

PRODUCT DATASHEET FL MAX LUM P 900W 757 SYM 10 WAL

FLOODLIGHT MAX 900W LUMINAIRE HEAD | High-power floodlight for large area and sports lighting, up to 123 klm



Areas of application

- Outdoor use (IP66)
- Lighting of large areas
- Sports facilities
- Construction areas
- Direct replacement for luminaires using HID lamps

Product benefits

- Very bright, robust and durable
- Energy savings of up to 45 % compared to luminaires that use conventional discharge lamps
- Easy dimming to 33% by wiring
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Optimized product logistic, luminaire heads and power supplies to be ordered separately in stand-alone packaging
- Low flicker light
- 5 years guarantee

Product features

- Modular, high-power floodlight with up to 135 lm/W
- Joint or separate installation with Floodlight Max power supply with up to 40 m distance
- Available with 10°, 30° and 60° symmetric beam angles, as well as 50°x110° asymmetric light distribution
- Mounting bracket for up to 180° tilting
- Highly-transparent, tempered glass diffuser



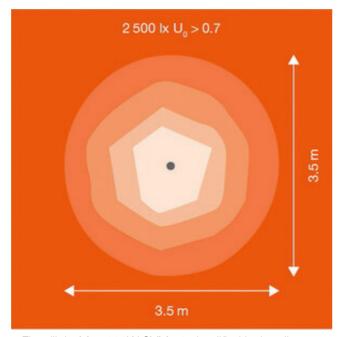
TECHNICAL DATA

Electrical data

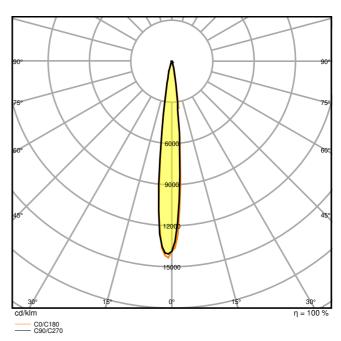
| Nominal wattage | 900.00 W |
|-----------------|---------------------|
| Nominal voltage | 180 V |
| Mains frequency | 5060 Hz |
| Nominal current | 4740 mA |
| Operating mode | External LED driver |

Photometrical data

| Luminous flux | 117000 lm |
|--|---------------|
| Luminous efficacy | 130 lm/W |
| Color temperature | 5700 K |
| Light color (designation) | Cool Daylight |
| Color rendering index Ra | ≥70 |
| Standard deviation of color matching | < 5 sdcm |
| Luminous intensity | - |
| Low flicker | Yes |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG2 |
| Beam angle | 10 ° |







FL MAX 900W 757 SYM 10 WAL

Dimensions & Weight

| Length | 660.00 mm |
|----------------|------------|
| Width | 591.00 mm |
| Height | 279.00 mm |
| Product weight | 20800.00 g |
| Cable length | 1300 mm |

FL MAX LUM P 900W

Materials & Colors

| Product color | Gray |
|---------------------------------|----------|
| Housing color | Gray |
| RAL Color (most similar) | RAL 9006 |
| 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+70 °C |
| Type of connection | Terminal, 3-Pole (L, N, PE) |
| Type of protection | IP66 |
| Protection class IK (shock resistance) | IK08 |
| Dimmable | Yes |
| Mounting type | Surface |
| Mounting location | Wall / Pole / Floor |
| Application environment | Outdoor |
| Adjustable | Yes |
| With light source | Yes |
| Replaceable light source | No |

Lifespan

| Lifespan L70/B50 at 25 °C | 100000 h ¹⁾ |
|----------------------------|------------------------|
| Lifespan L80/B10 at 25 °C | 75000 h ¹⁾ |
| Lifespan L80/B50 at 25 °C | 75000 h |
| Lifespan L90/B10 at 25 °C | 50000 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)

Certificates & Standards

| Standards | CE / CB / ENEC / EAC / EPD |
|--|----------------------------|
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | Yes |
| EPD | LEDV-00007-V01.01-EN |
| Replaceable light source (EPREL) | Not replaceable |

EQUIPMENT / ACCESSORIES

- Power supply not included in luminaire head delivery unit
- Operation only with official 900 W power supply, GTIN(EAN) 4058075580732
- Aiming device in preparation
- Visor for front light cut-off in preparation

Safety advice

- Floodlight Max Luminaire Heads must be operated with official Floodlight Max Power Supplies only, as described in the user manual.
- If only one fixation point is used for luminaires installed higher >3m, a secondary fixation of luminaire and bracket (e.g. a restraining wire) is needed for safety reasons.
- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 4 m is not expected.
- All electrical connections must be made by a qualified person.

Documents and certificates

- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

Document name

DOWNLOAD DATA

| | Documents and certificates | Document name |
|-----|--|--|
| PDF | User instruction / safety instructions | FLOODLIGHT MAX |
| PDF | Legal information | LSI FL MAX LUM P |
| PDF | Legal information | Legal Insert FL MAX LUM/POWER SUPPLY |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Declarations of conformity | FL MAX P LUM |
| PDF | Declarations of conformity UKCA | FL MAX LUM |
| PDF | Declarations of conformity UKCA | FL MAX LUM P |
| | Photometric and lighting design files | Document name |
| | IES file (IES) | FL MAX 900W 757 SYM 10 WAL |
| | LDT file (Eulumdat) | FL MAX 900W 757 SYM 10 WAL |
| | ULD file (DIALux) | FL MAX LUM P 900W 757 SYM 10 |
| | ROLF file (RELUX) | FL MAX 900W HEAD 757 SYM 10 WAL |
| | Light distribution curve type polar | Floodlight Max 900W SYM 10 simplified isolux diagram |
| | ROLF file (RELUX) | FL MAX 900W HEAD 757 SYM 10 WAL |

| Photometric and lighting design files | Document name |
|---------------------------------------|----------------------------|
| Light distribution curve type polar | FL MAX 900W 757 SYM 10 WAL |
| | |

| CAD/BIM files | Document name |
|---------------|----------------|
| BIM Revit 3D | Floodlight Max |
| CAD STEP 3D | FL MAX 900W |

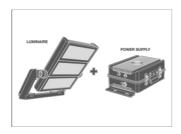
| Tender texts | Document name |
|------------------|--|
| Tender documents | FLOODLIGHT MAX 900W LUMINAIRE HEAD 757 SYM 10 WAL-EN |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075580626 | Shipping box | 795 mm x 619 mm x 231 mm | 23008.00 g | 113.68 dm ³ |

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





References / Links

- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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