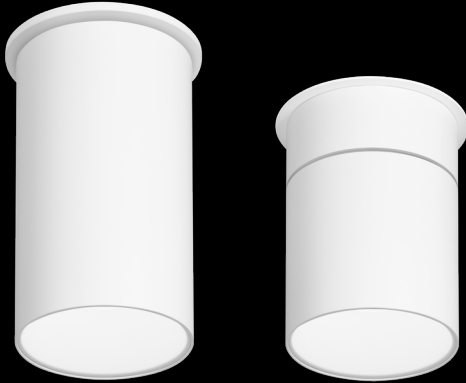
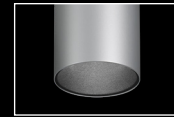


ID+ 3.5" Pure Cylinder

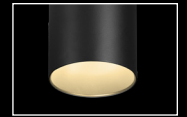
LED SURFACE MOUNT



White



Palladium Silver



Black



Shallow Canopy



Decorative Shallow Canopy



Power Canopy

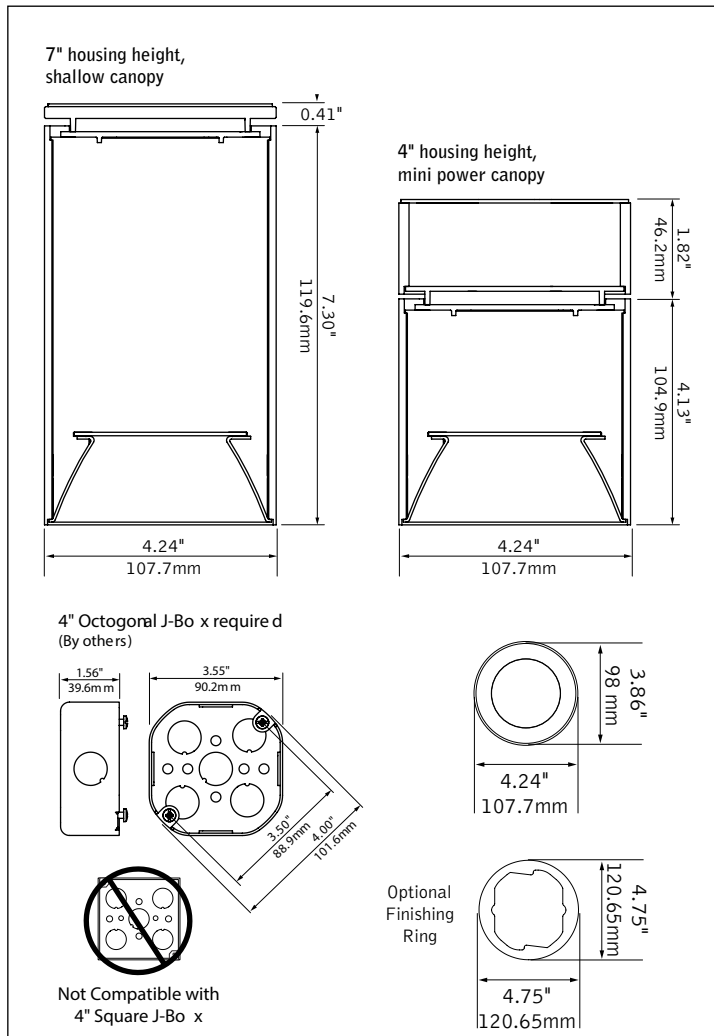


Decorative Power Canopy



Suspended Companion

DIMENSIONAL DATA



FEATURES

3.5" solid body surface mount cylinder available in 4" or 7" housing heights.

50°, 60° and 75° cut-off reflector options available.

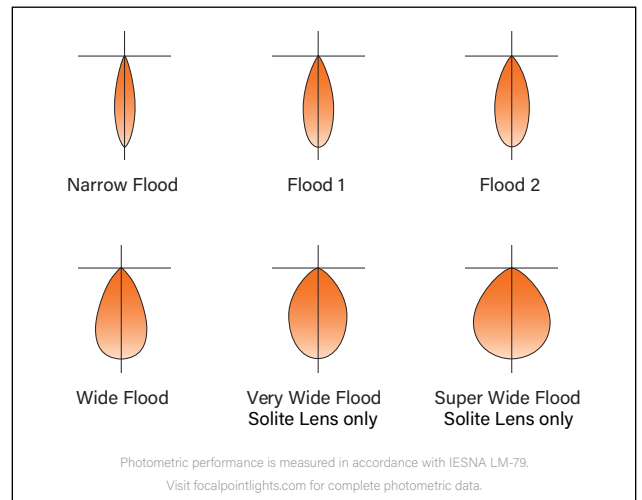
25° to 90° beam spreads support accent lighting, task lighting and general illumination.

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

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 7 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 —7W for 90 minutes. Maximum mounting height: 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. Shallow Canopy with Integral Driver, Wet Location standard, indoor use only.

Finish

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

Lumen Maintenance

Calculated: L70 at 60,000hours

Reported: L70 at 60,000 hours

(Derived from EPA TM-21 calculator per X,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.

7" ORDERING		FLCY3N	FLCY3N
Luminaire Series			RD
ID+ 3.5" Pure Cylinder			7H
Trim Type		RD	
Round			
Housing Height		7H	
7"			
(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 (PC, DPC, MPC only)		1900DN	
2100 Lumens (PC or DPC only)		2100DN	
2300 Lumens (PC or DPC only, DSS not available.)		2300DN	
Color Temperature			
(Add 9 for 90 CRI or H for 97 CRI. Leave blank for 80 CRI.)			
Warm Dim Tunable White	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		1C	
Voltage			
UNV 120/277 Volt		UNV	
120 Volt		120	
277 Volt		277	
Canopy Configuration			
Shallow Canopy, Integral Driver¹		SC	
Shallow Canopy with decorative J-box cover,¹			
Integral Driver		DSC	
Power Canopy, driver inside canopy²		PC	
Power Canopy with decorative J-box cover,²			
driver inside canopy		DPC	
Mini Power Canopy, drive inside canopy		MPC	
(1900DN max. L11 & LFP only. Not available with Warm Dim & Tunable White)			
Canopy Color³			
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.)		LVN	
Phase Dimming			
(120V only. 700DN & 900DN not available with PC or DPC)		LFP	
Lutron Hi-Lume EcoSystem (LDE1) -⁴			
1% Dimming (700DN, 900DN not available)		LH1	
DALI - 0% Dimming⁴		DZ1	
DALI - <1% Dimming (Tunable White)⁴		DZTW	
DALI - 1% Dimming⁴		D11	
Mounting			SM
Surface Mount			
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	
Low Voltage (LVN control system only)		LV	
Factory Options			
Emergency Battery Remote			
(J-box cannot be recessed above the ceiling. Remote test switch. LV, Warm Dim & Tunable White not available.)		EMR	
Reflector Color			
Clear Diffuse		CD	
Warm Diffuse		WD	
White		WH	
Black		BK	
Luminarie Finish³			
Black		BK	
White		WH	
Paladium Silver		PS	
Custom Color option 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.)			
‡(1700DN max., L11, LFP & LVN only)			
⁴(2300DN not available with DSS.)			
⁵(Specify your RAL color value. Extended lead time consult factory)			
⁶(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 7 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 —7W for 90 minutes. Maximum mounting height: 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.

Lumen Maintenance

Calculated: L70 at 60,000hours

Reported: L70 at 60,000 hours

(Derived from EPA TM-21 calculator per X,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		
Luminaire Series		FLCY3N
ID+ 3.5" Pure Cylinder		FLCY3N
Trim Type		RD
Round		RD
Housing Height		4H
4"		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 (PC or DPC only)		2100DN
2300 Lumens (PC or DPC 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	2700-1800K, 90+ CR**	92718W
	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		1C
Voltage		
UNV 120/277 Volt		UNV
120 Volt		120
277 Volt		277
Canopy Configuration		
Power Canopy, driver inside canopy¹		PC
Power Canopy with decorative J-box cover,,₁ driver inside canopy		DPC
Mini Power Canopy, driver inside canopy (1900DN max. L11 & LFP only. Not available with Warm Dim & Tunable White)		MPC
Canopy Color²		
Matte Black		BK
Matte White		WH
Palladium Silver		PS
Control System & Dimming Level		
0-10V - 0% Dimming³		LZ1
0-10V - 1% Dimming		L11
0-10V - 10% Dimming³		LD1
Phase Dimming		LFP
(120V only. 700L & 900L not available with PC or DPC)		
Lutron Hi-Lume EcoSystem (LDE1) -₃		LH1
1% Dimming (700DN & 900DN not available.)		
DALI - 0% Dimming³		DZ1
DALI - <1% Dimming (Tunable White)³		DZTW
DALI - 1% Dimming³		D11
Mounting		SM
Surface Mount		
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 (J-box cannot be recessed above the ceiling. Remote test switch. Not available with Warm dim & Tunable white.)		EMR
Reflector Color		
Clear Diffuse		CD
Warm Diffuse		WD
White		WH
Black		BK
Luminarie Finish²		
Black		BK
White		WH
Palladium Silver		PS
Custom Color option available		RAL_ _ _ _

¹(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)
⁴(Specify your RAL color value. Extended lead time consult factory)
⁵(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)

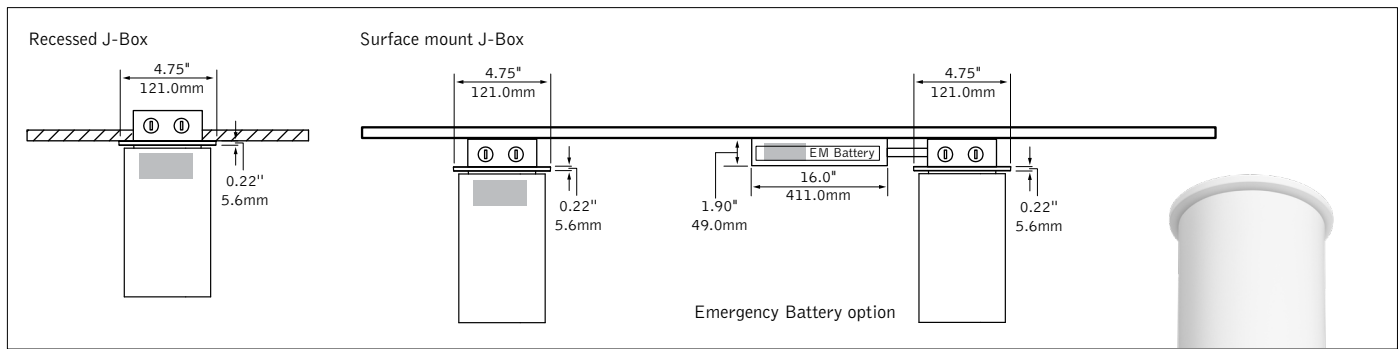
Example: FLCY3N-RD-1000DN-35K-DNT-FL1-CD

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

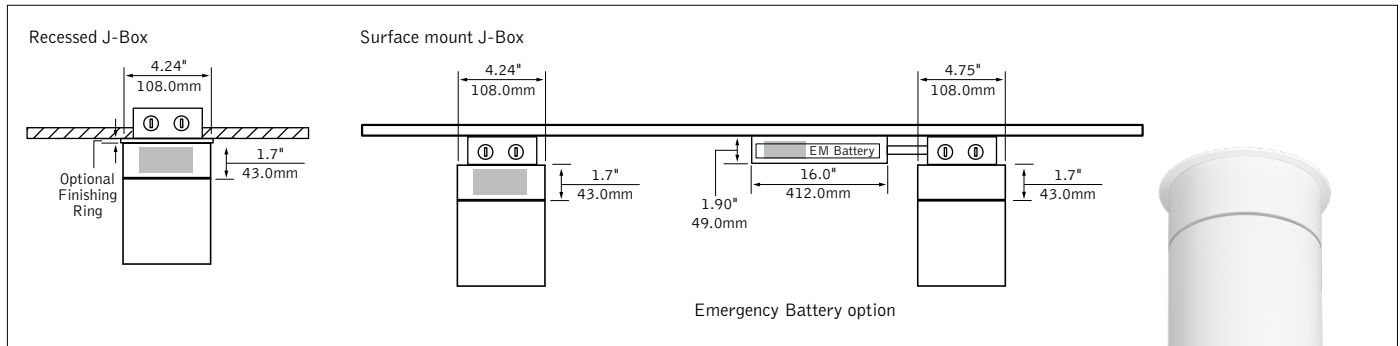
DIMENSIONAL DATA CONTINUED

SC - Shallow Canopy, Integral Driver

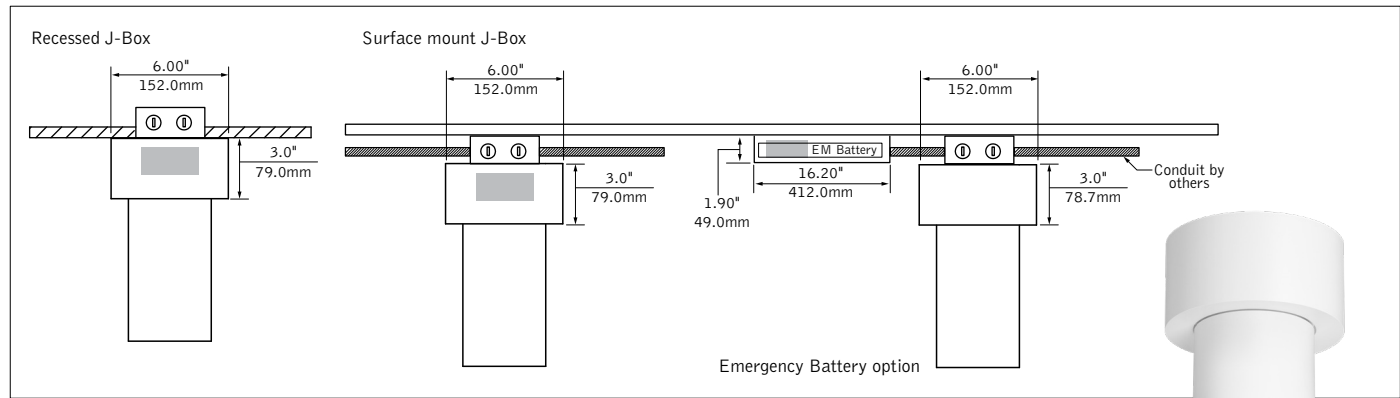
Indicates Driver Location



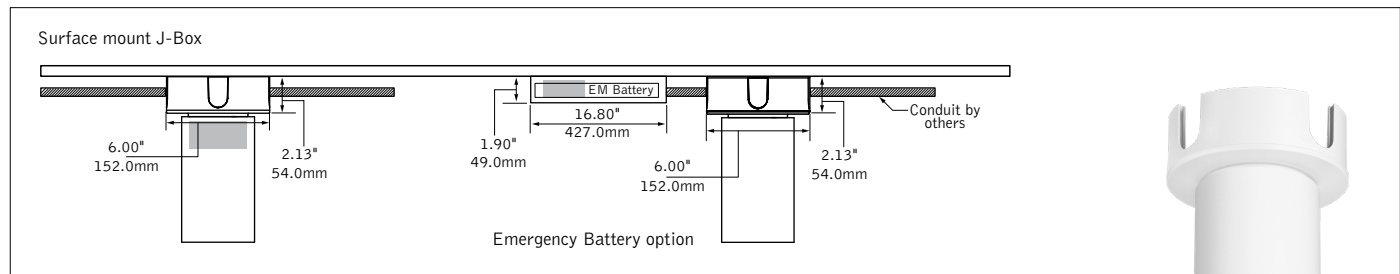
MPC - Mini Power Canopy



PC - Power Canopy



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



DPC - Power Canopy with decorative J-box cover

