

# PRODUCT DATASHEET

## MAXPRO FL LFLMP200MW 200/150/100W 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                                             | 200 W / 150 W / 100 W |
| Nominal voltage                                             | 110...277 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 877.000 mA            |
| Inrush current                                              | 100 A                 |
| Inrush current time $T_{h50}$                               | 316 $\mu$ s           |
| Max. number of luminaires per miniature circuit breaker B16 | 3                     |
| Max. number of luminaires per miniature circuit breaker C10 | 3                     |
| Max. number of luminaires per miniature circuit breaker C16 | 6                     |
| Power factor $\lambda$                                      | > 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                                | 32000 lm / 24000 lm / 16000 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 <sub>m</sub>           |
| 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          | 468.00 mm |
| Height         | 58.00 mm  |
| Product weight | 5200.00 g |
| Cable length   | 1500 mm   |

## MAXPRO FLOODLIGHT ASYM 60X135 200/150/100W 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 <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 37000 h <sup>1)</sup> |
| Lifespan L80/B50 at 25 °C  | 77000 h               |
| Lifespan L90/B10 at 25 °C  | 37000 h               |
| Number of switching cycles | 100000                |

<sup>1)</sup> 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              | 875 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 |

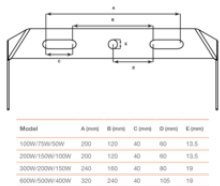
| Photometric and lighting design files                                                            | Document name                                    |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------|
|  IES file (IES) | MAXPRO FLOODLIGHT ASYM 60X135 200/150/100W 5000K |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4099854526527 | Shipping box<br>1            | 505 mm x 390 mm x 100 mm             | 5700.00 g    | 19.70 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.