

# PRODUCT DATASHEET

## FL MAX LUM P 1200W 757ASYM50x110WAL

FLOODLIGHT MAX 1200W LUMINAIRE HEAD | High-power floodlight for large area and sports lighting, up to 164 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 50% 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



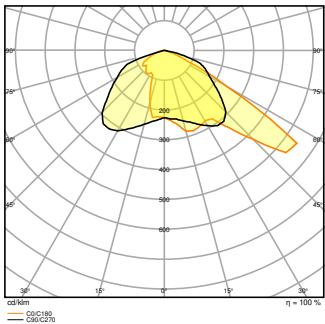
TECHNICAL DATA

Electrical data

|                 |                     |
|-----------------|---------------------|
| Nominal wattage | 1200.00 W           |
| Nominal voltage | 180 V               |
| Nominal current | 6320 mA             |
| Operating mode  | External LED driver |

Photometrical data

|                                              |               |
|----------------------------------------------|---------------|
| Luminous flux                                | 164000 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 sdcn      |
| 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 °  |



Dimensions & Weight

|        |           |
|--------|-----------|
| Length | 841.00 mm |
| Width  | 591.00 mm |
| Height | 282.00 mm |

|                |            |
|----------------|------------|
| Product weight | 31900.00 g |
| Cable length   | 1300 mm    |

Materials & Colors

|                                            |                |
|--------------------------------------------|----------------|
| Product color                              | White aluminum |
| Housing color                              | White aluminum |
| 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 |
| Lifespan L80/B10 at 25 °C  | 75000 h  |
| Lifespan L90/B10 at 25 °C  | 50000 h  |
| Number of switching cycles | 100000   |

Certificates & Standards

|                                                      |                      |
|------------------------------------------------------|----------------------|
| Standards                                            | CE / CB / ENEC / EAC |
| Luminaire with limited surface temperature, "D sign" | No                   |
| Ball shot safe                                       | No                   |

## EQUIPMENT / ACCESSORIES

- Power supply not included in luminaire head delivery unit
- Operation only with official 1200 W power supply, GTIN(EAN) 4058075580749
- 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.

## DOWNLOAD DATA

| Documents and certificates                                                          |                                 |
|-------------------------------------------------------------------------------------|---------------------------------|
|   | User instruction                |
|   | Addon Technical Information     |
|   | Packaging insert                |
|   | Declarations Of Conformity CE   |
|   | Declarations Of Conformity UKCA |
| Photometric and lighting design files                                               |                                 |
|  | IES file (IES)                  |
|  | LDT file (Eulumdat)             |
|  | ULD file (DIALux)               |
|   | ROLF file (RELUX)               |

## Photometric and lighting design files

LDC typ polar

### CAD/BIM files

CAD STEP 3D

## Tender texts



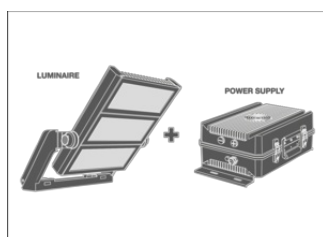
## Tender documents

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume     |
|---------------|------------------------------|--------------------------------------|--------------|------------|
| 4058075580695 | Shipping box<br>1            | 952 mm x 619 mm x 294 mm             | 33228.00 g   | 173.25 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



| LDV FL MAX |  |                     |                     |                     |                     |  |  | 230 Vac |
|------------|---------------------------------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------|
|            | S/a                                                                                   | $\alpha = 0^\circ$  | $\alpha = 30^\circ$ | $\alpha = 60^\circ$ | $\alpha = 90^\circ$ |                                                                                       |                                                                                       |         |
| 600 W      | BB                                                                                    | 0.12 m <sup>2</sup> | 0.17 m <sup>2</sup> | 0.22 m <sup>2</sup> | 0.23 m <sup>2</sup> | <75 kg                                                                                | <div>B32<br/>C31<br/>C32<br/>D31<br/>D32</div>                                        |         |
|            | BB                                                                                    | 0.30 m <sup>2</sup> | 0.30 m <sup>2</sup> | 0.23 m <sup>2</sup> | 0.18 m <sup>2</sup> |                                                                                       |                                                                                       |         |
|            | BB                                                                                    | 0.28 m <sup>2</sup> | 0.28 m <sup>2</sup> | 0.23 m <sup>2</sup> | 0.28 m <sup>2</sup> |                                                                                       |                                                                                       |         |
|            | BB                                                                                    | 0.12 m <sup>2</sup> | 0.22 m <sup>2</sup> | 0.32 m <sup>2</sup> | 0.28 m <sup>2</sup> |                                                                                       |                                                                                       |         |
|            | BB                                                                                    | 0.44 m <sup>2</sup> | 0.41 m <sup>2</sup> | 0.21 m <sup>2</sup> | 0.22 m <sup>2</sup> |                                                                                       |                                                                                       |         |
| 900 W      | BB                                                                                    | 0.12 m <sup>2</sup> | 0.17 m <sup>2</sup> | 0.12 m <sup>2</sup> | 0.12 m <sup>2</sup> | <100 kg                                                                               | <div>1<br/>1<br/>2<br/>2<br/>5</div>                                                  |         |
|            | BB                                                                                    | 0.13 m <sup>2</sup> | 0.27 m <sup>2</sup> | 0.38 m <sup>2</sup> | 0.37 m <sup>2</sup> |                                                                                       |                                                                                       |         |
|            | BB                                                                                    | 0.30 m <sup>2</sup> | 0.30 m <sup>2</sup> | 0.23 m <sup>2</sup> | 0.18 m <sup>2</sup> |                                                                                       |                                                                                       |         |
|            | BB                                                                                    | 0.28 m <sup>2</sup> | 0.28 m <sup>2</sup> | 0.23 m <sup>2</sup> | 0.28 m <sup>2</sup> |                                                                                       |                                                                                       |         |
|            | BB                                                                                    | 0.12 m <sup>2</sup> | 0.22 m <sup>2</sup> | 0.32 m <sup>2</sup> | 0.28 m <sup>2</sup> |                                                                                       |                                                                                       |         |
| 1200 W     | BB                                                                                    | 0.13 m <sup>2</sup> | 0.14 m <sup>2</sup> | 0.14 m <sup>2</sup> | 0.14 m <sup>2</sup> | <135 kg                                                                               | <div>1<br/>1<br/>2<br/>2<br/>4</div>                                                  |         |
|            | BB                                                                                    | 0.13 m <sup>2</sup> | 0.27 m <sup>2</sup> | 0.38 m <sup>2</sup> | 0.37 m <sup>2</sup> |                                                                                       |                                                                                       |         |
|            | BB                                                                                    | 0.30 m <sup>2</sup> | 0.30 m <sup>2</sup> | 0.23 m <sup>2</sup> | 0.18 m <sup>2</sup> |                                                                                       |                                                                                       |         |
|            | BB                                                                                    | 0.28 m <sup>2</sup> | 0.28 m <sup>2</sup> | 0.23 m <sup>2</sup> | 0.28 m <sup>2</sup> |                                                                                       |                                                                                       |         |
|            | BB                                                                                    | 0.12 m <sup>2</sup> | 0.22 m <sup>2</sup> | 0.32 m <sup>2</sup> | 0.28 m <sup>2</sup> |                                                                                       |                                                                                       |         |

## References / Links

- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

## DISCLAIMER

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