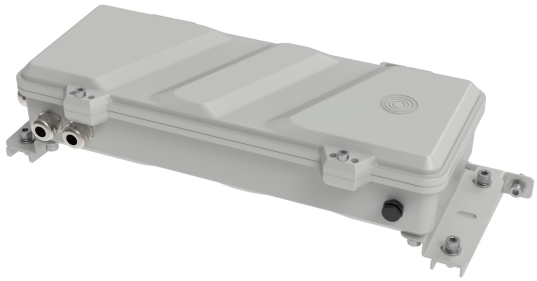
# PRODUCT DATASHEET
# FL MAX PSU DA P 600W WAL

FLOODLIGHT MAX POWER SUPPLY | Driver boxes for luminaire power, ensuring optimal connectivity via On/Off, DALI, DMX



PERFOR-
MANCE
CLASS

## Areas of application

- Suitable for indoor and outdoor installations
- Ports/logistics: lights deep & wide areas, ideal with C5 corrosion protection

## Product benefits

- For extreme temperatures: –40 °C to +50 °C (outdoors), up to +40 °C (indoors)
- Driver box installable up to 150 m from head, central maintenance, reduced mast weight
- Pre-fitted connectors enable quick, waterproof wiring on site (IP66)
- Standardized drivers are always easy to replace for simple maintenance
- Auxiliary DALI power for sensor and control integration, e.g. Smart City
- Optimized logistics: luminaire and driver box can be ordered separately
- Future-proof: high efficiency, long life and multiple interfaces
- Robust and weatherproof: IP66 / IK08, C5-M corrosion protection for harsh environments

## Product features

- Wide voltage range: 200-480V AC
- Efficiency: ≤97 %, saves energy and reduces running costs
- Integration: for lighting control, DMX, 0-10V dimming
- Climate membrane protects from water and lets air pass through
- Surge protection: up to 20 kV, improved safety in stadiums
- Protection: lockable driver box prevents tampering


© 2026, LEDVANCE GmbH. All rights reserved.

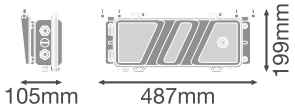
## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 600.00 W |
| Nominal voltage | 200…480 V |
| Mains frequency | 0/50/60 Hz |
| Max. number of luminaires per miniature circuit breaker B16 | 2 |
| Max. number of luminaires per miniature circuit breaker C16 | 3 |
| Power factor λ | > 0.94 |
| Protection class | I |
| Surge capability (L-N) | 20 kV |
| Dimming interface | DALI-2 / IoT / DALI D4i / Push-DIM |

### Dimensions & Weight

| | |
|---|---|
| Length | 487.00 mm |
| Width | 199.00 mm |
| Height | 105.00 mm |
| Product weight | 5000.00 g |




FL MAX PSU DA P

### Materials & Colors

| | |
|---|---|
| Product color | Gray/White aluminum |
| RAL Color (most similar) | RAL 9006 |
| Body material | Aluminum |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |

### Application & Mounting

| | |
|---|---|
| Ambient temperature range | -40…+50 °C |
| Temperature range at storage | -40…85 °C |
| Type of connection | Cable, 5-pole |


© 2026, LEDVANCE GmbH. All rights reserved.

| | |
|---|---|
| Type of protection | IP66 |
| Protection class IK (shock resistance) | IK08 |
| Corrosion resistance class acc. to EN 12944 | C5 |
| Dimmable | Yes [1)] |
| Type of dimming | DALI D4i |
| Dimming range | 0…100 % |
| IoT ready | Support of DALI data type PART 251, 252, 253 [2)] |
| Replaceable light source | No |

1) DMX, 0-10V dimming

2) Internet of Things. Supports data transfer via gateway to cloud-based monitoring platforms, such as LEDVANCE VIVARES Cloud

## Control gear

| | |
|---|---|
| ECG lifetime | 100000 h |

## Certificates & Standards

| | |
|---|---|
| Standards | CE / CB / ENEC / UKCA / EAC / EPD |
| Ball shot safe | Yes |
| EPD | LEDV-00061-V02.01-EN |

## Additional product data

| | |
|---|---|
| Added function | VIVARES |

## Accessories Optional

| Product image | Product name | EAN |
|---|---|---|
|  | FL FLEX ADAPTER SOCKET NEMA | 4099854680113 |
|  | FL FLEX ADAPTER SOCKET ZHAGA | 4099854680076 |
|  | FL MAX CONNECTOR BOX | 4099854696176 |

## EQUIPMENT / ACCESSORIES

– Cable glands included and preinstalled in the power supply


© 2026, LEDVANCE GmbH. All rights reserved.

## Safety advice

- All electrical connections must be made by a qualified person.
- 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.

## DOWNLOAD DATA

| | Documents and certificates | Document name |
|---|---|---|
| PDF | User instruction / safety instructions | User Instruction G11264362 FL MAX P GEN2 |
| PDF | Legal information | Safety Insert_G11205497 |
| PDF | Legal information | G11251566 legal insert |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Declarations of conformity | FLOODLIGHT MAX |
| PDF | Declarations of conformity UKCA | FL MAX UKCA DECLARATION |
| PDF | Certificates | FL MAX ENEC CERTIFICATE |
| PDF | EU Data Act | DALI LED Driver and Luminaires |
| PDF | EPD | ENVIRONMENTAL PRODUCT DECLARATION FLOODLIGHT MAX GEN 2 |

| | Tender texts | Document name |
|---|---|---|
| TXT | Tender documents | FLOODLIGHT MAX POWER SUPPLY 600W WAL-en |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4099854681646 | Shipping box<br>1 | 567 mm x 257 mm x 154 mm | 5470.00 g | 22.44 $dm^3$ |

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.

## References / Links

- For Guarantee see www.ledvance.com/guarantee


© 2026, LEDVANCE GmbH. All rights reserved.

## DISCLAIMER

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


© 2026, LEDVANCE GmbH. All rights reserved.