

MEISSA STREET LIGHTING FIXTURE



General Application Areas



City Lighting



Sea Ports and Parking lot



Parks

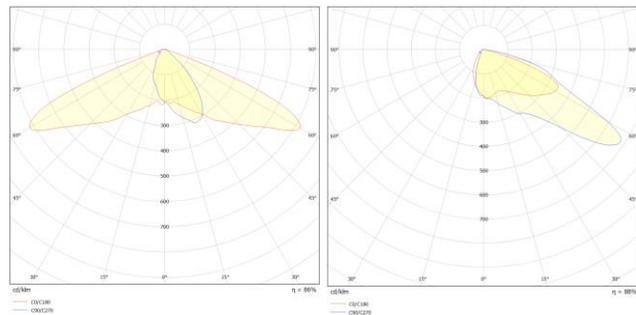
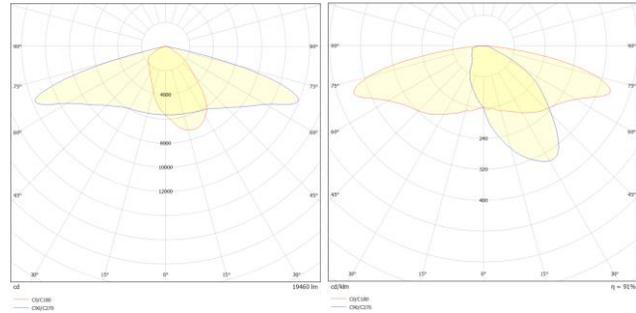


Environment and Safety Lighting

General Information

Lighting systems equipped with LED light sources used for lighting roads and streets are called "Road & Street Luminaires" or "LED Street Lighting Luminaires". Road & Street lighting fixtures can be used in city lighting, intercity roads, environmental and security lighting, ports and open parking lots. Since LED Street lighting fixtures are used in outdoor conditions, they must have a minimum protection class of IP66. Street lighting must comply with the international EN-60598-2-3 standard and this compliance must be certified. Asymmetric lens options with different light distribution for different road types and classes (M2...M5).

Optical Beam Angles



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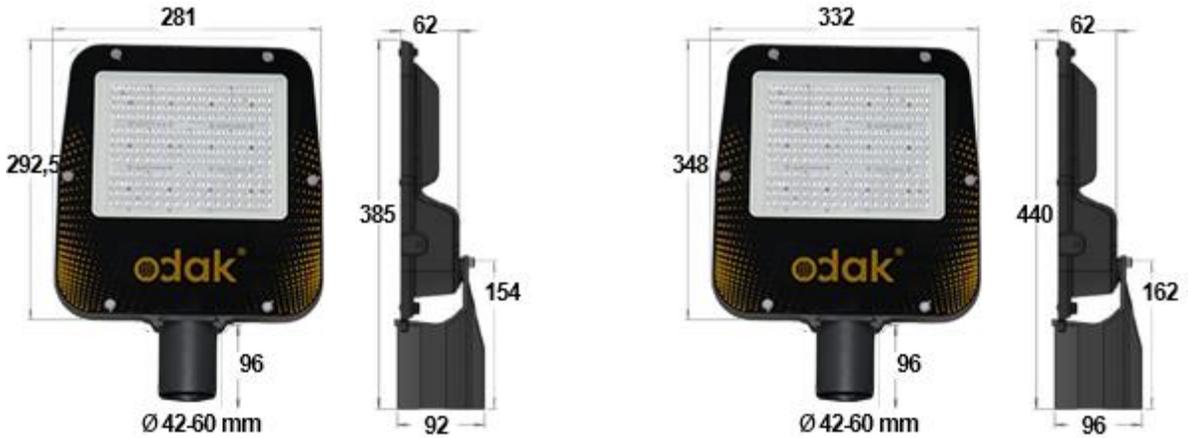
Technical Specifications

| | |
|---------------------|---|
| Body | :Aluminum Injection |
| IP Protection Class | :IP 66 |
| Luminous Flux | :7920 lm |
| Light Source | :LED |
| Test Standards | :TS EN 60598-1, TS EN 60598-2-3, TS EN 62031,TS IEC TR 62471,TS EN 60529, TS EN 62262,TS EN 62722-2-1 |

Optical and Electrical Properties

| | | | |
|---------------------------|---------------|-----------------------|--------------------------------|
| Power | 60W | Light Angle | Asymmetric |
| CE Marking | Yes | Power Factor | >0,9 |
| Optic | PMMA / PC | Max Voltage Withstand | 1kV - 4kV (10kV Optional) |
| Effectiveness Factor | 126 ∞138 lm/W | CCT | 2200K/3000K/4000K/5000 K/6500K |
| Input Voltage | 50/60 HZ | CRI | >70 |
| Total Harmonic Distortion | <%20 | Operating Temperature | -25°C / +55°C |
| Dimensions | 281*385*92 mm | LED Lifetime | 60.000 Hours |

Technical Drawing (Side View) and Connection Diagram



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Product Variations

| Product Code | Power | Input Voltage | Effectiveness Factor | Luminous Flux | CCT | Light Angle | Dimensions | Weight |
|--------------------------|-------|----------------------|----------------------|---------------|-------|-------------|---------------|--------|
| MSA-020DM-ASY12-740-9005 | 20 W | 220-240 VAC 50~60 HZ | 144 | 2880 lm | 4000K | Asymetric | 281*385*92 mm | 3,0 kg |
| MSA-030DM-ASY12-740-9005 | 30 W | 220-240 VAC 50~60 HZ | 132 | 3960 lm | 4000K | Asymetric | 281*385*92 mm | 3,0 kg |
| MSA-032DM-ASY12-740-9005 | 32 W | 220-240 VAC 50~60 HZ | 132 | 4272 lm | 4000K | Asymetric | 281*385*92 mm | 3,0 kg |
| MSA-040DM-ASY12-740-9005 | 40 W | 220-240 VAC 50~60 HZ | 132 | 5280 lm | 4000K | Asymetric | 281*385*92 mm | 3,0 kg |
| MSA-041DM-ASY12-740-9005 | 41 W | 220-240 VAC 50~60 HZ | 131 | 5541 lm | 4000K | Asymetric | 281*385*92 mm | 3,0 kg |
| MSA-050DM-ASY12-740-9005 | 50 W | 220-240 VAC 50~60 HZ | 132 | 6600 lm | 4000K | Asymetric | 281*385*92 mm | 3,0 kg |
| MSA-051DM-ASY12-740-9005 | 51 W | 220-240 VAC 50~60 HZ | 131 | 6669 lm | 4000K | Asymetric | 281*385*92 mm | 3,0 kg |
| MSA-060DM-ASY12-740-9005 | 60 W | 220-240 VAC 50~60 HZ | 132 | 7920 lm | 4000K | Asymetric | 281*385*92 mm | 3,0 kg |
| MSA-070DM-ASY12-740-9005 | 70 W | 220-240 VAC 50~60 HZ | 128 | 9025 lm | 4000K | Asymetric | 281*385*92 mm | 3,0 kg |
| MSA-080DM-ASY12-740-9005 | 80 W | 220-240 VAC 50~60 HZ | 132 | 10560 lm | 4000K | Asymetric | 281*385*92 mm | 3,0 kg |
| MSA-091DM-ASY12-740-9005 | 91 W | 220-240 VAC 50~60 HZ | 138 | 12661 lm | 4000K | Asymetric | 332*440*96 mm | 4,6 kg |
| MSA-100DM-ASY12-740-9005 | 100 W | 220-240 VAC 50~60 HZ | 132 | 13200 lm | 4000K | Asymetric | 332*440*96 mm | 4,6 kg |
| MSA-102DM-ASY12-740-9005 | 102 W | 220-240 VAC 50~60 HZ | 135 | 13895 lm | 4000K | Asymetric | 332*440*96 mm | 4,6 kg |
| MSA-113DM-ASY12-740-9005 | 113 W | 220-240 VAC 50~60 HZ | 134 | 15152 lm | 4000K | Asymetric | 332*440*96 mm | 4,6 kg |
| MSA-120DM-ASY12-740-9005 | 120 W | 220-240 VAC 50~60 HZ | 132 | 15840 lm | 4000K | Asymetric | 332*440*96 mm | 4,6 kg |
| MSA-122DM-ASY12-740-9005 | 122 W | 220-240 VAC 50~60 HZ | 131 | 16041 lm | 4000K | Asymetric | 332*440*96 mm | 4,6 kg |
| MSA-132DM-ASY12-740-9005 | 132 W | 220-240 VAC 50~60 HZ | 129 | 17138 lm | 4000K | Asymetric | 332*440*96 mm | 4,6 kg |
| MSA-139DM-ASY12-740-9005 | 139 W | 220-240 VAC 50~60 HZ | 128 | 17861 lm | 4000K | Asymetric | 332*440*96 mm | 4,6 kg |
| MSA-150DM-ASY12-740-9005 | 150 W | 220-240 VAC 50~60 HZ | 132 | 19800 lm | 4000K | Asymetric | 332*440*96 mm | 4,6 kg |
| MSA-152DM-ASY12-740-9005 | 152 W | 220-240 VAC 50~60 HZ | 126 | 19342 lm | 4000K | Asymetric | 332*440*96 mm | 4,6 kg |