

# PRODUCT DATASHEET LED VALUE FLOODLIGHT 500W 4000K 30DEG IP66

LED VALUE MULTIPOWER FLOODLIGHT | Floodlights



# Areas of application

- Sports grounds and outdoor facilities
- Area lighting
- Public areas

## Product benefits

- Low maintenance costs thanks to long lifetime 50,000 hrs @ 35 °C
- Energy savings thanks to system efficacy of up to 150 lm/W

### **Product features**

- Input voltage: 100 277V AC
- $\,$  Available with selectable wattage: 210 W/250 W/300 W in 300 W version
- Available with selectable wattage: 330 W/420 W/500 W in 500 W version
- $-\,$  Standard CCT: 6500 K and 4000 K
- Color rendering index  $R_a$ :  $\geq 80$
- Power factor: ≥ 0.9
- Lifetime up to 50,000 h
- Type of protection: IP66
- Impact resistance: IK08

# TECHNICAL DATA

# Electrical data

Nominal wattage	500.00 W	
Nominal voltage	100277 V	
Mains frequency	5060 Hz	
Nominal current	1.965 A	
Inrush current time T <sub>h50</sub>	1200 µs	
Max. number of luminaires per miniature circuit breaker B16	4	
Max. number of luminaires per miniature circuit breaker C16	5	
Power factor $\lambda$	> 0.90	
Total harmonic distortion	< 20 %	
Protection class	I	
Operating mode	Integrated LED driver	

# Photometrical data

Luminous flux	72000 lm	
Luminous efficacy	144 lm/W	
Color temperature	4000 K	
Light color (designation)	Cool White	
Color rendering index Ra	≥80	
Standard deviation of color matching	< 5 sdcm	
Photobiological safety group acc. to EN62778	RG1	
Beam angle	30 °	

# Dimensions & Weight

Length	578.00 mm
Width	473.00 mm
Height	105.00 mm
Product weight	9600.00 g
Cable length	500 mm

# Materials & Colors

Product color	Black	
Housing color	Black	
Body material	Aluminum	
Light emitting surface material	Polycarbonate (PC)	
Glow Wire Test according to IEC 60695-2-12	750 °C	
Mercury content	0.0 mg	

# **Application & Mounting**

Ambient temperature range	-30+50 °C
Type of connection	Cable, 3-pole
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Pole
Mounting width	300 mm
Adjustable	Yes
Replaceable light source	No

# Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Number of switching cycles	30000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

# Certificates & Standards

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

# DOWNLOAD DATA

	Documents and certificates	Document name
POF	User instruction / safety instructions	LDV FL

Photometric and lighting design files	Document name
IES file (IES)	LDV FL 330-420-500W 30D 840

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854148224	Shipping box	622 mm x 607 mm x 192 mm	11867.00 g	72.49 dm <sup>3</sup>

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.

# **DISCLAIMER**

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