

MPT3-R-SM-2R-RT MONOPOINT ROUND

SURFACE MOUNT 2-1/2" CANOPY for REMOTE DRIVER

Project Name	
Date	Type
Prepared By	
Comments	
Catalog # MPT3-R-SM-2R-RT - / - - / -	



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Doc # 91214-13.0



PRODUCT FEATURES

MPT3-R-SM-2R-RT - SURFACE MOUNT 4" CANOPY for REMOTE DRIVER



Note: Positions 1-3 can be set before or after installation. See Pages 6-7 for additional details.

AVAILABLE FINISHES:



MPT3-RT SERIES SPECIFICATION SUMMARY

	Static White Standard Output			Static White High Output	Warm Dimming			Tunable White
LED Option	HI-3	HI-2	HI	HI	WD	WD-2	WD-4	TW
Delivered Lumens	1003	998	1220	1489	1024	940	1057	1087
System Wattage	14.6	14.8	14.4	19.9	14.6	14.7	14.5	15.1
Efficacy	69	68	85	75	70	64	73	72
CRI	98	94	92	92	95	96	95	95
R9	97	62	55	53	73	73	69	76
CCT Options	2700K, 3000K				3000-1800K	2800-2200K	3000-2200K	4700-2200K
Optic Options	15, 25, 40	10	15, 25, 40	15, 25, 40	15, 25, 40			15T, 25, 40
Color Consistency	2-Step				3-Step			
Optical Accessories	Narrow, Medium, Wide, Extra Wide, Linear Spread, and 2400K, 2700K, 3500K Color Filters							
Adjustability	110° Tilt, 320° Rotation, Lockable							
Driver Options	REMOTE: <1% Forward/Reverse Phase (120v), 0.1/1% 0-10v (120-277v), 0.1/1% DALI (120-277v), 0.1% DMX (120-277v), 0.1% EcoSystem (120 or 277v)							
Finish Options	White, Oil-Rubbed Bronze, Pewter, Satin Nickel, Black							
Mounting Options	Ceiling/Wall Mount: 6, 12, 18, 24 Stem Options							
Junction Box	Direct to Mounting Surface (no Junction Box required)							

Static White data shown for 3000K.
Warm Dimming data shown for 3000K and 2800K.
Tunable White data shown for 3000K.
See Performance Summaries for additional information.

MPT3-R-SM-2R-RTMONOPOINT
SURFACE MOUNTSTEM
OPTIONS*

FINISH

LED OPTIONS

OPTIC OPTIONS

OPTICAL ACCESSORIES
(Optional)**MPT3-R-SM-2R-RT**ROUND Monopoint with 2-1/2" ROUND Surface
Mount Canopy for REMOTE* driver

*Remote driver can be installed up to 100' from
fixture depending on driver model and wire size.
See Page 3 for additional details.

6
(standard)**12****18****24†**

* See pages 6-7
for additional
details.

† Not for use
in wall mount
applications.

WH
WHITE**PW**
PEWTER***SN**
SATIN NICKEL***OB**
OIL-RUBBED BRONZE***BK**
BLACK

*Specialty finish.

HI-27

2700K White LED

HI

3000K White LED

HI-2-27*

2700K White LED

HI-2*

3000K White LED

HI-3-27†

2700K White LED

HI-3†

3000K White LED

WD†

3000-1800K Warm Dim LED

WD-2†

2800-2200K Warm Dim LED

WD-4†

3000-2200K Warm Dim LED

TW†4700-2200K Tunable White
LED

*For use with 10° optic only.
Available in standard output
only.

†Available in standard output
only.

10*

10°

Very Narrow Spot

15†

15°

Narrow Spot

15T**

15°

Narrow Spot - Tun-
able White**25††**

25°

Narrow Flood

40††

40°

Flood

*For use with HI-2
or HI-3 LED options
only.

†For use with HI,
HI-3, WD, WD-2,
or WD-4 LED op-
tions only.

**For use with TW
LED option only.

††Not for use with
HI-2 LED options.

HEX†Hex-Cell Louver and Deep
Lens Ring**NSP**

Narrow Softening Lens

NFL

Medium Softening Lens

FL

Wide Softening Lens

WFL

Extra Wide Softening Lens

LS

Linear Spread Softening Lens

CF24*

2400K Color Filtering Lens

CF27**

2700K Color Filtering Lens

CF35**

3500K Color Filtering Lens

†Requires deep lens ring
(included).

*For use with HI, HI-2 and
HI-3 2700K LED options only.

**For use with HI, HI-2, and
HI-3 3000K LED options only.

REMOTE DRIVER OPTIONS

OUTPUT

PR1-M-RTREMOTE Premium Forward or Reverse-
Phase <1% Dimming**EL1-M-RT-1L**

REMOTE EdoLED 0-10V 1% Dimming

EL1-01-M-RT-1L

REMOTE EdoLED 0-10v 0.1% Dimming

EL2-M-RT-1L

REMOTE EdoLED DALI 1% Dimming

EL2-01-M-RT-1L

REMOTE EdoLED DALI 0.1% Dimming

EL3-M-RT-1L†REMOTE EdoLED 2-channel DALI-2 0.1%
Dimming**EL4-M-RT-1L†**REMOTE EdoLED 2-channel DMX 0.1%
Dimming**EL5-M-RT-1L†**REMOTE EdoLED 2-channel 0-10V 0.1%
Dimming**LU4-M-RT-1L****REMOTE Lutron Hi-Lume PEQOE 0.1%
EcoSystem Dimming**350**Standard output for HI-3, HI-3-27,
WD, WD-2, WD-4 LED Options**700†**

Standard output for TW LED Option

1000Standard output for HI, HI-27, HI-2, or
HI-2-27 LED Options**1400***High output for HI or HI-27 LED
Options

†For use with EL3, EL4, or EL5 driver
options only.

*Not available w/ LU4 driver option.

** Available in standard output only.

†Available with TW LED option and standard output only.

MOUNTING NOTES:

MPT3-R-SM-2R-RT Fixture installs directly to mounting surface
and not to a junction box or mud ring. Provide suitable blocking
to support the installation and allow sufficient space at behind
canopy for low voltage connections. See Page 3 for additional
details.

**Features**

MPT3-R-SM-2R-RT Fully adjustable ROUND monopoint with 2-1/2" ROUND surface mount
canopy for REMOTE driver. Three field adjustable housing positions with 0-110° tilt and 360°
rotation. Use for adjustable accent, wall wash, and general lighting applications. Minimal 1-3/4"
aperture and integrated snout with 1/2" beveled regress for glare control. Multiple lengths avail-
able - see Pages 6-7 for additional details.

Installation Notes

Ceiling or wall mountable. For low and standard output options, ambient temperatures adjacent to
fixture should not exceed 40°C (104°F). For high output options, ambient temperatures adjacent
to fixture should not exceed 25°C (77°F). For all output options, ambient temperatures adjacent to
remote mounted drivers should not exceed 25°C (77°F). UL damp listed for covered ceiling/wall
applications. Not for use in wet locations.

Finish Notes

White finish is field paintable. Lot variation may occur with specialty finishes. Ordering ALL fixtures
at the same time is recommended to minimize finish variation.

LED Option and Accessory Notes

To ensure fixture to fixture color consistency, use of the same LED option with adjacent fixtures is
recommended. One field interchangeable optic option included standard. Up to two additional
optical accessories can be accommodated with standard lens ring. Up to three additional optical
accessories can be accommodated with optional deep lens ring (included with HEX option).

Driver and Output Option Notes

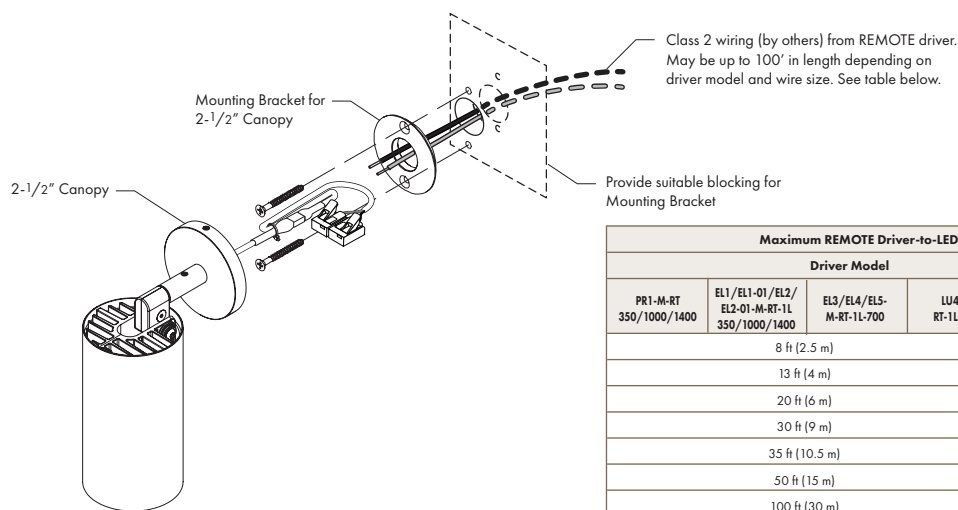
0-10v driver options are configured for linear control. DALI driver options are configured for loga-
rithmic control. No.8 Lighting conducts extensive testing to establish compatibility with many dim-
mer types. For a complete list of compatible dimmers, see 8lighting.com/resources-downloads.
Outputs vary depending on LED type, trim type, and optical accessories used. For photometric
files in PDF and IES formats, see 8lighting.com/mpt3-series.

Warranty

All No. 8 Lighting products are covered by a 5 year limited warranty. For specific warranty details
and limitations, see 8lighting.com/resources-downloads.

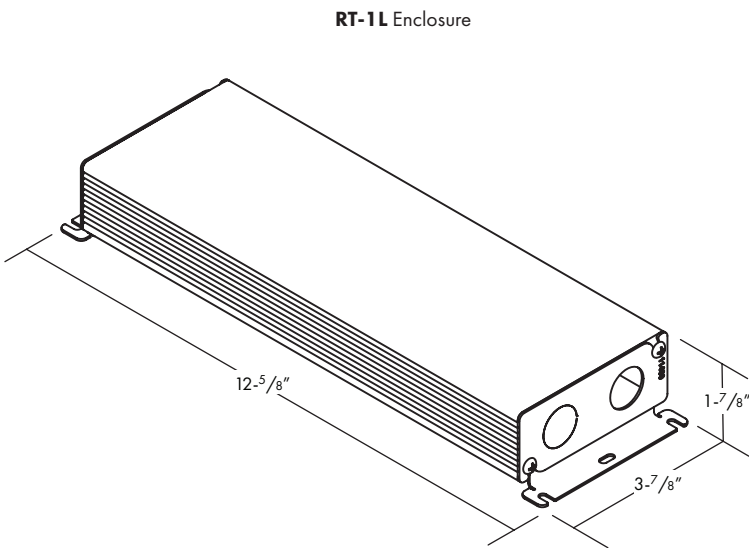
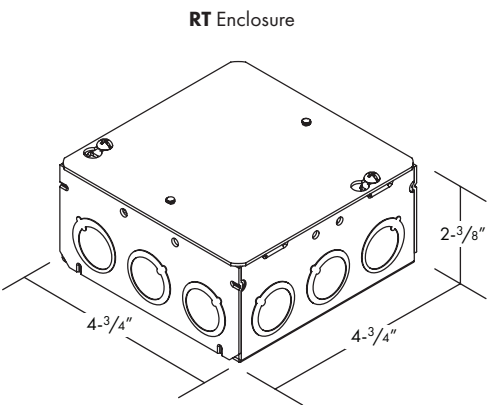
JA8-2025 CA Title 24 Compliant.

MPT3-R-SM-2R-RT - SURFACE MOUNT 2-1/2" CANOPY - MOUNTING and REMOTE DRIVER WIRING



Maximum REMOTE Driver-to-LED Light Engine Wire Length					
Driver Model					Wire Gauge
PR1-M-RT 350/1000/1400	EL1/EL1-01/EL2/ EL2-01-M-RT-1L 350/1000/1400	EL3/EL4/EL5- M-RT-1L-700	LU4-M RT-1L-350	LU4-M RT-1L-1000	
8 ft (2.5 m)				4 ft (1.2 m)	24 AWG (0.2 mm ²)
13 ft (4 m)				6 ft (1.8 m)	22 AWG (0.34 mm ²)
20 ft (6 m)				10 ft (3 m)	20 AWG (0.5 mm ²)
30 ft (9 m)				15 ft (4.5 m)	18 AWG (.75 mm ²)
35 ft (10.5 m)				25 ft (7.5 m)	16 AWG (1.5 mm ²)
50 ft (15 m)				40 ft (12 m)	14 AWG (2.5 mm ²)
100 ft (30 m)				60 ft (18 m)	12 AWG (4.0 mm ²)
Wire Type: Stranded Class 2 wire (supplied by others)					

MPT3-RT SERIES REMOTE DRIVER ENCLOSURES



MPT3-RT SERIES - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	2700K	92	55	1038-1135	14	73-79
HI	1000	3000K	92	55	1116-1220	14	79-85
HI-27	1400	2700K	92	53	1252-1385	20	63-70
HI	1400	3000K	92	53	1346-1489	20	68-75
HI-2-27	1000	2700K	94	62	928	14.8	61
HI-2	1000	3000K	94	62	998	14.8	68
HI-3-27	350	2700K	98	92-97	848-933	14.7	58-64
HI-3	350	3000K	98	92-97	912-1003	14.7	62-69
WD	350	3000-1800K	95	73	954-1024	14.6	66-70
WD-2	350	2800-2200K	96	73	872-940	14.7	60-64
WD-4	350	3000-2200K	95	69	981-1057	14.5	68-73
TW	700	4700-2200K	95	76	901-1087	15	60-72

Performance summary for **HI** LED with 15°, 25°, and 40° optic options, **HI-2** LED with 10° optic option, and **HI-3** with 10°, 15°, 25°, and 40° optic options.

Performance summary for **WD** and **WD-4** LED at 3000K and **WD-2** LED at 2800K with 15°, 25°, and 40° optic options.

Performance summary for **TW** LED at 3000K with 15°, 25°, and 40° optic options.

MPT3-RT SERIES - OPTICAL OPTIONS AND ACCESSORY PERFORMANCE SUMMARY

OPTIC OPTIONS	LED OPTION	BEAM ENHANCING LENS (OPTIONAL)*				
		+ NSP	+ NFL	+ FL	+ WFL	+ LS
10° Very Narrow Spot	HI-2	14°	26°	47°	51°	13° x 37°
10° Very Narrow Spot	HI-3	14°	27°	48°	54°	13° x 47°
15° Narrow Spot	HI	20°	31°	54°	61°	21° x 46°
15° Narrow Spot	HI-3	17°	29°	52°	59°	17° x 45°
15° Narrow Spot	WD/WD-2/WD-4	24°	33°	52°	64°	23° x 49°
15° Narrow Spot	TW	23°	30°	44°	50°	21° x 40°
25° Narrow Flood	HI	29°	36°	55°	64°	29° x 51°
25° Narrow Flood	HI-3	24°	33°	55°	64°	24° x 49°
25° Narrow Flood	WD/WD-2/WD-4	29°	37°	56°	68°	28° x 53°
25° Narrow Flood	TW	29°	36°	57°	64°	29° x 51°
40° Flood	HI	40°	44°	63°	75°	38° x 60°
40° Flood	HI-3	34°	40°	62°	72°	33° x 56°
40° Flood	WD/WD-2/WD-4	37°	42°	62°	74°	36° x 59°
40° Flood	TW	37°	42°	62°	72°	36° x 58°

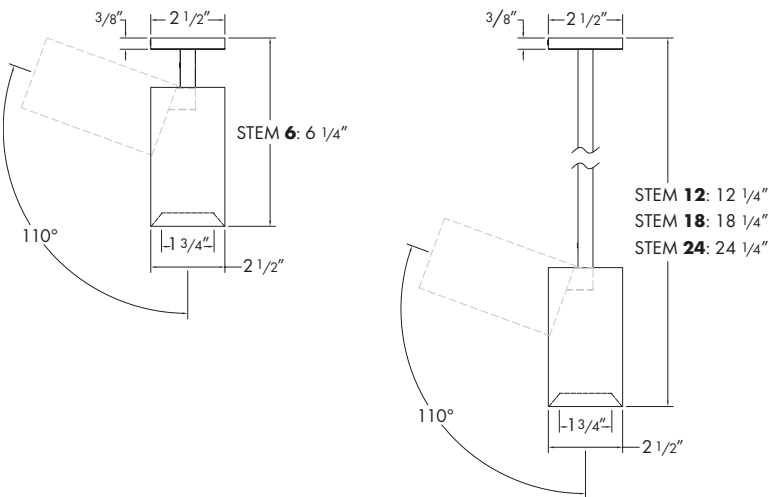
*Beam enhancing lens used in combination with 10°, 15°, 25°, or 40° optic to achieve desired beam spread.

MPT3-RT SERIES - CONE OF LIGHT DIAGRAMS

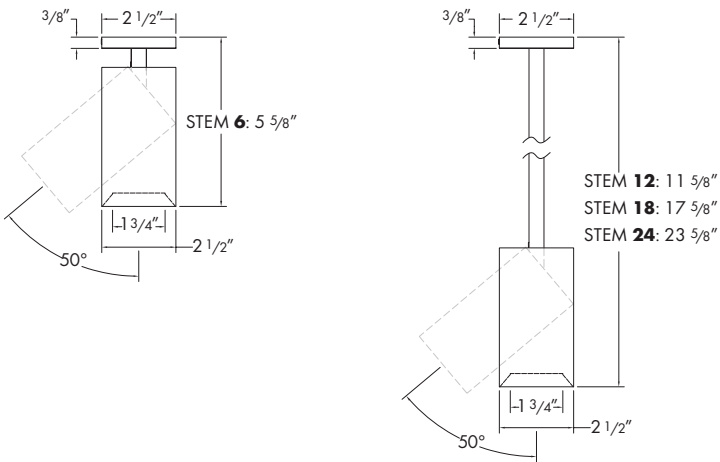
STANDARD OUTPUT - HI-2/ HI LED	10° - Very Narrow Spot MPT3-(R/S)-RT/Hi-2-10/1000 2 ft - 3,829 fc Ø0.4 ft 4 ft - 957 fc Ø0.7 ft 6 ft - 425 fc Ø1.1 ft 8 ft - 239 fc Ø1.5 ft 10 ft - 153 fc Ø1.9 ft CBCP: 15,496 cd	15° - Narrow Spot MPT3-(R/S)-RT/Hi-15/1000 2ft - 1,703 fc Ø0.6 ft 4ft - 426 fc Ø1.3 ft 6ft - 189 fc Ø1.9 ft 8ft - 106 fc Ø2.6 ft 10ft - 68 fc Ø3.2 ft CBCP: 6,842 cd	25° - Narrow Flood MPT3-(R/S)-RT/Hi-25/1000 2ft - 865 fc Ø1.0 ft 4ft - 216 fc Ø2.0 ft 6ft - 96 fc Ø3.0 ft 8ft - 54 fc Ø4.0 ft 10ft - 35 fc Ø4.9 ft CBCP: 3,470 cd	40° - Flood MPT3-(R/S)-RT/Hi-40/1000 2ft - 538 fc Ø1.4 ft 4ft - 135 fc Ø2.9 ft 6ft - 60 fc Ø4.3 ft 8ft - 34 fc Ø5.7 ft 10ft - 22 fc Ø7.2 ft CBCP: 2,158 cd
		15° - Narrow Spot MPT3-R/S-RT/Hi-15/1400 2ft - 2206 fc Ø0.6 ft 4ft - 552 fc Ø1.3 ft 6ft - 245 fc Ø1.9 ft 8ft - 138 fc Ø2.6 ft 10ft - 88 fc Ø3.2 ft CBCP: 8,881 cd	25° - Narrow Flood MPT3-R/S-RT/Hi-25/1400 2ft - 1,139 fc Ø1.0 ft 4ft - 285 fc Ø2.0 ft 6ft - 127 fc Ø2.9 ft 8ft - 71 fc Ø3.9 ft 10ft - 46 fc Ø4.9 ft CBCP: 4,579 cd	40° - Flood MPT3-R/S-RT/Hi-40/1400 2ft - 700 fc Ø1.4 ft 4ft - 175 fc Ø2.9 ft 6ft - 78 fc Ø4.3 ft 8ft - 44 fc Ø5.7 ft 10ft - 28 fc Ø7.2 ft CBCP: 2,809 cd
	10° - Very Narrow Spot MPT3-(R/S)-RT/Hi-3-10/350 2 ft - 2,831 fc Ø0.4 ft 4 ft - 708 fc Ø0.7 ft 6 ft - 315 fc Ø1.1 ft 8 ft - 177 fc Ø1.4 ft 10 ft - 113 fc Ø1.8 ft CBCP: 11,580 cd	15° - Narrow Spot MPT3-(R/S)-RT/Hi-3-15/350 2ft - 1,965 fc Ø0.5 ft 4ft - 491 fc Ø1.1 ft 6ft - 218 fc Ø1.6 ft 8ft - 123 fc Ø2.2 ft 10ft - 79 fc Ø2.7 ft CBCP: 7,957 cd	25° - Narrow Flood MPT3-(R/S)-RT/Hi-3-25/350 2ft - 991 fc Ø0.8 ft 4ft - 248 fc Ø1.6 ft 6ft - 110 fc Ø2.4 ft 8ft - 62 fc Ø3.2 ft 10ft - 40 fc Ø4.0 ft CBCP: 3,978 cd	40° - Flood MPT3-(R/S)-RT/Hi-3-40/350 2ft - 609 fc Ø1.2 ft 4ft - 152 fc Ø2.4 ft 6ft - 68 fc Ø3.6 ft 8ft - 38 fc Ø4.8 ft 10ft - 24 fc Ø6.0 ft CBCP: 2,438 cd
		15° - Narrow Spot MPT3-(R/S)-RT/WD-15/350 2ft - 1,059 fc Ø0.8 ft 4ft - 265 fc Ø1.6 ft 6ft - 118 fc Ø2.4 ft 8ft - 66 fc Ø3.3 ft 10ft - 42 fc Ø4.1 ft CBCP: 4,255 cd	25° - Narrow Flood MPT3-(R/S)-RT/WD-25/350 2ft - 691 fc Ø1.0 ft 4ft - 173 fc Ø2.0 ft 6ft - 77 fc Ø3.0 ft 8ft - 43 fc Ø4.0 ft 10ft - 28 fc Ø5.0 ft CBCP: 2,770 cd	40° - Flood MPT3-(R/S)-RT/WD-40/350 2ft - 528 fc Ø1.3 ft 4ft - 132 fc Ø2.6 ft 6ft - 59 fc Ø3.9 ft 8ft - 33 fc Ø5.2 ft 10ft - 21 fc Ø6.5 ft CBCP: 21,820 cd
		15° - Narrow Spot MPT3-(R/S)-RT/TW-15T/700 2ft - 1,758 fc Ø0.8 ft 4ft - 440 fc Ø1.5 ft 6ft - 195 fc Ø2.3 ft 8ft - 110 fc Ø3.1 ft 10ft - 70 fc Ø3.8 ft CBCP: 7,088 cd	25° - Narrow Flood MPT3-(R/S)-RT/TW-25/700 2ft - 739 fc Ø1.0 ft 4ft - 185 fc Ø2.0 ft 6ft - 82 fc Ø3.0 ft 8ft - 46 fc Ø4.0 ft 10ft - 30 fc Ø5.0 ft CBCP: 2,959 cd	40° - Flood MPT3-(R/S)-RT/TW-40/700 2ft - 550 fc Ø1.3 ft 4ft - 137 fc Ø2.6 ft 6ft - 61 fc Ø3.9 ft 8ft - 34 fc Ø5.2 ft 10ft - 22 fc Ø6.5 ft CBCP: 2,204 cd

Performance shown for 3000K. Output varies by CCT.

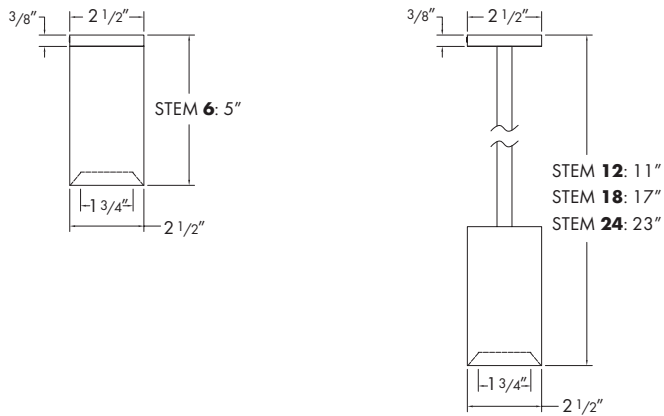
MPT3-R-SM-2R-RT - CEILING MOUNTED - POSITION 1 - STEM OPTIONS: 6, 12, 18, and 24



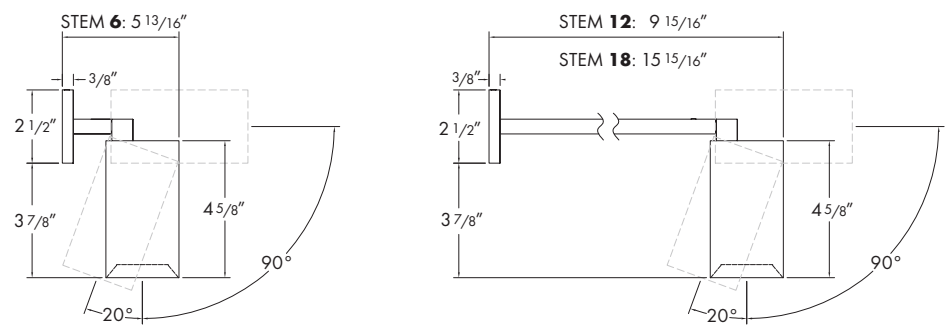
MPT3-R-SM-2R-RT - CEILING MOUNTED - POSITION 2 - STEM OPTIONS: 6, 12, 18, and 24



MPT3-R-SM-2R-RT - CEILING MOUNTED - POSITION 3 - STEM OPTIONS: 6, 12, 18, and 24



MPT3-R-SM-2R-RT - WALL MOUNTED - POSITION 1 - STEM OPTIONS: 6, 12, and 18



MPT3-R-SM-2R-RT - WALL MOUNTED - POSITION 2 - STEM OPTIONS: 6, 12, and 18

