

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)



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
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

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

Lifespan

Number of switching cycles	100000
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Control gear

Output current	4740 mA
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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

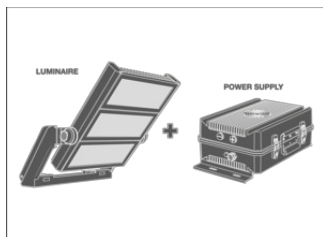
- Floodlight Max Luminaire Heads must be operated with official Floodlight Max Power Supplies only, as described in the user manual.
- If only one fixation point is used for luminaires installed higher >3m, a secondary fixation of luminaire and bracket (e.g. a restraining wire) is needed for safety reasons.
- 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 than 4 m is not expected.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	FLOODLIGHT MAX

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 dm³

ADDITIONAL CATALOG INFORMATION



LDV FL MAX							230 V _{AC}				
	S/a	$\alpha = 0^\circ$	$\alpha = 30^\circ$	$\alpha = 60^\circ$	$\alpha = 90^\circ$		BSE	CN	CH	DH	SW
600 W	B1	0.12 m ²	0.17 m ²	0.22 m ²	0.28 m ²	<75 kg	2	2	4	4	8
	B2	0.30 m ²	0.39 m ²	0.53 m ²	0.74 m ²						
	B3	0.45 m ²	0.59 m ²	0.80 m ²	1.09 m ²						
	B4	0.74 m ²	0.93 m ²	1.26 m ²	1.74 m ²						
900 W	B1	0.14 m ²	0.21 m ²	0.31 m ²	0.39 m ²	<100 kg	1	1	2	2	5
	B2	0.42 m ²	0.55 m ²	0.74 m ²	1.02 m ²						
	B3	0.63 m ²	0.82 m ²	1.10 m ²	1.48 m ²						
	B4	1.05 m ²	1.34 m ²	1.78 m ²	2.44 m ²						
1200 W	B1	0.16 m ²	0.24 m ²	0.36 m ²	0.47 m ²	<130 kg	1	1	2	2	4
	B2	0.48 m ²	0.63 m ²	0.85 m ²	1.14 m ²						
	B3	0.72 m ²	0.95 m ²	1.28 m ²	1.71 m ²						
	B4	1.19 m ²	1.56 m ²	2.08 m ²	2.84 m ²						

– 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.