

# PRODUCT DATASHEET

## LED FLOOD LIGHT 100 W

### 6500 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	100.00 W
Operating mode	Separated electronic LED Driver
Nominal voltage	85...265 V
Power factor $\lambda$	$\geq 0.97$
Mains frequency	50/60 Hz

## Photometrical data

Color temperature	6500 K
Luminous flux	11000 lm
Luminous efficacy	Up to 110 lm/W
Standard deviation of color matching	$\leq 5$ sdcM
Light color (designation)	Daylight
Color rendering index Ra	$\geq 80$

## Light technical data

Beam angle	120 °
------------	-------

## Dimensions &amp; weight

Length	285.0 mm
Width	285.0 mm
Depth	90.0 mm
Product weight	1800.00 g
Cable length	300 mm

## Colors &amp; materials

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

## Temperatures &amp; 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

<b>Mounting type</b>	Surface
<b>Mounting location</b>	All surfaces / Wall

### Capabilities

<b>Dimmable</b>	No
<b>LED module replaceable</b>	Not replaceable

### Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK06
<b>Protection class</b>	I
<b>Type of protection</b>	IP66

### Logistical data

<b>Temperature range at storage</b>	-30...+70 °C
-------------------------------------	--------------

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)
TST-TGS022-100W	1	310 mm x 80 mm x 295 mm
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.