

# LED MODULE 6x2

LED Module 50 W ref: 00CLMOD50W12\*\*K\*1



## LED MODULE 50 W 6x2

High performance LED module to indoor and outdoor applications.

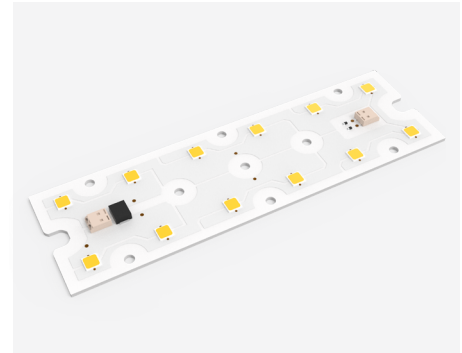
Designed to comply with Zhaga Book 19.

Transient voltage suppression diode.

NTC resistance for thermal control.

Quick connectors to easy wiring.

Mounting with M3 screws.



## ELECTRICAL

Max. Forward Voltage @max. Load	48 V
Basic insulation	1 LED module 48 V DC
Reinforced insulation	4 LED module (Serial) 192 V DC
Forward current @max. Load	1050 mA
Power consumption	50 W
ESD classification	Class II (LED)

## PHOTOMETRIC AND COLORIMETRIC

LED quantity	12
LED efficacy	170 lm / W
Color temperature	2200 K (00CLMOD50W1222K*1) 2700 K (00CLMOD50W1227K*1) 3000 K (00CLMOD50W1230K*1) 4000 K (00CLMOD50W1240K*1) Others CCT on request
Color Rendering Index	> 70 / > 80 (optional)
Initial chromaticity	SDCM < 5
Lumen maintenance L 70	> 100000 h
Beam angle	120 °

## PROTECTION

Over temperature	NTC thermistor to protect LED Lighting System from overheating
Over voltage	Transient voltage suppression diode to protect LED module

## ENVIRONMENT

Operating temperature	-20 °C - 60 °C
Tc	85 °C
Operating humidity	5% - 90% RH
Storage temperature and humidity	-40 °C - 85 °C / 5% - 90% RH

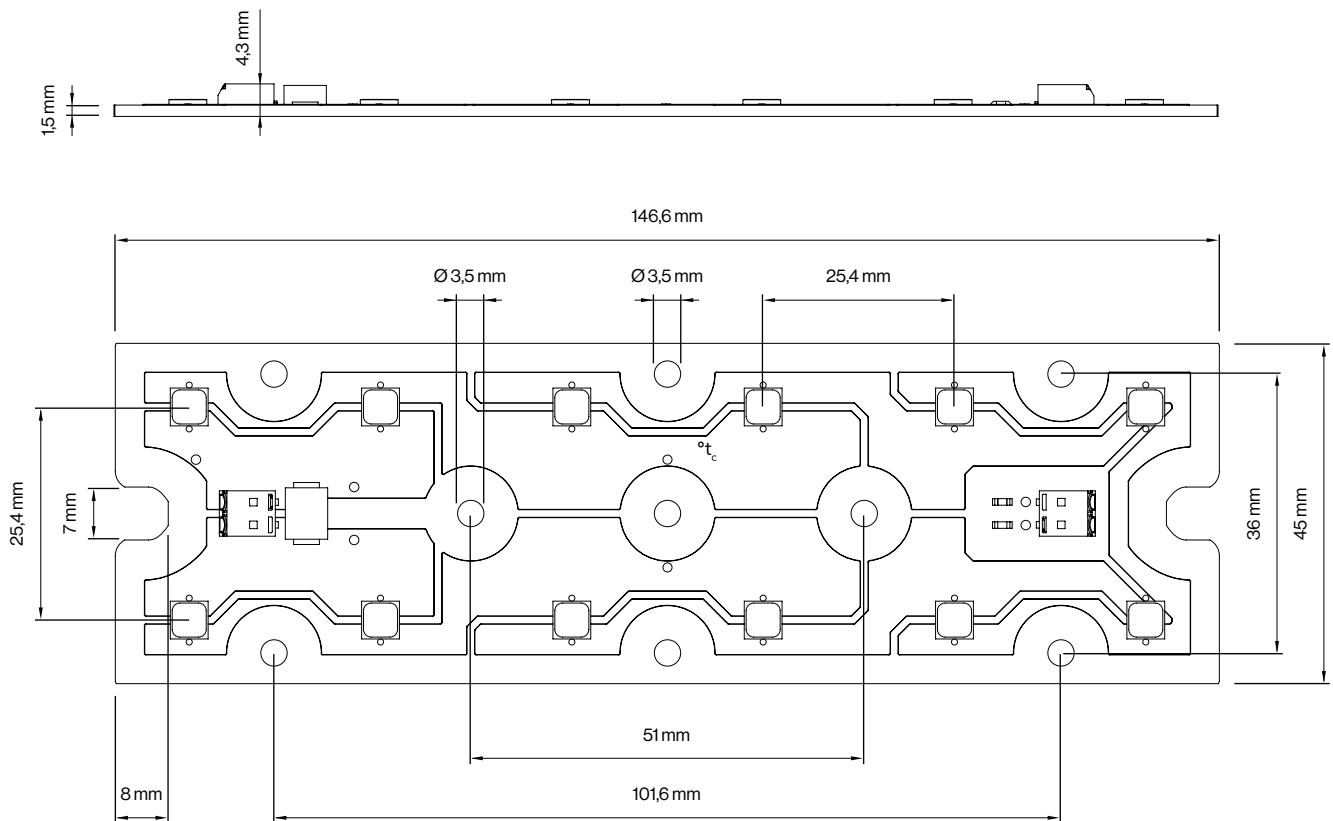
## SAFETY

Safety Standard	EN 62031, EN 62471, IEC TR 62778
Others	Zhaga Book 19

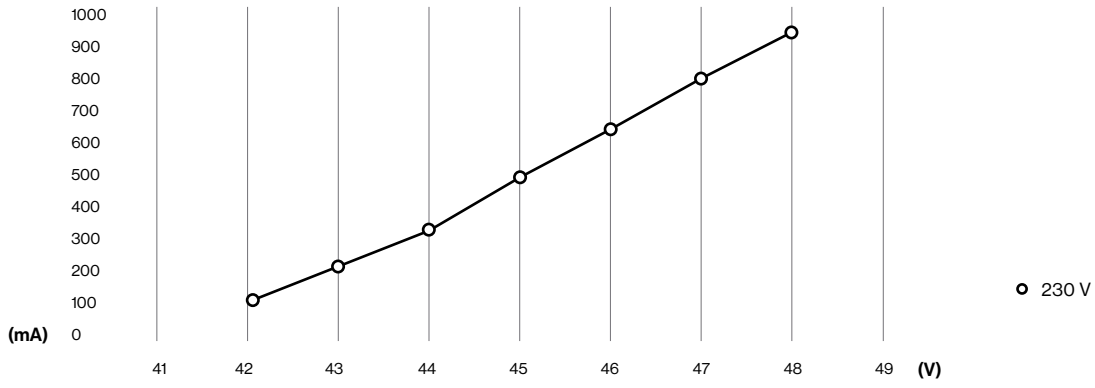
## OTHERS

Dimension	1,5 x 45 x 156 mm
Weight	27,4 g

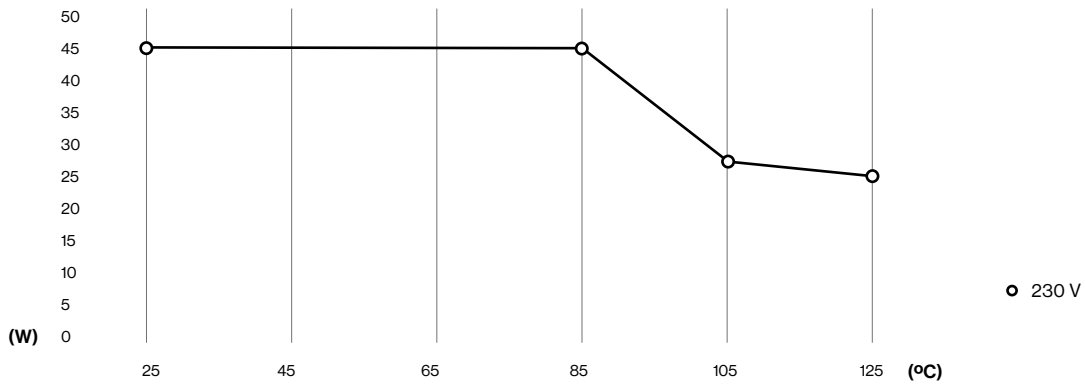
## DIMENSIONS



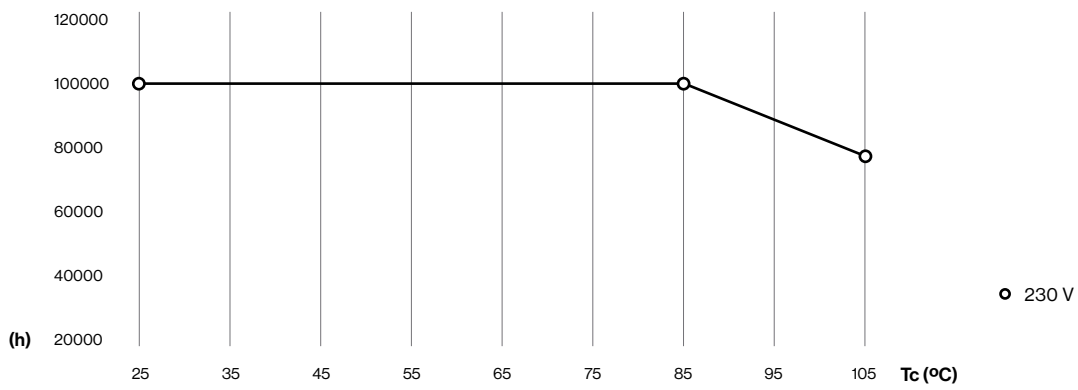
## VOLTAGE VS CURRENT CURVE



## NTC TEMPERATURE VS MODULE POWER



## LUMEN MAINTENANCE



The product specifications may vary without prior notice.