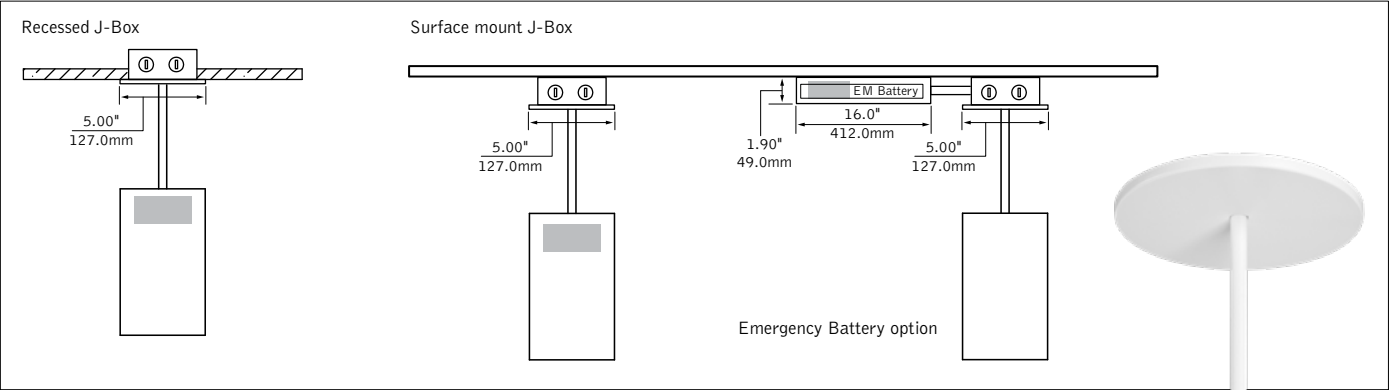
Example: FLCY3N-RD-1000DN-35K-DNT-FL1-CD

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

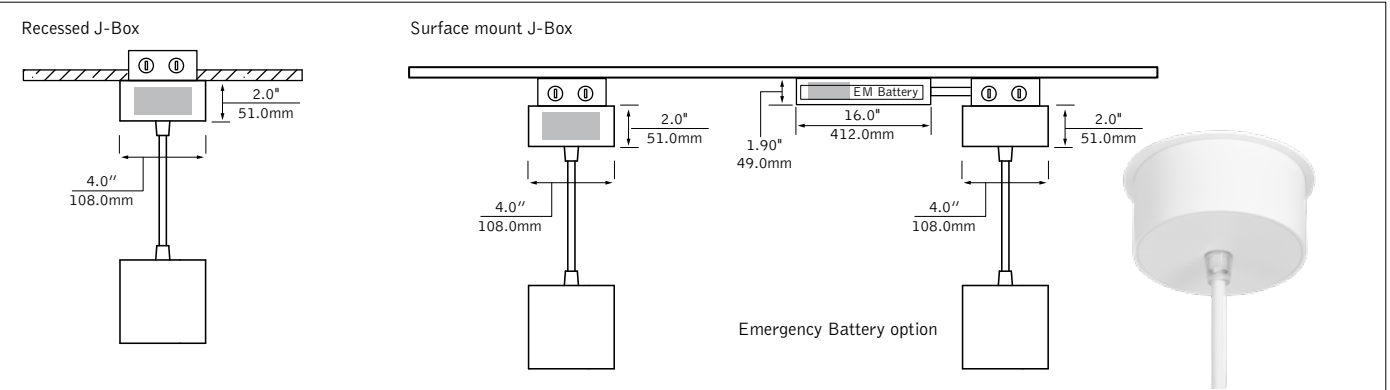
DIMENSIONAL DATA

SC - Shallow Canopy, Integral Driver

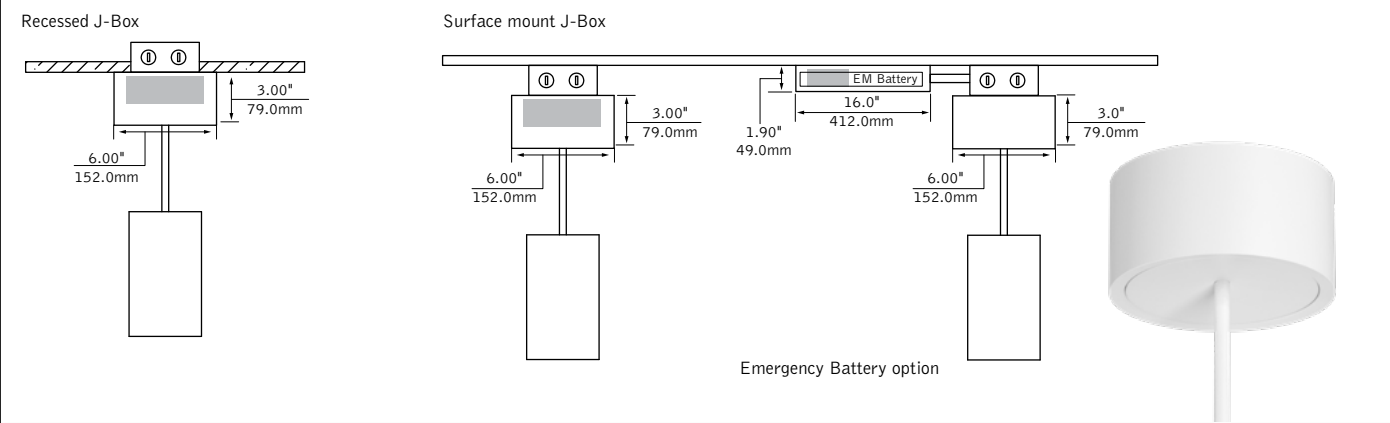
 Indicates Driver Location



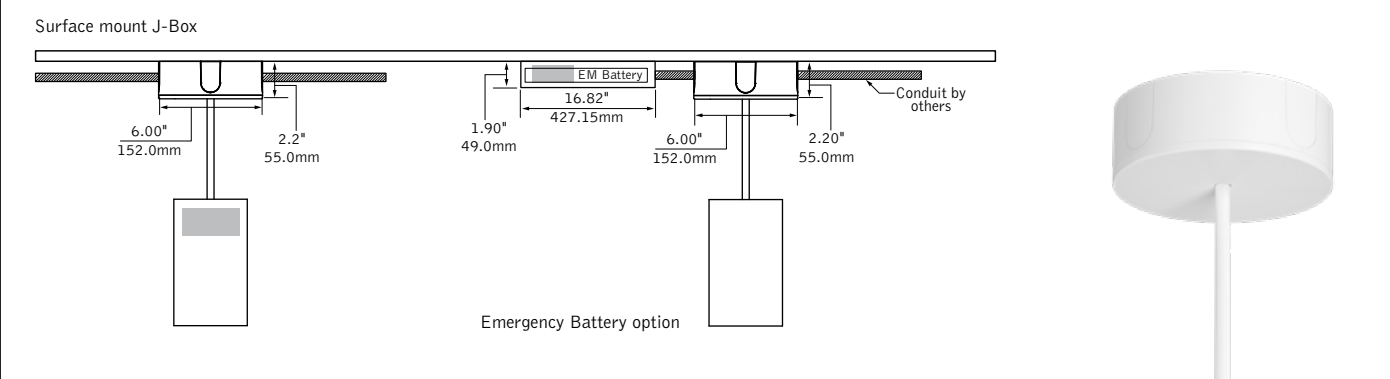
MPC - Mini Power Canopy (cable suspension shown)



PC - Power Canopy



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



DPC - Power Canopy with decorative J-box cover

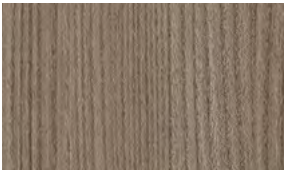
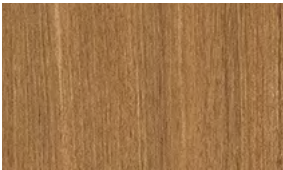
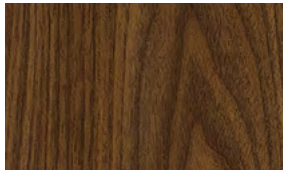
Finishes



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