



STAR MINI-100 is an LED street luminaire developed for reliable performance in harsh environmental and climatic conditions. Its aluminium housing and durable components support a long service life.

The pole-mounting design supports secure installation on mounting points with a diameter of 40-60 mm.

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.

Powered by Nichia LEDs



AC-DIRECT
ALTERNATING CURRENT DIRECT DRIVER



IP66

NICHIA
LED

10°-90°
120°

AC
⚡

LONG
LIFE

DIMMABLE

IK
09T



CE



ALU.

cos φ 0.95
100V-277V

CRI
80+

RoHS

Energy
Saver

no
IR

no
UV



General Information

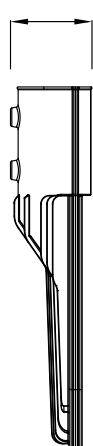


Ø MIN. 40.0mm
Ø MAX. 60.0mm

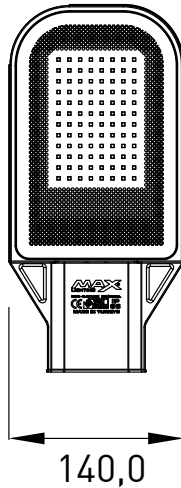
Model / variant	STAR-100A	STAR-100AL
Product number	27M001270	27M001271
Product type	LED street luminaire	
Dimensions - H × W × L	140 × 76.5 × 270 mm	
Housing / material	Aluminium (AL6063)	
Weight	1.75 kg	1.75 kg
Colour / RAL	Matt grey / 7021	
Minimum order	1 unit	

Technical Specifications

05'9L



270,0



140,0

Power (@ 240 VAC)	100 W (±5%)
Input voltage	240 VAC
Luminous flux	15,000 lm
Luminous efficacy	150 lm/W
Beam angle	120° Asymmetric
Colour temperature	2000 ~ 6500 K
Colour rendering index (CRI)	>80
Power factor (cos φ)	0.98
IP rating	IP66
Operating temperature	-35 °C ~ +65 °C
Product lifetime	25 Years
Warranty	5 Years
LED type / quantity	Nichia SMD 3030 / 96 pcs
Power supply system	AC Direct™
Power supply brand	MAX MAX
Electrical connection	L / N / PE
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.