MPT2 MONOPOINT LED SURFACE MOUNT 4" CANOPY

Project Name	
Date	Type
Prepared By	
Comments	
Catalog # **MPT2**- – – – / – / – – /	

526 Portal Street
Cotati, CA 94931
USA
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All No. 8 Lighting fixtures and components are UL/CSA listed. No. 8 Lighting trims and lamp modules are protected by one or more U.S. Patents. No. 8 Lighting reserves the right to change details of design, materials, and finish.

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Doc # 91201-13.1

PRODUCT FEATURES

MPT2-S

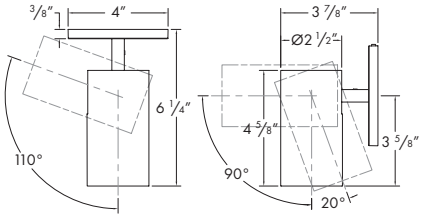
CEILING MOUNT

WALL MOUNT

MPT2-R

CEILING MOUNT

WALL MOUNT



CEILING MOUNT WALL MOUNT

(Shown with standard stem option - See Page 4 for additional details.)

MPT2 SERIES SPECIFICATION SUMMARY

	Static White Standard Output				**Static White High Output**		**Warm Dimming**	
LED Option	**HI-2-27**	**HI-2**	**HI-27**	**HI**	**HI-27**	**HI**	**WD**	**WD-2**
Delivered Lumens	1037	1115	1016	1092	1326	1426	927	904
System Wattage	14.5	14.5	14	14	20	20	15	15
Efficacy	72	77	73	78	67	72	63	62
CRI	94	94	94	94	93	93	97	97
R9	63	63	59	59	58	58	81	78
CCT	2700K	3000K	2700K	3000K	2700K	3000K	3000-1800K	2800-2200K
Optic Options	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							
Dimming Options	INTEGRAL: 0.1/1% Forward/Reverse Phase (120v), 5% 0-10v (120-277v) REMOTE: 0.1/1% Forward/Reverse Phase (120v), 0.1/1/5% 0-10v (120-277v), 0.1/1% DALI (120-277v), 1% EcoSystem (120 or 277v)							
Backplate Options	Round/Square							
Finish Options	White, Satin Aluminum, Oil-Rubbed Bronze, Black							
Mounting Options	Ceiling/Wall Mount: 6, 12, 18, 24 Stem Options							
Junction Box	Integral Drivers: 4" x 3-1/2" Deep (min.) Remote Drivers: Direct to Mounting Surface (no Junction Box required)							

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

illuminations
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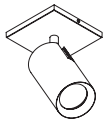
404.876.1064 sales@illumco.com

PRODUCT SPECIFIER/PRODUCT ORDER NUMBER

MPT2- ___ – ___ – ___ – ___ / ___ – ___ /

MONOPOINT SURFACE MOUNT	–	LED OPTIONS	–	STEM OPTIONS*	–	FINISH	/	OPTIC OPTIONS	–	OPTICAL ACCESSORIES (Optional)	/

MPT2-S
4" Square Canopy



MPT2-R
4" Round Canopy

HI-27
2700K White LED

HI
3000K White LED

HI-2-27*
2700K White LED

HI-2*
3000K White LED

WD†
3000-1800K Warm Dim LED

WD-2†
2800-2200K Warm Dim LED

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

†Available in standard output only.

6
(standard)

12

18

24†

*See page 4 for additional details.

†Not for use in wall mount applications.

WH
WHITE

SA
SATIN ALUMINUM*

OB
OIL-RUBBED BRONZE*

BK
BLACK*

*Specialty finish.

10*
10°
Very Narrow Spot

15
15°
Narrow Spot

25
25°
Narrow Flood

40
40°
Flood

*For use with HI-2 LED only.

HEX
Hex-Cell Louver

NSP
Narrow Softening Lens

NFL
Medium Softening Lens

FL
Wide Softening Lens

WFL
Extra Wide Softening Lens

LS
Linear Spread Lens

CF24*
2400K Color Filtering Lens

CF27*
2700K Color Filtering Lens

CF35*
3500K Color Filtering Lens

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

___ – ___ – ___ / ___

DIMMING OPTIONS	–	REMOTE OPTION*	–	OUTPUT	/	MOUNTING ACCESSORIES (Optional)

DIM1-M4
Forward or Reverse-Phase 1% Dimming

DIM2-M4
0-10v 5% Linear Dimming

PR1-M4*
Forward or Reverse-Phase 0.1% Dimming

EL1-M4**
EldoLED 0-10v 1% Linear Dimming

EL1-01-M4**
EldoLED 0-10v 0.1% Linear Dimming

EL2-M4**
EldoLED DALI 1% Linear Dimming

EL2-01-M4**
EldoLED DALI 0.1% Linear Dimming

LU1-M4**
Lutron Hi-Lume LTEA2W Forward-Phase 1% Dimming

LU2-M4**
Lutron Hi-Lume LDE1 EcoSystem 1% Dimming

*Not available with WD or WD-2 LED options.

**Available with RT remote option only.

RT
REMOTE Mounted Power Supply

*Leave blank for integral dimming options.

1000
Standard output

1000-WD
Standard output – Warm Dimming

1400*
High output

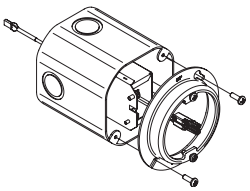
*Not available w/ LU2-M4 dimming option.

JB-5/8
3-1/2" deep junction box with 5/8" deep mud ring

JB-3/4
3-1/2" deep junction box with 3/4" deep mud ring

JB-1
3-1/2" deep junction box with 1" deep mud ring

Maximum REMOTE Driver-to-LED Light Engine Wire Length				
Driver Model				Wire Gauge
DIM1/DIM2/EL1/EL1-01/ EL2/EL2-01-M4	PR1-M4	LU1/LU2-M4	LU1/LU2-M4	
RT-1000/1000-WD/1400	RT-1000/1400	RT-1000-WD	RT-1000/1400	
8 ft (2.5 m)			4 ft (1.2 m)	24 AWG (0.2 mm²)
13 ft (4 m)			6 ft (1.8 m)	22 AWG (0.34 mm²)
20 ft (6 m)			10 ft (3 m)	20 AWG (0.5 mm²)
30 ft (9 m)			15 ft (4.5 m)	18 AWG (.75 mm²)
35 ft (10.5 m)			25 ft (7.5 m)	16 AWG (1.5 mm²)
50 ft (15 m)			40 ft (12 m)	14 AWG (2.5 mm²)
100 ft (30 m)			60 ft (18 m)	12 AWG (4.0 mm²)
Wire Type: Stranded Class 2 wire (supplied by others)				



MOUNTING NOTE: 4" x 3-1/2" deep (min) junction box with 3" x 1/2" deep (min) mud-ring required for INTEGRAL drivers. 4" x 1-1/2" deep junction box with 3" mud-ring optional for REMOTE drivers.

Features
MPT2 Surface mount with 4" SQUARE or ROUND canopy for use with INTEGRAL or 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, junction box may be installed in direct contact with standard or spray-foam thermal insulation with a max combined R-Value of R42. For high output options, junction box may be installed in direct contact with standard or spray-foam thermal insulation with a max combined R-Value of R30. 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 wet locations.

Finish Notes
White finish is field paintable. Lot variation may occur with speciality 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 three additional optical accessories can be accommodated.

Dimming and Output Option Notes
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. Outputs vary depending on LED type, trim type, and optical accessories used. For photometric files in PDF and IES formats, see 8lighting.com/mpt2-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.

JA8-2022 CA Title 24 Compliant.

illuminations
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MPT2-RT MONOPOINT LED SURFACE MOUNT 2-1/2" CANOPY

Project Name	
Date	Type
Prepared By	
Comments	
Catalog # **MPT2-RT-** – – – / – / – **RT** –	

526 Portal Street
Cotati, CA 94931
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Doc # 91202-13.1

PRODUCT FEATURES

MPT2-RT-S

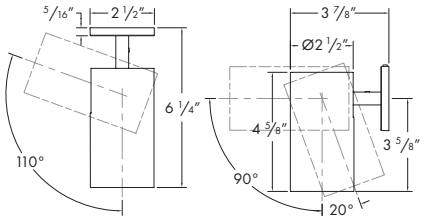
CEILING MOUNT

WALL MOUNT

MPT2-RT-R

CEILING MOUNT

WALL MOUNT



CEILING MOUNT WALL MOUNT

(Shown with standard stem option - See Page 4 for additional details)

MPT2-RT SERIES SPECIFICATION SUMMARY

	Static White Standard Output				**Static White High Output**		**Warm Dimming**	
LED Option	**HI-2-27**	**HI-2**	**HI-27**	**HI**	**HI-27**	**HI**	**WD**	**WD-2**
Delivered Lumens	1037	1115	1016	1092	1326	1426	927	904
System Wattage	14.5	14.5	14	14	20	20	15	15
Efficacy	72	77	73	78	67	72	63	62
CRI	94	94	94	94	93	93	97	97
R9	63	63	59	59	58	58	81	78
CCT	2700K	3000K	2700K	3000K	2700K	3000K	3000-1800K	2800-2200K
Optic Options	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							
Dimming Options	REMOTE: 0.1/1% Forward/Reverse Phase (120v), 0.1/1/5% 0-10v (120-277v), 0.1/1% DALI (120-277v), 1% EcoSystem (120 or 277v)							
Backplate Options	Round/Square							
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)							

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

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PRODUCT SPECIFIER/PRODUCT ORDER NUMBER

MPT2-RT- ___ – ___ – ___ – ___ / ___ – ___ /

MONOPOINT SURFACE MOUNT – LED OPTIONS – STEM OPTIONS* – FINISH / OPTIC OPTIONS – OPTICAL ACCESSORIES (Optional) /

MPT2-RT-S
2-1/2" Square Canopy

MPT2-RT-R
2-1/2" Round Canopy

HI-27
2700K White LED

HI
3000K White LED

HI-2-27*
2700K White LED

HI-2*
3000K White LED

WD†
3000-1800K Warm Dim LED

WD-2†
2800-2200K Warm Dim LED

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

†Available in standard output only.

6
(standard)

12

18

24†

*See page 4 for additional details.
†Not for use in wall mount applications.

WH
WHITE

SA
SATIN ALUMINUM

OB
OIL-RUBBED BRONZE

BK
BLACK

10*
10°
Very Narrow Spot

15
15°
Narrow Spot

25
25°
Narrow Flood

40
40°
Flood

*For use with HI-2 LED only.

HEX
Hex-Cell Louver

NSP
Narrow Softening Lens

NFL
Medium Softening Lens

FL
Wide Softening Lens

WFL
Extra Wide Softening Lens

LS
Linear Spread Lens

CF24*
2400K Color Filtering Lens

CF27*
2700K Color Filtering Lens

CF35*
3500K Color Filtering Lens

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

___ – **RT** – ___

DIMMING OPTIONS – REMOTE – OUTPUT

DIM1-M2
Forward or Reverse-Phase 1% Dimming

DIM2-M2
0-10v 1% Linear Dimming

PR1-M2*
Forward or Reverse-Phase 0.1% Dimming

EL1-M2
EldoLED 0-10v 1% Linear Dimming

EL1-01-M2
EldoLED 0-10v 0.1% Linear Dimming

EL2-M2
EldoLED DALI 1% Linear Dimming

EL2-01-M2
EldoLED DALI 0.1% Linear Dimming

LU1-M2
Lutron Hi-Lume LTEA2W Forward-Phase 1% Dimming

LU2-M2
Lutron Hi-Lume LDE1 1% EcoSystem Dimming

*Not available with WD or WD-2 LED options.

RT
REMOTE Mounted Power Supply

1000
Standard output

1000-WD
Standard output – Warm Dimming

1400*
High output

*Not available w/ LU2-M2 dimming option.

Maximum REMOTE Driver-to-LED Light Engine Wire Length				
Driver Model				Wire Gauge
DIM1/DIM2/EL1/EL1-01/EL2/EL2-01-M2	PR1-M2	LU1/LU2-M2	LU1/LU2-M2	
RT-1000/1000-WD/1400	RT-1000/1400	RT-1000-WD	RT-1000/1400	
8 ft (2.5 m)			4 ft (1.2 m)	24 AWG (0.2 mm²)
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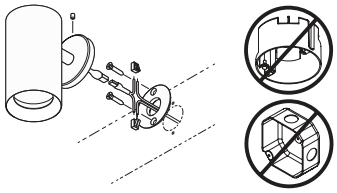
50 ft (15 m)			40 ft (12 m)	14 AWG (2.5 mm²)
100 ft (30 m)			60 ft (18 m)	12 AWG (4.0 mm²)
Wire Type: Stranded Class 2 wire (supplied by others)				



MOUNTING NOTE:
Must attach to suitable blocking to support the installation. Allow sufficient space for low voltage connections at back of fixture canopy. Fixture does not install to a junction box or standard mud ring.

Features
MPT2-RT Surface mount with 2.5" 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 wet locations.

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

Dimming and Output Option Notes
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