

MK5050-2X4-8S1P-L121R4W49R5-24V-15548

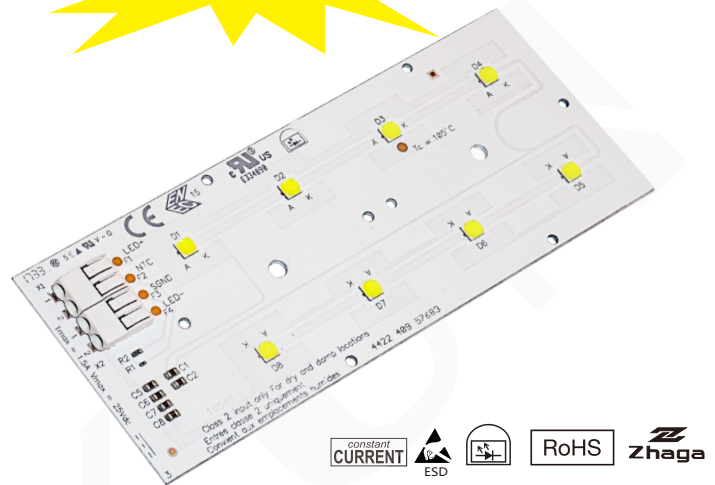
LED Street and Outdoor lighting modules with optics

These LED modules are suitable for standard compliant street lighting, paths and squares in accordance with EN 13201. These modules are designed for built-in into luminaire casings. They enable a modular luminaire design. The modules dimensions aligned with Zhaga book 15, Compatible with third party optics, e.g. from DARKOO.



Technical data

- Dimensions: 121 x 49.5 mm
- On-board push-in terminals (WAGO 2060)
- Allowed operating temperature at tc point: -30 to 85 °C (> 1050 mA)
- Use of external LED constant-current drivers
- Efficiency up to 156 lm/W
- Colour rendering index Ra: > 70
- Colour accuracy initially: 5 SDCM; after 50,000 hrs. operating time: 7 SDCM
- Lumen maintenance L80/B10: 50,000 hrs. (If 1050 mA)



Specific technical data

Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficiency of the module at tp = 25 °C	Efficiency of the module at tp = 65 °C
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Outdoor-Z LED-module – L121.4W49.5H8

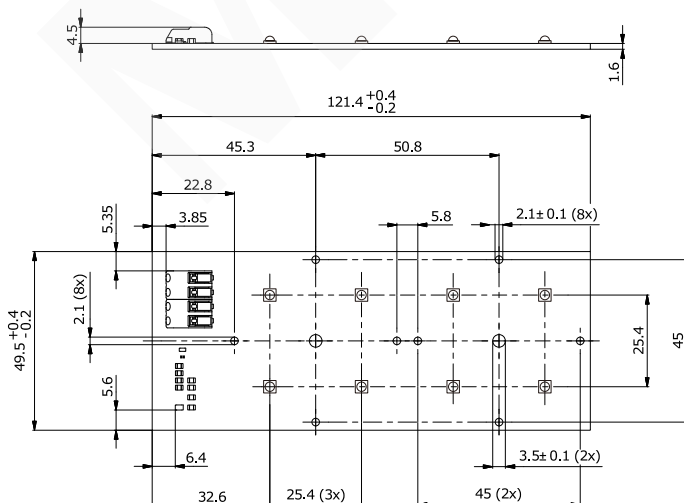
MK5050-15548	1,414Lm	1,360Lm	5,700K	>70	21.6V	24.8V	350	7.6W	1500	186Lm/W	179Lm/W
	1,969Lm	1,892Lm					500	11.1W		179Lm/W	172Lm/W
	2,550Lm	2,445Lm					700	15.8W		170Lm/W	163Lm/W
	3,768Lm	3,600Lm					1050	24.5W		157Lm/W	150Lm/W
	4,350Lm	4,147Lm					1250	29.7W		150Lm/W	143Lm/W
	4,752Lm	4,521Lm					1400	33.6W		144Lm/W	137Lm/W
5,076Lm	4,824Lm	1500	36.3W	141Lm/W	134Lm/W						

* The values mentioned above represent only statistical variables on account of the complex manufacturing process of light emitting diodes. The values do not necessarily correspond exactly to the actual parameters of every single product which can vary from the typical specification.

** Production tolerance of voltage and power consumption: +10%/-4%; Measuring tolerance of luminous flux: ±7%

*** Measuring tolerance of CRI: ±2 | CRI > 70 on request

DIMENSIONS (All dimensions in mm)



Typical applications

- Installation in luminaires comerciais
- High bay lighting
- Flood and Area lighting
- Urban street lighting
- Road lighting

Website

<http://www.led-module.cn/pro148>

