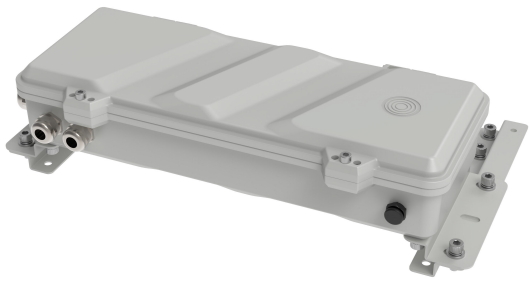
PRODUCT DATASHEET
FL MAX PSU DA P 1200W WAL

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

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TECHNICAL DATA

Electrical data

Nominal wattage	1200.00 W
Nominal voltage	200…480 V
Mains frequency	0/50/60 Hz
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	6100.00 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
Type of protection	IP66
Protection class IK (shock resistance)	IK08

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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

Safety advice

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- 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 1200W WAL-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854681653	Shipping box 1	567 mm x 257 mm x 154 mm	6570.00 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

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DISCLAIMER

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