



**DUMBBELL MXL-6000** is a robust LED lighting unit designed for reliable performance in harsh environmental and climatic conditions. All components use corrosion-, wear- and impact-resistant materials for a long service life.

Its flexible mounting system supports secure indoor and outdoor installation on walls, ceilings, towers, poles and hard-to-reach locations.

High optical performance delivers the required illumination, while electronic protection supports system safety against voltage surges. The mechanical design withstands impact and demanding operating conditions.

Galvanised metal parts and corrosion- and wear-resistant coatings on fasteners help preserve structural integrity and surface protection over long-term use.



Powered by Nichia LEDs



**AC-DIRECT**  
ALTERNATING CURRENT DIRECT DRIVER

IP68

NICHIA  
LED

10°-90°  
120°

AC  
⚡

LONG  
LIFE

DIMMABLE

IK  
09T



CE



ALU.

cos φ 0.98  
100% PF

CRI  
80+

RoHS

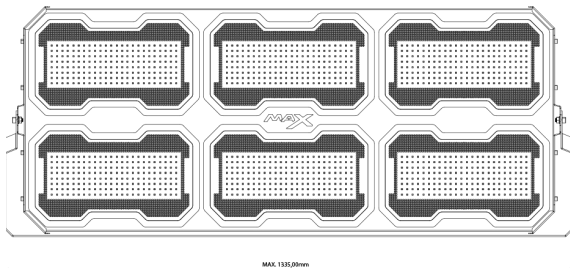
Energy  
Saver

no  
IR

no  
UV

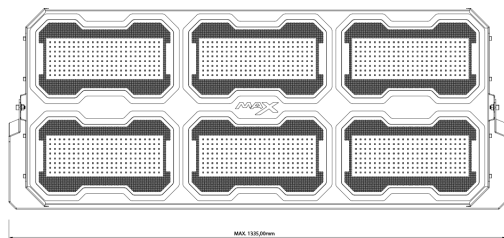
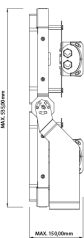


## General Information



| Model / variant        | MXL-6000-1500A                      | MXL-6000-1500AL | MXL-6000-1500D | MXL-6000-1500DL |
|------------------------|-------------------------------------|-----------------|----------------|-----------------|
| Product number         | 27M001481                           | 27M001482       | 27M001483      | 27M001484       |
| Product type           | LED floodlight                      |                 |                |                 |
| Dimensions - H × W × L | 535 × 150 × 1335 mm                 |                 |                |                 |
| Housing / material     | Aluminium (AL6063) / Galvanised     |                 |                |                 |
| Weight                 | 45.00 kg                            | 45.00 kg        | 50.00 kg       | 50.00 kg        |
| Colour / RAL           | Matt black / 9005 • Matt red / 3020 |                 |                |                 |
| Minimum order          | 1 unit                              |                 |                |                 |

## Technical Specifications



|                              |                                                |         |      |         |
|------------------------------|------------------------------------------------|---------|------|---------|
| Power (@ 240 VAC)            | 1500 W (±5%)                                   |         |      |         |
| Input voltage                | 240 VAC                                        |         |      |         |
| Luminous flux                | 225,000 lm                                     |         |      |         |
| Luminous efficacy            | 150 lm/W                                       |         |      |         |
| Beam angle                   | 120°                                           | 10°-90° | 120° | 10°-90° |
| Colour temperature           | 2000 ~ 6500 K                                  |         |      |         |
| Colour rendering index (CRI) | >80                                            |         |      |         |
| Power factor (cos φ)         | 0.98                                           |         |      |         |
| IP rating                    | IP68                                           |         |      |         |
| Operating temperature        | -35 °C ~ +65 °C                                |         |      |         |
| Product lifetime             | 25 Years                                       |         |      |         |
| Warranty                     | 5 Years                                        |         |      |         |
| LED type / quantity          | Nichia SMD 3030 / 1152 pcs                     |         |      |         |
| Power supply system          | AC Direct™ (A / AL) • External driver (D / DL) |         |      |         |
| Power supply brand           | MAX                                            | MAX     | OEM  | OEM     |
| Electrical junction box      | Hensel DK0100G                                 |         |      |         |
| Connection cable             | 3 × 0.75 mm² × 400 mm H05RN-F                  |         |      |         |
| Compliance / standard        | CE, RoHS, TS EN 60598-2-5                      |         |      |         |
| Management systems           | ISO 9001 / ISO 14001 / ISO 45001               |         |      |         |

Installation, commissioning, maintenance and dismantling require qualified personnel and compliance with applicable electrical and workplace safety rules. The MAX Lighting brand and product patent/design rights belong to STAR ENDÜSTRİ A.Ş. Made in Türkiye with 100% Turkish capital.