PRODUCT DATASHEET
FL MAX POWER SUPPLY P 900W WAL

FLOODLIGHT MAX POWER SUPPLY | Floodlight Max power supplies



PERFOR-
MANCE
CLASS

Areas of application

- Outdoor use (IP66)
- Lighting of large areas
- Sports facilities
- Construction areas

Product benefits

- Highly robust and durable
- Quick and easy wiring, due to tool-free housing opening
- Optimized product logistic, luminaire heads and power supplies to be ordered separately in stand-alone packaging
- 5 years guarantee

Product features

- Power supply for Floodlight Max luminaire heads
- Joint or separate installation with Floodlight Max luminaire head with up to 40 m distance
- M20 and M25 PG glands for mains cable feed-in
- LED-module wiring by means of pre-installed fast quick release connector
- High surge protection: up to 10 kV (L/N-PE and L-N)

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TECHNICAL DATA

Electrical data

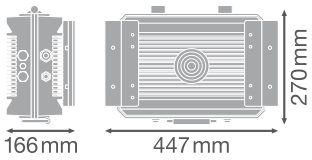
Nominal wattage	900.00 W
Nominal voltage	200…277 V
Mains frequency	50…60 Hz
Nominal current	3900 mA
Inrush current	135 A
Inrush current time T_{h50}	1200 µs
Max. number of luminaires per miniature circuit breaker C16	1
Power factor λ	0.95
Maximum total harmonic distortion	< 20 %
Protection class	I

Photometrical data

Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-

Dimensions & Weight

Length	270.00 mm
Width	447.00 mm
Height	166.00 mm
Product weight	10500.00 g



FL MAX POWER SUPPLY P
900W, 1200W

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Materials & Colors

Cover material	Aluminium
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 protection	IP67
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting location	Wall / Pole / Floor
With light source	No
Replaceable light source	No

Lifespan

Number of switching cycles	100000

Control gear

Output current	4740 mA

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

EQUIPMENT / ACCESSORIES

- Extension cables and mounting kit for pole installation of power supply 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.
- 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.
- Do not stare at the operating light source: The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer that 4 m is not expected.

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DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	FLOODLIGHT MAX
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
PDF	Declarations of conformity UKCA	FL MAX LUM P and POWER SUPPLY P
PDF	EPD	EPD EN FLOODLIGHT MAX

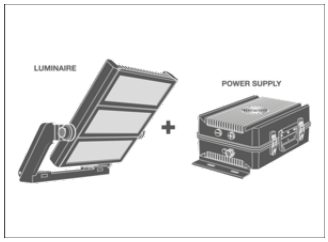
	Tender texts	Document name
TXT	Tender documents	FLOODLIGHT MAX POWER SUPPLY 900W WAL-EN

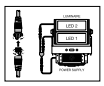
LOGISTICAL DATA

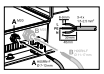
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075580732	Shipping box 1	502 mm x 353 mm x 222 mm	11390.00 g	39.34 dm^3

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.

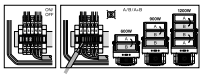
ADDITIONAL CATALOG INFORMATION

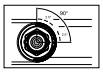


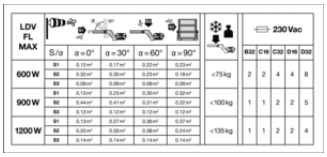




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LDV FL MAX	S/a	α = 0°	α = 30°	α = 60°	α = 90°		230 Vac			
							B32	C16	C32	D16	D32
600 W	S1	0.12 m²	0.17 m²	0.22 m²	0.23 m²						
	S2	0.32 m²	0.30 m²	0.23 m²	0.18 m²	<75 kg	2	2	4	4	8
	S3	0.66 m²	0.28 m²	0.09 m²	0.09 m²						
900 W	S1	0.13 m²	0.23 m²	0.30 m²	0.32 m²						
	S2	0.44 m²	0.41 m²	0.31 m²	0.22 m²	<100 kg	1	1	2	2	5
	S3	0.12 m²	0.12 m²	0.12 m²	0.12 m²						
1200 W	S1	0.13 m²	0.27 m²	0.36 m²	0.37 m²						
	S2	0.55 m²	0.50 m²	0.38 m²	0.24 m²	<135 kg	1	1	2	2	4
	S3	0.14 m²	0.14 m²	0.14 m²	0.14 m²						

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.

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