Technical Specifications

DUMBBELL MXLL-2000Y-800

DUMBBELL MXLL-2000Y 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.

5 Years WARRANTY Parts & Labour

Powered by Nichia LEDs

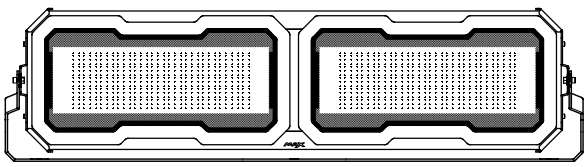
NICHIA Made in Japan

AC-DIRECT® ALTERNATING CURRENT DIRECT DRIVER

IP68 · NICHIA LED · 10°-90° 120° · AC · LONG LIFE · DIMMABLE · IK09 T · CE

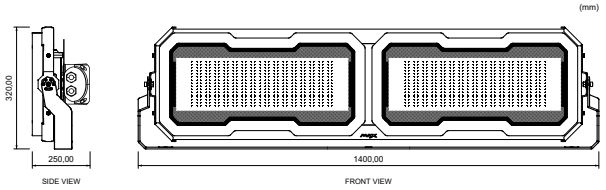
ALU. · cos φ 0.98 HIGH PF · CRI 80+ · RoHS · Energy Saver · no IR · no UV · 5 Years WARRANTY Parts & Labour

General Information



Model / Variant	MXLL-2000Y-800A	MXLL-2000Y-800AL	MXLL-2000Y-800D	MXLL-2000Y-800DL
Product number	27M001946	27M001947	27M001948	27M001949
Product type	LED floodlight			
Dimensions - H × W × L	320 × 250 × 1400 mm			
Housing / material	Aluminium (AL6063) / Galvanised			
Weight	30.00 kg	30.00 kg	32.50 kg	32.50 kg
Colour / RAL	Matt black / 9005 • Matt red / 3020			
Minimum order	1 unit			

Technical Specifications



Power (@ 240 VAC)	800 W (±5%)			
Input voltage	240 VAC			
Luminous flux	120,000 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 / 1024 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.