

# MPT2-RT MONOPOINT LED - REMOTE DRIVER SURFACE MOUNT 2-1/2" or 4" CANOPY

Project Name	
Date	Type
Prepared By	
Comments	
Catalog # <b>MPT2-RT-</b> -   -   -   /   -   /   -	



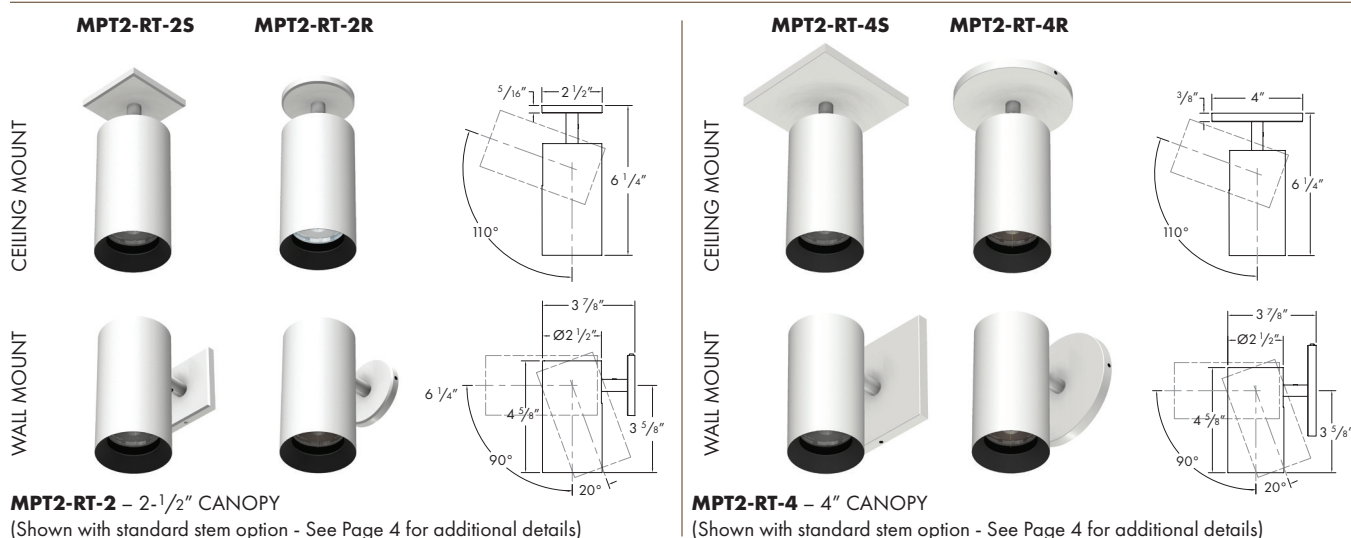
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Doc # 91202-13.4



## PRODUCT FEATURES



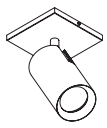

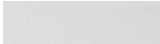
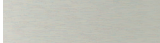




## MPT2 SERIES SPECIFICATION SUMMARY

	Static White Standard Output		Static White High Output	Warm Dimming		
LED Option	HI	HI-2	HI	WD	WD-2	WD-4
Delivered Lumens	1092	1115	1426	927	904	916
System Wattage	14	14.5	20	15	15	14.6
Efficacy	78	77	72	63	62	63
CRI	94	94	93	97	97	97
R9	59	63	58	81	78	76
CCT Options	2700K, 3000K			3000-1800K	2800-2200K	3000-2200K
Optic Options	15, 25, 40	10	15, 25, 40	15, 25, 40		
Color Consistency	2-Step			3-Step		
Optical Accessories	Hex Louver, 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), 1% EcoSystem (120 or 277v)					
Canopy Options	Round/Square: 2-1/2" or 4"					
Finish Options	White, Satin Aluminum, Oil-Rubbed Bronze, 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.  
See Performance Summaries for additional information.

# PRODUCT SPECIFIER/PRODUCT ORDER NUMBER

MPT2-RT-					
MONOPOINT SURFACE MOUNT	STEM OPTIONS*	FINISH	LED OPTIONS	OPTIC OPTIONS	OPTICAL ACCESSORIES (Optional)
<b>MPT2-RT-2S</b> 2-1/2" SQUARE Canopy for REMOTE driver  <b>MPT2-RT-2R</b> 2-1/2" ROUND Canopy for REMOTE driver  <b>MPT2-RT-4S</b> 4" SQUARE Canopy for REMOTE driver  <b>MPT2-RT-4R</b> 4" ROUND Canopy for REMOTE driver 	<b>6</b> (standard) <b>12</b> <b>18</b> <b>24†</b> *See page 4 for additional details. †Not for use in wall mount applications.	 <b>WH</b> WHITE  <b>SA</b> SATIN ALUMINUM  <b>OB</b> OIL-RUBBED BRONZE  <b>BK</b> BLACK	<b>HI-27</b> 2700K White LED <b>HI</b> 3000K White LED <b>HI-2-27*</b> 2700K White LED <b>HI-2*</b> 3000K White LED <b>WD†</b> 3000-1800K Warm Dim LED <b>WD-2†</b> 2800-2200K Warm Dim LED <b>WD-4†</b> 3000-2200K Warm Dim LED *For use with 10° optic only. Available in standard output only. †Available in standard output only.	<b>10*</b> 10° Very Narrow Spot <b>15</b> 15° Narrow Spot <b>25</b> 25° Narrow Flood <b>40</b> 40° Flood *For use with HI-2 LED only.	<b>HEX</b> Hex-Cell Louver <b>NSP</b> Narrow Softening Lens <b>NFL</b> Medium Softening Lens <b>FL</b> Wide Softening Lens <b>WFL</b> Extra Wide Softening Lens <b>LS</b> Linear Spread Softening Lens <b>CF24*</b> 2400K Color Filtering Lens <b>CF27*</b> 2700K Color Filtering Lens <b>CF35*</b> 3500K Color Filtering Lens *For use with HI and HI-2 3000K LED options only.

DRIVER OPTIONS		OUTPUT
<b>PR1-M-RT</b> REMOTE Forward or Reverse-Phase <1% Dimming <b>EL1-M-RT</b> REMOTE EldoLED 0-10v 1% Dimming <b>EL1-01-M-RT</b> REMOTE EldoLED 0-10v 0.1% Dimming <b>EL2-M-RT</b> REMOTE EldoLED DALI 1% Dimming <b>EL2-01-M-RT</b> REMOTE EldoLED DALI 0.1% Dimming <b>LU2-M-RT</b> REMOTE Lutron Hi-Lume LDE1 1% EcoSystem Dimming		<b>350</b> Standard output for WD, WD-2, or WD-4 LED Options <b>1000</b> Standard output for HI, HI-27, HI-2, or HI-2-27 LED Options <b>1400*</b> High output for HI or HI-27 LED Options *Not available w/ LU2-M dim- ming option.

Maximum REMOTE Driver-to-LED Light Engine Wire Length			
Driver Model			Wire Gauge
PR1/EL1/EL1-01/EL2/EL2-01-M	LU2-M	LU2-M	
RT-350/1000/1400	RT-350	RT-1000	
8 ft (2.5 m)		4 ft (1.2 m)	24 AWG (0.2 mm <sup>2</sup> )
13 ft (4 m)		6 ft (1.8 m)	22 AWG (0.34 mm <sup>2</sup> )
20 ft (6 m)		10 ft (3 m)	20 AWG (0.5 mm <sup>2</sup> )
30 ft (9 m)		15 ft (4.5 m)	18 AWG (.75 mm <sup>2</sup> )
35 ft (10.5 m)		25 ft (7.5 m)	16 AWG (1.5 mm <sup>2</sup> )
50 ft (15 m)		40 ft (12 m)	14 AWG (2.5 mm <sup>2</sup> )
100 ft (30 m)		60 ft (18 m)	12 AWG (4.0 mm <sup>2</sup> )
Wire Type: Stranded Class 2 wire (supplied by others)			

## MOUNTING NOTE:

Models with 2-1/2" Canopy install directly to mounting surface and do not install to a junction box or mud ring. Models with 4" Canopy can be installed directly to mounting surface or to a junction box with 3" mud-ring. For installation without a junction box (2-1/2" or 4" Canopy Models), provide suitable blocking to support the installation and allow sufficient space at behind canopy for low voltage connections. See Page 4 for additional details.

## Features

**MPT2-RT** Surface mount with 2-1/2" or 4" SQUARE or ROUND canopy for use with REMOTE mounted LED driver. Rotates 320° and tilts 110°. Use for adjustable accent, wall wash, and general lighting applications. Multiple lengths available - see Page 4 for additional details. Features integrated snoot with 1/2" beveled regress for glare control.

## 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 (covered ceiling/wall applications). Not for use in wet locations.

## 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 three additional optical accessories can be accommodated.

## 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.

## Driver and Output Option Notes

0-10v driver options are configured for linear control. DALI driver options are configured for logarithmic control. No.8 Lighting conducts extensive testing to establish compatibility with many dimmer types. For a complete list of compatible dimmers, see [8lighting.com/resources-downloads](http://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/mp2-series](http://8lighting.com/mp2-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](http://8lighting.com/resources-downloads).

JA8-2025 CA Title 24 Compliant.

## MPT2-RT SERIES - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
<b>HI-27</b>	1000	2700K	94	59	885-1016	14	63-73
<b>HI</b>	1000	3000K	94	59	952-1092	14	68-78
<b>HI-27</b>	1400	2700K	93	58	1180-1326	20	60-67
<b>HI</b>	1400	3000K	93	58	1269-1426	20	64-72
<b>HI-2-27</b>	1000	2700K	94	63	1037	14.5	72
<b>HI-2</b>	1000	3000K	94	63	1115	14.5	77
<b>WD</b>	350	3000-1800K	97	81	817-927	15	56-63
<b>WD-2</b>	350	2800-2200K	97	78	799-904	15	55-62
<b>WD-4</b>	350	3000-2200K	97	76	820-916	14.6	56-53

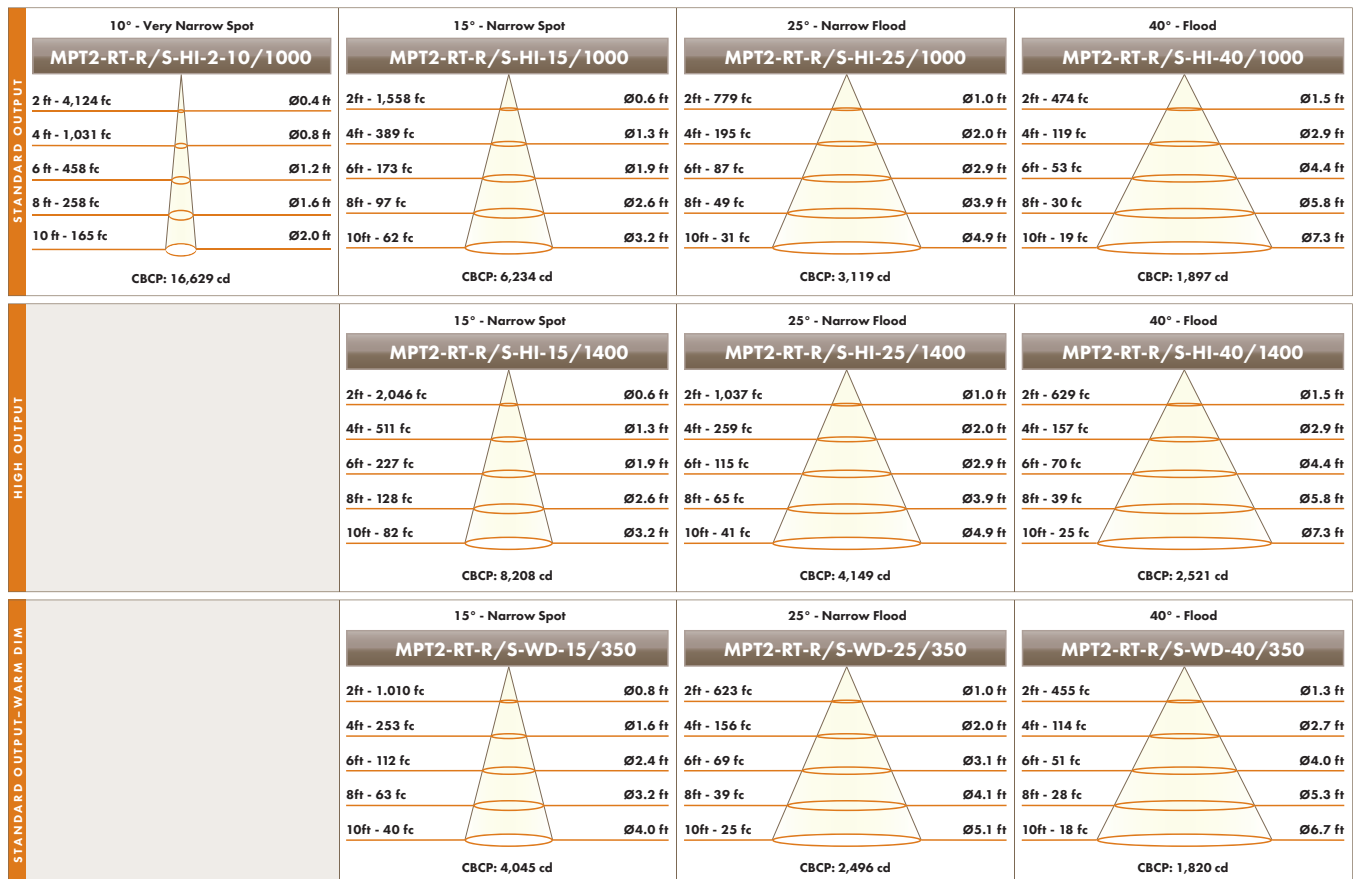
Performance summary for **HI** LED with 15°, 25°, and 40° optic options and **HI-2** LED with 10° optic option.  
Performance summary for **WD** and **WD-4** LED at 3000K and **WD-2** LED at 2800K with 15°, 25°, and 40° optic options.

## MPT2-RT SERIES - OPTICAL OPTIONS AND ACCESSORY PERFORMANCE SUMMARY

OPTIC OPTIONS	LED OPTION	BEAM ENHANCING LENS (OPTIONAL)*					
		+ HEX	+ NSP	+ NFL	+ FL	+ WFL	+ LS
<b>10° Very Narrow Spot</b>	HI-2	10°	14°	24°	43°	47°	13° x 29°
<b>15° Narrow Spot</b>	HI	16°	21°	31°	51°	63°	23° x 34°
<b>15° Narrow Spot</b>	WD/WD-2/WD-4	20°	24°	54°	54°	70°	26° x 37°
<b>25° Narrow Flood</b>	HI	22°	29°	36°	55°	70°	30° x 45°
<b>25° Narrow Flood</b>	WD/WD-2/WD-4	23°	30°	37°	58°	74°	31° x 48°
<b>40° Flood</b>	HI	30°	40°	45°	64°	83°	41° x 58°
<b>40° Flood</b>	WD/WD-2/WD-4	28°	38°	42°	64°	82°	39° x 54°

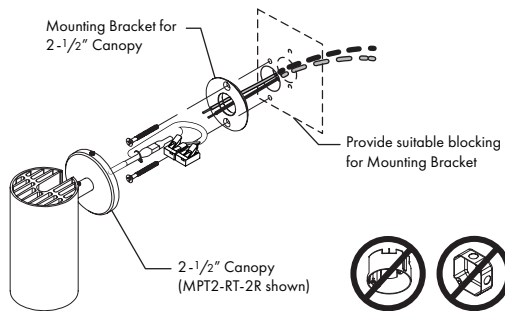
\*Beam enhancing lens used in combination with 10°, 15°, 25°, or 40° optic to achieve desired beam spread.

## MPT2-RT SERIES - CONE OF LIGHT DIAGRAMS

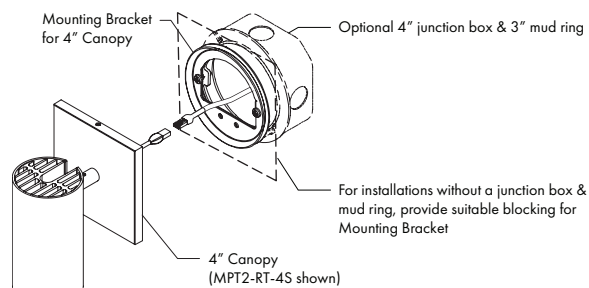


Performance shown for 3000K. Output varies by CCT.

**MPT2-RT SERIES 2-1/2" and 4" CANOPY - MOUNTING DETAILS**

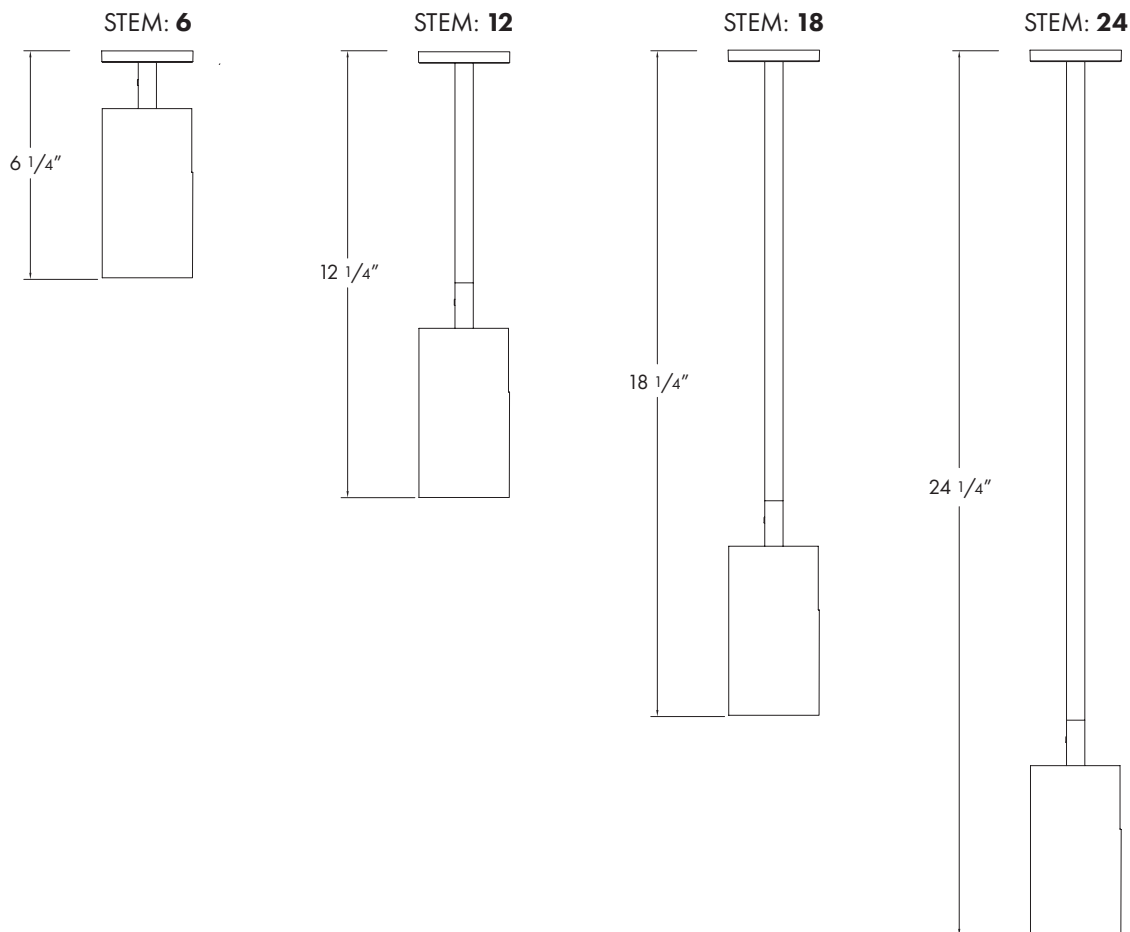


**MPT2-RT-2 – 2-1/2" CANOPY**



**MPT2-RT-4 – 4" CANOPY**

**MPT2-RT SERIES CEILING MOUNTED - 6, 12, 18, and 24 STEM OPTIONS**



**MPT2-RT SERIES WALL MOUNTED - 6, 12, and 18 STEM OPTIONS**

