



STAR-120 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
1000 PF

CRI
80+

RoHS

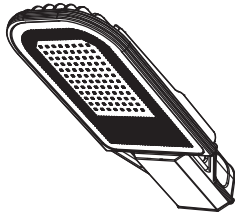
Energy
Saver

no
IR

no
UV

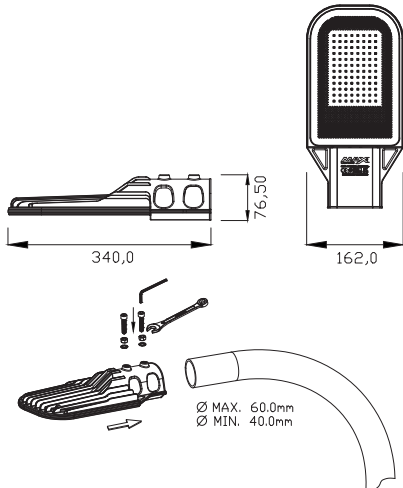


General Information



Model / variant	STAR-120A	STAR-120AL
Product number	27M001272	27M001273
Product type	LED street luminaire	
Dimensions - H × W × L	162 × 76.50 × 340 mm	
Housing / material	Aluminium (AL6063)	
Weight	2.25 kg	2.25 kg
Colour / RAL	Matt black / 9005	
Minimum order	1 unit	

Technical Specifications



Power (@ 240 VAC)	120 W (±5%)	
Input voltage	240 VAC	
Luminous flux	18,000 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.