OptiMount (OMT) Stanchion Solution with Junction Box

Pre-assembled complete stanchion lighting solution.

No ladders. No tie-offs. No pinch points. No field fabrication. One simple, safe protocol.

KEY FEATURES

• Complete assembly, cost-effective installation

• Engineered for handrail/stanchion mounting

• Marine-grade aluminum housing

• Remote driver in junction box

• Optimized fixture spacing

TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS

HOUSING	**Luminaire**: Copper free aluminum housing, polycarbonate or glass window options depend on model selected, stainless steel fasteners. **Support**: Stainless steel
MOUNTING	See pages 2-3 for MOUNTING OPTIONS
INPUT VOLTAGE	**AC**: 120-277VAC (50/60 Hz)
POWER (TYP)	**JR2**: AC - 18W **JR4**: AC - 37W **MR3**: AC - 30W **MR6**: AC - 60W
CURRENT (TYP)	**JR2**: AC - 0.15A@120 VAC **JR4**: AC - 0.32A@120 VAC **MR3**: AC - 0.25A@120 VAC **MR6**: AC - 0.50A@120 VAC
CONNECTIONS	2 x 3/4" NPT
TEMPERATURE RANGE	-40°C to +55°C
CERTIFICATIONS	Class I, Division 2, Groups ABCD, T3;
INGRESS PROTECTION	Suitable for Wet Locations when installed 1.4m above grade
COLOUR TEMP RANGE	3,000K, 4,000K, 5,000K
CRI VALUE (MIN)	70
TOTAL LUMENS	See CHART on page 2
LUMEN MAINTENANCE	**JR:** LM-80 > 100,000 hrs | **MR:** LM-80 > 60,000 hrs
WEIGHT	See CHART on page 2

COMPLETE ASSEMBLY WEIGHT

Weight (JR Series)	
OMT-JR	9.962 kg

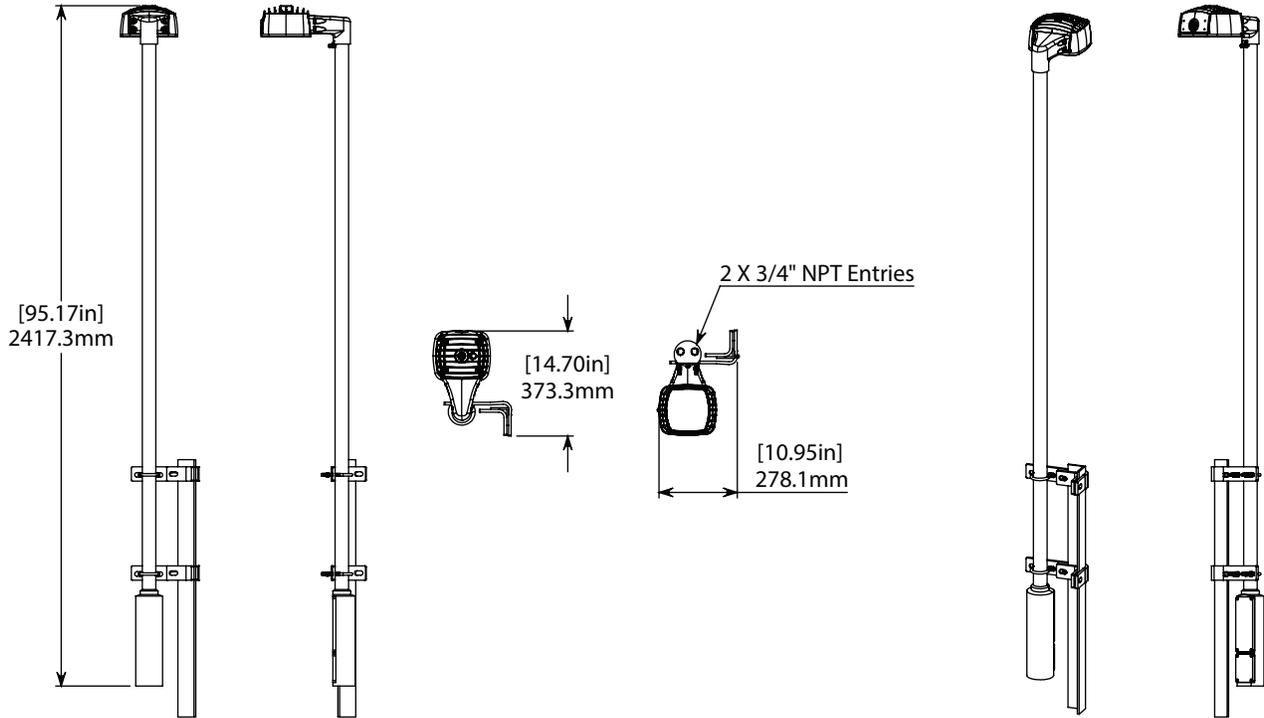| Weight (MR Series)	
OMT-MR	12.547 kg

WARRANTY

Five (5) year limited warranty to the original purchaser. The warranty covers defects in materials and workmanship under normal use and service.
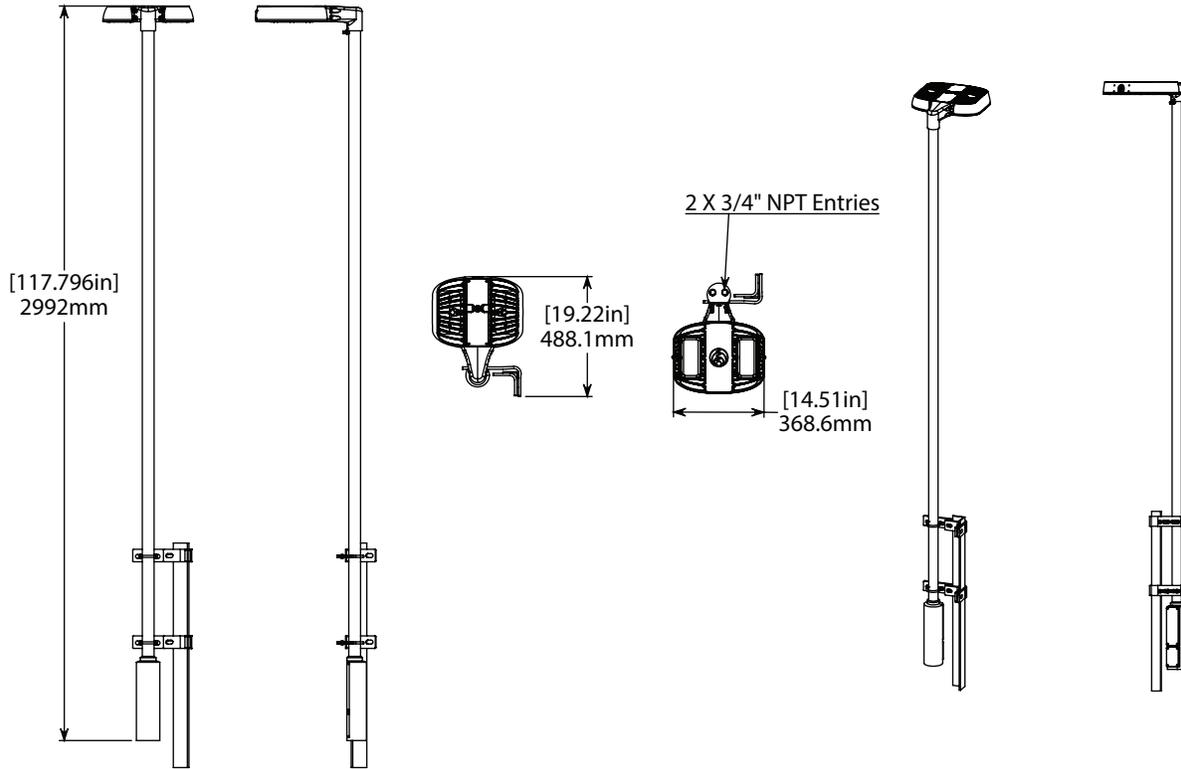
For additional information see: https://nemalux.com/legal

OPTIMOUNT - 8FT - JR SERIES with POLE MOUNT

OMT-JR

[95.17in]
2417.3mm

2 X 3/4" NPT Entries

[14.70in]
373.3mm

[10.95in]
278.1mm

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OPTIMOUNT - 10FT - MR SERIES with POLE MOUNT

OMT-MR

[117.796in]
2992mm

2 X 3/4" NPT Entries

[19.22in]
488.1mm

[14.51in]
368.6mm

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ORDERING INFORMATION

PROJECT NAME		TYPE	
PROJECT LOCATION			
COMMENT		DATE	
PREPARED BY			

OMT-JR MODEL SELECTOR
Sample Number: OMT-JR4-50-WF-GY-GN-AC

PREFIX	FIXTURE TYPE	CCT	OPTICS	FINISH	LOCATION	VOLTAGE
OMT -	-	-	-	GY -	-	AC
OMT	JR2 JR4	**30** – 3,000K, 70 CRI **40** – 4,000K, 70 CRI **50** – 5,000K, 70 CRI Custom CCT options are available. Please contact for details.[1]	**GWC** – Wide Beam with Clear Glass Lens Special Order: **GT1** – Type 1 Beam Profile with Clear Glass Lens **GT2** – Type 2 Beam Profile with Clear Glass Lens **GT3** – Type 3 Beam Profile with Clear Glass Lens **GT4** – Type 4 Beam Profile with Clear Glass Lens[1] **WC** – Wide Beam with Clear Polycarbonate Lens[1] **T1** – Type 1 Beam Profile with Clear Polycarbonate Lens[1] **T2** – Type 2 Beam Profile with Clear Polycarbonate Lens[1] **T3** – Type 3 Beam Profile with Clear Polycarbonate Lens[1] **T4** – Type 4 Beam Profile with Clear Polycarbonate Lens[1] Custom optic options are available. Please contact for details.[1]	**GY** - Grey	**GN** – General Location **HZ** – Hazardous Location	**AC** – 120–277VAC

OMT-MR MODEL SELECTOR
Sample Number: OMT-MR6-50-WF-GY-GN-AC

PREFIX	FIXTURE TYPE	CCT	OPTICS	FINISH	LOCATION	VOLTAGE
OMT -	-	-	-	GY -	-	AC
OMT	MR3 MR6	**30** – 3,000K, 70 CRI **40** – 4,000K, 70 CRI **50** – 5,000K, 70 CRI Custom CCT options are available. Please contact for details.[1]	**WF** – Wide Beam (No optics) Special Order: **T1F** – IESNA Type 1 [1] **T2F** – IESNA Type 2 [1] **T3F** – IESNA Type 3 [1] **T4F** – IESNA Type 4 [1] **T5F** – IESNA Type 5 [1] **SF** – Spot 18° [1] Custom optic options are available. Please contact for details.[1]	**GY** - Grey	**GN** – General Location **HZ** – Hazardous Location	**AC** – 120–277VAC

NOTES:
For OMT Models specify following options when ordering.

Handrail Bracket Type   *2.5" Angle iron default, other sizes available contact us.*

Fixture Type with Pole Height   *JR Series (JR2 | JR4)*   *with 8ft pole height*
                                       MR Series (MR3 | MR6)   *with 10ft pole height*

1. Minimum order quantities, additional costs and lead times may apply.

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