

PRODUCT DATASHEET

FL MAX POWER SUPPLY P 600W WAL

FLOODLIGHT MAX POWER SUPPLY | Floodlight Max power supplies



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	600.00 W
Nominal voltage	220...240 V
Mains frequency	50 Hz
Nominal current	2600 mA
Inrush current	90 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	188.00 mm
Width	447.00 mm
Height	146.00 mm
Product weight	6700.00 g

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
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Temperature range at storage	-40...+70 °C
Type of protection	IP66
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	3160 mA
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Certificates & Standards

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

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.

DOWNLOAD DATA

Documents and certificates	
	User instruction
	Packaging insert
	Declarations Of Conformity CE
	Declarations Of Conformity UKCA

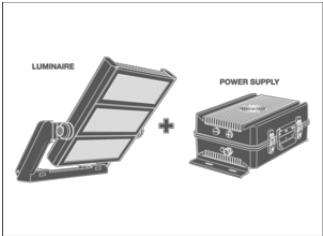
Tender texts	
	Tender documents

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075580718	Folding box 1	502 mm x 254 mm x 197 mm	7347.00 g	25.12 dm ³
4058075580725	Shipping box 2	537 mm x 537 mm x 234 mm	12950.00 g	67.48 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



LDV FL MAX	S/a				800	C10	C20	D10	D20
	α = 0°	α = 30°	α = 60°	α = 90°					
600 W	80	0.12rad	0.17rad	0.28rad	0.28rad				
	80	0.28rad	0.28rad	0.28rad	0.28rad				
	80	0.28rad	0.28rad	0.28rad	0.28rad				
	80	0.28rad	0.28rad	0.28rad	0.28rad				
900 W	80	0.12rad	0.28rad	0.28rad	0.28rad				
	80	0.28rad	0.28rad	0.28rad	0.28rad				
	80	0.12rad	0.12rad	0.12rad	0.12rad				
	80	0.12rad	0.12rad	0.12rad	0.12rad				
1200 W	80	0.12rad	0.28rad	0.28rad	0.28rad				
	80	0.28rad	0.28rad	0.28rad	0.28rad				
	80	0.12rad	0.12rad	0.12rad	0.12rad				
	80	0.12rad	0.12rad	0.12rad	0.12rad				

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.