

product_datasheet_title

FL MAX LUM P 900W 757 ASYM50x110WAL

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



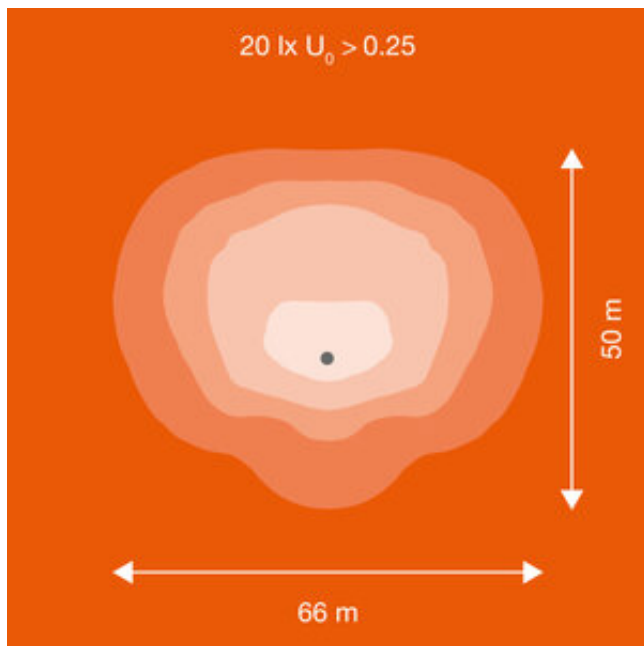
technical_data

ELECTRICAL DATA

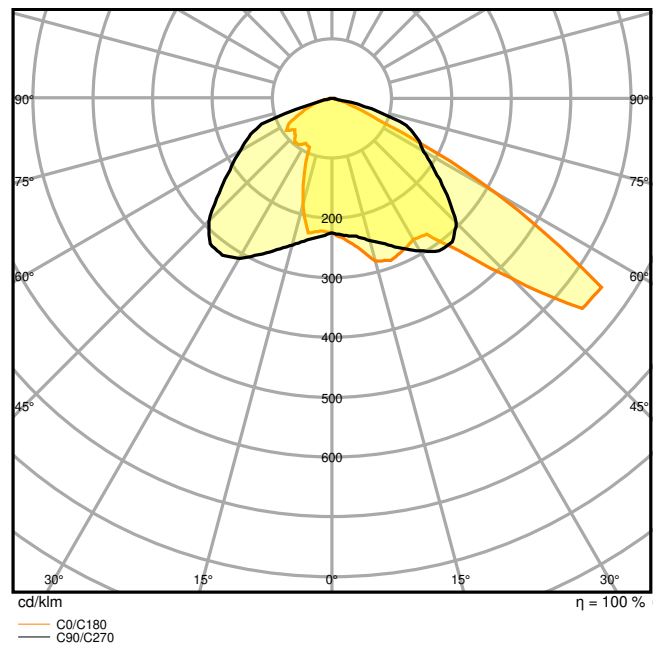
| | |
|-----------------|---------------------|
| Nominal wattage | 900.00 W |
| Nominal voltage | 180 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 4740 mA |
| Operating mode | External LED driver |

PHOTOMETRICAL DATA

| | |
|--|----------------------|
| Luminous flux | 123000 lm |
| Luminous efficacy | 137 lm/W |
| Color temperature | 5700 K |
| Light color (designation) | Cool Daylight |
| Color rendering index Ra | ≥70 |
| Standard deviation of color matching | < 5 sdc _m |
| Luminous intensity | - |
| Low flicker | Yes |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG2 |
| Beam angle | 50 ° x 110 ° |



Floodlight Max 900W ASYM 50x110 simplified isolux diagram



FL MAX 900W 757 ASYM 50X110 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 |
| 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 | no |
| Mounting type | Surface |
| Mounting location | Wall / Pole / Floor |
| Application environment | Outdoor |
| Adjustable | Yes |
| LED module replaceable | Not replaceable |
| With light source | Yes |

LIFESPAN



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

download_data

| Documents and certificates | | document_name |
|--|-----------------------------|------------------|
|  | User instruction | FLOODLIGHT MAX |
|  | Addon Technical Information | LSI FL MAX LUM P |

| Documents and certificates | | document_name |
|--|---------------------------------|--------------------------------------|
|  | Packaging insert | Legal Insert FL MAX LUM/POWER SUPPLY |
|  | Declarations Of Conformity CE | FL MAX P LUM |
|  | Declarations Of Conformity UKCA | FL MAX LUM |
|  | Declarations Of Conformity UKCA | FL MAX LUM P |

| Photometric and lighting design files | | document_name |
|--|---------------------|---|
|  | IES file (IES) | FL MAX 900W 757 ASYM 50X110 WAL |
|  | LDT file (Eulumdat) | FL MAX 900W 757 ASYM 50X110 WAL |
|  | ULD file (DIALux) | FL MAX LUM P 900W 757 ASYM |
|  | ROLF file (RELUX) | FL MAX 900W HEAD 757 ASYM 50x110 WAL |
|  | LDC typ polar | Floodlight Max 900W ASYM 50x110 simplified isolux diagram |
|  | LDC typ polar | FL MAX 900W 757 ASYM 50X110 WAL |

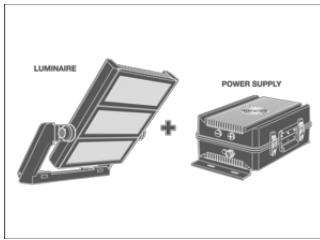
| CAD/BIM files | | document_name |
|--|--------------|----------------|
|  | BIM_Revit_3D | Floodlight Max |
|  | CAD_STEP_3D | FL MAX 900W |

logistical_data

| product_code | packaging_unit | dimensions | weight | volume |
|---------------|-------------------|--------------------------|------------|------------------------|
| 4058075580657 | Shipping box 1 | 795 mm x 619 mm x 231 mm | 23008.00 g | 113.68 dm ³ |

logistical_data_text

additional_catalog_information



| LDV FL MAX | S/ra | | | | max | Cw1 | Cw2 | Cw3 | Cw4 | Cw5 | Cw6 | Cw7 | Cw8 | Cw9 | Cw10 | |
|------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 0° | 30° | 60° | 90° | | | | | | | | | | | | |
| 600 W | B1 | 0.12m | 0.17m | 0.23m | 0.28m | 0.34m | 0.40m | 0.46m | 0.52m | 0.58m | 0.64m | 0.70m | 0.76m | 0.82m | 0.88m | 0.94m |
| | B2 | 0.12m | 0.17m | 0.23m | 0.28m | 0.34m | 0.40m | 0.46m | 0.52m | 0.58m | 0.64m | 0.70m | 0.76m | 0.82m | 0.88m | 0.94m |
| | B3 | 0.12m | 0.17m | 0.23m | 0.28m | 0.34m | 0.40m | 0.46m | 0.52m | 0.58m | 0.64m | 0.70m | 0.76m | 0.82m | 0.88m | 0.94m |
| 900 W | B1 | 0.13m | 0.18m | 0.24m | 0.30m | 0.36m | 0.42m | 0.48m | 0.54m | 0.60m | 0.66m | 0.72m | 0.78m | 0.84m | 0.90m | 0.96m |
| | B2 | 0.13m | 0.18m | 0.24m | 0.30m | 0.36m | 0.42m | 0.48m | 0.54m | 0.60m | 0.66m | 0.72m | 0.78m | 0.84m | 0.90m | 0.96m |
| | B3 | 0.13m | 0.18m | 0.24m | 0.30m | 0.36m | 0.42m | 0.48m | 0.54m | 0.60m | 0.66m | 0.72m | 0.78m | 0.84m | 0.90m | 0.96m |
| 1200 W | B1 | 0.14m | 0.19m | 0.25m | 0.31m | 0.37m | 0.43m | 0.49m | 0.55m | 0.61m | 0.67m | 0.73m | 0.79m | 0.85m | 0.91m | 0.97m |
| | B2 | 0.14m | 0.19m | 0.25m | 0.31m | 0.37m | 0.43m | 0.49m | 0.55m | 0.61m | 0.67m | 0.73m | 0.79m | 0.85m | 0.91m | 0.97m |
| | B3 | 0.14m | 0.19m | 0.25m | 0.31m | 0.37m | 0.43m | 0.49m | 0.55m | 0.61m | 0.67m | 0.73m | 0.79m | 0.85m | 0.91m | 0.97m |

disclaimer_title

disclaimer_text