

0240071 Floodlight - 50W 6400lm 4000K 3600—4400K IP66 - CREE LED - Sosen Driver - Black

- Asymmetrical beam angle
- Protected against corrosion, dust and high pressure jets of water
- Highly shock resistant

LED's light PRO

Our outdoor LED floodlight with asymmetrical beam pattern, IK08 impact resistance index and high efficiency is the ideal choice for efficient and powerful outdoor lighting.

The floodlight's robust housing has a corrosion protection level of C4 and an IP66 rating to withstand extreme weather conditions. The condensation membrane expels condensation from the housing, preventing moisture ingress and extending product life.

The asymmetrical beam pattern provides optimal illumination of areas such as parking lots, facades or pathways. By using light efficiently, the LED outdoor floodlight helps improve safety and visibility in public areas.

Our outdoor LED floodlight is also ideal for use in public spaces or industrial facilities, as it has an impact resistance index of IK08, making it resistant to many mechanical impacts, such as vandalism.

Order the best lighting solution for your business now with our high-quality outdoor LED floodlight.

E

General

Brand	LED's light Pro
Collection	Functional
Manual language	Dutch, English, French, German, Spanish



Package content	Multi language manual
PLC Status	Active
Warranty	5-Year

Lighting

Luminous efficacy	120 lm/W
Reflector	None
Total lumens	6400 lm
Useful lumens	6400 lm
Adjustable luminous flux	No
Adjustable color temperature	No
Lamp efficacy	128
Light sharing	Asymmetric
Color temperature	4000 K
Color temperature range	3600 — 4400 K
Color description	Neutral white
Color rendering index	80
Adjustable beam angle	No
Color consistency (McAdam Ellipse)	SDCM3
Beam angle	140 °
Unified glare rating	<26
Photobiological safety according to EN 62471	RG1
Flicker-free	Yes

Electrical

Type of control gear	LED operating device current-controlled
Max. number of luminaires per miniature circuit breaker B16	8
Max. number of luminaires per miniature circuit breaker C16	12
Power consumption	50 W
Input voltage.	100 — 240 V
Voltage type	AC
Input frequency	50/60 Hz
Power factor	0.95
Input current.	230 — 230 mA
Safety class	I
Control gear type	Isolated driver
Control gear mounting	Built-in
Type of dimming	Not dimmable

Glow wire test	650 °C
 Maximum qty per 16A type B circuit breaker	8
 Maximum qty per 16A type C circuit breaker	12
LED chip type	SMD 2835
LED chip brand	CREE
LED chip quantity	48
Total harmonic distortion (THD)	0.1

Power Supply

Brand of power supply	Sosen
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Performance

Anti-corrosion level	C4
IP Rating	IP66
Impact strength	IK08
Rated life time L70/B50 at 25 C	145000 h
Rated life time L70/B10 at 25 C	138000 h
Rated life time L80/B50 at 25 C	90000 h
Rated life time L80/B10 at 25 C	85000 h
Rated life time L90/B50 at 25 C	42000 h
Rated life time L90/B10 at 25 C	39000 h
Luminaire with D mark	Yes
Operating Temperature	-20 — 40 °C
Energy class (EU 2019/2015)	E

Mechanical

Surface protection	Powder coating
With light source	No
Suitable for number of lamps	1
Light outlet	Direct
Number of poles	3
Conductor cross section	1 mm ²
Adjustability	Swivelling
Article length	190 mm
Article width	350 mm
Article height	57 mm
Article net weight	2286 g

Housing material	Aluminum, Tempered glass
Color housing	Black
Diffuser material	Polycarbonate (PC)
Diffuser finishing	Clear
Type of wiring	Ending
Lamp socket	N/A
Lamp type	LED not exchangeable
Mounting type	Wall, Surface

Logistic Data

EAN Product	8720604304534
Innerbox quantity	4
Master carton length	44 cm
Master carton width	29 cm
Master carton height	12 cm
CBM master carton	0.015312 m ³
Master carton quantity	1
Master carton gross weight	3 kg
Master carton paper material weight	652 g
Master carton plastic material weight	16 g
Country of Origin	CN
HS Code	9405421000

View on the website: www.shada.nl/p/0240071