

PRODUCT DATASHEET

LED FLOOD LIGHT 50 W 6500 K

LED ECO FLOODLIGHT | LED floodlight luminaires



AREAS OF APPLICATION

- Architectural lighting
- Landscape lighting
- Billboard lighting
- Industrial and storage facilities

PRODUCT BENEFITS

- SMD LED design for high product reliability
- Reduced windage area thanks to slim design
- Frosted cover made of tempered glass for uniform illumination
- Dust and water protection according to IP66

PRODUCT FEATURES

- Color rendering index R_a : > 80
- Luminaire efficacy: up to 110 lm/W
- Die-cast aluminum housing
- Impact resistance: IK06
- Lifetime (L70/B50): up to 50,000 h



TECHNICAL DATA

Electrical data

Nominal wattage	50.00 W
Operating mode	Separated electronic LED Driver
Nominal voltage	85...265 V
Power factor λ	≥ 0.97
Mains frequency	50/60 Hz

Photometrical data

Color temperature	6500 K
Luminous flux	3800 lm
Luminous efficacy	Up to 110 lm/W
Standard deviation of color matching	≤ 5 sdcM
Light color (designation)	Daylight
Color rendering index Ra	≥ 80

Light technical data

Beam angle	120 °
------------	-------

Dimensions & weight

Length	280.0 mm
Width	230.0 mm
Depth	45.0 mm
Product weight	1000.00 g
Cable length	300 mm

Colors & materials

Body material	Aluminum
Product color	Black
Housing color	Black
Cover material	Tempered Glass

Temperatures & operating conditions

Ambient temperature range	-10...+70 °C
---------------------------	--------------

Lifespan

Number of switching cycles	30000
Lifespan L70/B50 at 25 °C	50000 h

Additional product data

Mounting type	Surface
Mounting location	All surfaces / Wall

Capabilities

Dimmable	No
LED module replaceable	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK06
Protection class	I
Type of protection	IP66

Logistical data

Temperature range at storage	-30...+70 °C
-------------------------------------	--------------

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight
TST-TGS018-50W	1	280 mm x 45mm x 230 mm	1850.00 g
Folding carton box	Shipping carton box 5		

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.