



The **MC series** comprises weatherproof LED luminaires developed for linear lighting requirements in indoor and outdoor environments. The long, narrow housing supports orderly installation on different surfaces, while the available lengths, power ratings and supply options allow the model to be selected for the application. The housing, electrical connection and mounting arrangement should be considered together, using the product's technical drawings and tabulated values. Within the series, MC-300A-12AN is a switched variant manufactured specifically for ships; apart from the switch, its technical specifications are identical to the standard MC-300A-12. Other models are specified in their respective variant tables.

Powered by Nichia LEDs



AC-DIRECT
ALTERNATING CURRENT DIRECT DRIVER



IP65

NICHIA
LED

180°

AC

LONG
LIFE

DIMMABLE

IK
09T



CE



PC/ABS

cos φ 0.95
1000 V

CRI
80+

RoHS

Energy
Saver

no
IR

no
UV

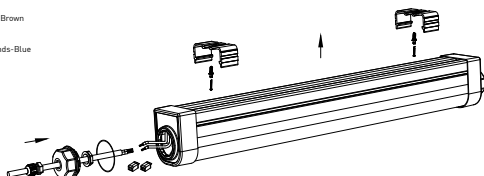
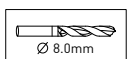
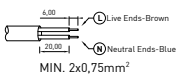
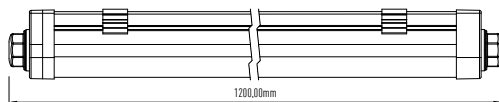
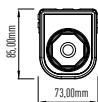


General Information



Model / variant	MC-1200A-80
Product number	27M001377
Product type	Weatherproof LED luminaire
Dimensions - H × W × L	85 × 73 × 1200 mm
Housing / material	Polycarbonate / ABS (PC/ABS)
Weight	1.75 kg
Colour / RAL	White / 9010 • Dark grey / 9023
Minimum order	1 unit

Technical Specifications



Power (@ 240 VAC)	80 W (±5%)
Input voltage	240 VAC
Luminous flux	12,000 lm
Luminous efficacy	150 lm/W
Beam angle	180°
Colour temperature	2000 ~ 6500 K
Colour rendering index (CRI)	>80
Power factor (cos φ)	0.98
IP rating	IP65
Operating temperature	-25 °C ~ +55 °C
Product lifetime	25 Years
Warranty	5 Years
LED type / quantity	Nichia SMD 3030 / 128 pcs
Power supply system	AC Direct™
Power supply brand	MAX
Electrical connection	2-wire connection
Connection cable	Min. 2 × 0.75 mm² 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 ENDUSTRI A.Ş. Made in Türkiye with 100% Turkish capital.