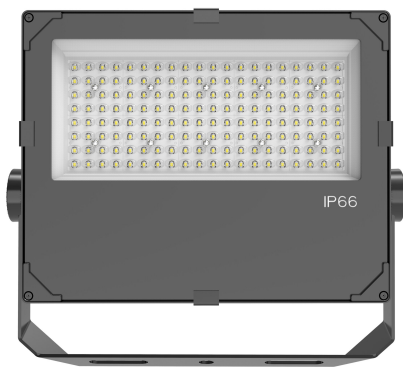


PRODUCT DATASHEET

MAXPRO FL LFLMP100MW 100/75/50W 5000K

MAXPRO FLOODLIGHT | Floodlight with very wide beam, asymmetric light distribution for area lighting



Areas of application

- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Sports facilities
- City roads, industrial roads, parking lots
- Tunnels, underpasses

Product benefits

- Bright, robust and durable
- Highly versatile due to selectable power steps (Multi Lumen) on the housing
- 5 years guarantee
- Durable: robust, corrosion-resistant luminaire housing

Product features

- Multi Power and Multi lumen, power selectable
- Luminous efficacy: 160 lm/W
- Corrosion-resistant casing made of powder-coated die-cast aluminum
- Asymmetric light distribution for area lighting
- Flicker free
- Input voltage: 110...277 V
- Surge protection: up to 6 kV (L-N), 6 kV (L/N-PE)
- Overtemperature protection: Thermal management at high t_c temperatures

TECHNICAL DATA

Electrical data

Nominal wattage	100 W / 75 W / 50 W
Nominal voltage	110...277 V
Mains frequency	50...60 Hz
Nominal current	430.000 mA
Inrush current	90 A
Inrush current time T_{h50}	160 μ s
Max. number of luminaires per miniature circuit breaker B16	4
Max. number of luminaires per miniature circuit breaker C10	4
Max. number of luminaires per miniature circuit breaker C16	6
Power factor λ	> 0.90
Total harmonic distortion	< 18 %
Protection class	I
Surge capability (L-N)	> 6 kV
Surge capability (L/N-Ground)	> 6 kV
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	16000 lm / 12000 lm / 8000 lm
Luminous efficacy	160 lm/W
Color temperature	5000 K
Light color (designation)	White
Color rendering index Ra	80
Standard deviation of color matching	< 6 sdc _m
Low flicker	Yes
Flickering metric (Pst LM)	<1
Photobiological safety group acc. to EN62778	RG1
Beam angle	60 ° x 135 °

Dimensions & Weight

Length	361.00 mm
Width	328.00 mm
Height	55.00 mm
Product weight	3600.00 g
Cable length	1500 mm

MAXPRO FLOODLIGHT ASYM
60X135 100/75/50W 5000K

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Glass
Light emitting surface material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+50 °C
Temperature range at storage	-40...+80 °C
Type of connection	Cable, 3-pole
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Pole / Floor / Ceiling
Application environment	Outdoor
Adjustable	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	82000 h ¹⁾
Lifespan L80/B50 at 25 °C	82000 h
Lifespan L90/B10 at 25 °C	39000 h
Number of switching cycles	100000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	438 mA
ECG - Output ripple current	< 5 %


Certificates & Standards


Standards	CB / RCM
Replaceable light source (EPREL)	Not replaceable

Additional product data

Added function	MULTI SELECT
----------------	--------------

DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	MAXPRO FLOODLIGHT ASYM 60X135

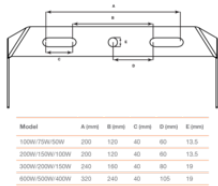
Photometric and lighting design files	Document name
 IES file (IES)	MAXPRO FLOODLIGHT ASYM 60X135 100/75/50W 5000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854526510	Shipping box 1	390 mm x 365 mm x 100 mm	3900.00 g	14.24 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION



DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.