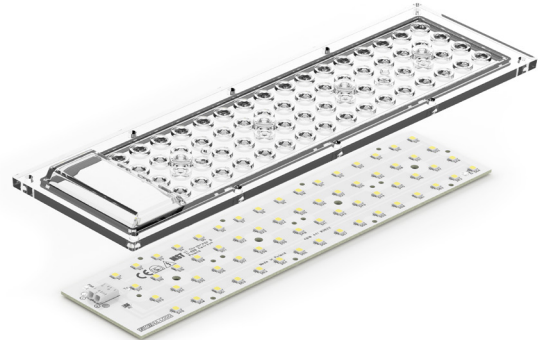


## Rectangular LED modules 223x50mm STRADELLA-IP-64

A rectangular solution for street, area and industrial lighting. Optimized for LEDiL's STRADELLA-IP-64, STRADELLA-16 optics.

### Product description

- Long life-time
- Built-in, constant current LED module
- Re-workable push-in terminals enabling easy connection
- Compliance and approval: CE
- Other CCT and CRI on request



### RecLED CRI 70 CE-30 G6

Product name	Ordering code	Colour temperature [K]	Current nominal If nom [mA]	Luminous flux <sup>1</sup> φ [lm]	Useful luminous flux <sup>2</sup> [lm]	Voltage <sup>1</sup> Vf [V]	Power <sup>1</sup> P [W]	Efficacy <sup>1</sup> [lm/W]	Current minimum If min <sup>3</sup> [mA]	Current maximum If max [mA]	Energy Efficiency Class
RecLED 223x50mm 4200lm 730 4x16 STRADELLA-IP-64 CE-30 G6	1010 147 48046	3000	470	4114	4258	44	20,5	201	40	800	B
RecLED 223x50mm 4200lm 740 4x16 STRADELLA-IP-64 CE-30 G6	1010 147 48146	4000	470	4360	4513	44	20,5	213	40	800	B

<sup>1</sup>At nominal current and T<sub>p</sub>

<sup>2</sup>At nominal current and 25°C

<sup>3</sup>It is recommended not to operate below minimum current in order to avoid un-even brightness

Tolerance range for optical and electrical ±10%

### Temperature & humidity

Specification item	Unit	Value
T <sub>p</sub>	[°C]	75
T <sub>p</sub> rated	[°C]	75
T <sub>c</sub>	[°C]	95
Relative humidity (non-condensing)	[%]	5 ... 85
Storage ambient temperature	[°C]	-25 ... +85
Storage relative humidity (non-condensing)	[%]	5 ... 85

T<sub>p</sub> - Temperature related to the performance parameters of the LED modules

T<sub>p</sub> rated - Maximum operating temperature to which the rated performance characteristics are declared

T<sub>c</sub> - Highest permissible value for safe operation

### Technical data

Specification item	Unit	Value
Classification acc. to IEC 62031		built-in
Working voltage	[Vdc]	400
Beam angle	[deg]	120
Initial color consistency	[SDCM]	3
Photobiological safety		RG1 unlimited

### Color coordinates

According to CIE 1931

Specification item	CIE <sub>x</sub>	CIE <sub>y</sub>
3000K	0.4338	0.4030
4000K	0.3818	0.3797

## Rectangular LED modules 223x50mm STRADELLA-IP-64

### Certificates & standards

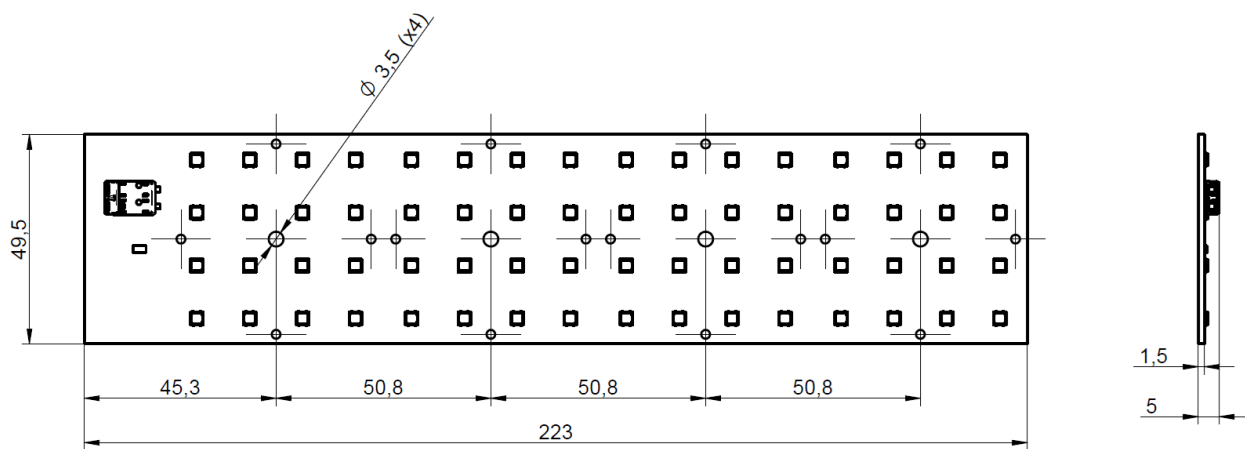
Specification item	Compliant
ENEC	No
CE	Yes
RoHS	Yes
REACH	Yes
Zhaga	No
IP rating	No IP rating

### Lumen maintenance

Forward current	Tp temp.	L70 [h]		L80 [h]		L90 [h]	
		B50	B10	B50	B10	B50	B10
If nom	45°C	>72 000	>72 000	>72 000	>72 000	>72 000	42 000
	55°C	>72 000	>72 000	>72 000	>72 000	60 000	41 000
	65°C	>72 000	>72 000	>72 000	>72 000	58 000	38 000
	85°C	>72 000	>72 000	>72 000	>72 000	48 000	32 000
If max	45°C	>72 000	>72 000	>72 000	>72 000	>72 000	38 000
	55°C	>72 000	>72 000	>72 000	>72 000	48 000	37 000
	65°C	>72 000	>72 000	>72 000	>72 000	46 000	35 000
	85°C	>72 000	>72 000	>72 000	>72 000	36 000	29 000

reported data based on LM80 LED data (12 000h)

### Dimensions



### Mounting

LED Modules cannot be exposed to tensile or compressive stresses. For this purpose it is necessary that the modules are assembled to a flat surface by only rounded head screws. Additionally plastic flat washer should be used to ensure creepage distance between screw's head and surface of the pcb. Max. torque for fixing: 0,5Nm.

LED modules are sensitive to electrostatic discharge (ESD). Follow safety regulations according to IEC 61340-5-1.

## Rectangular LED modules 223x50mm STRADELLA-IP-64

### Wiring

Wire cross section and strip length:



D - wire cross section (solid and flexible wires)	Min	Max
	0.2mm <sup>2</sup>	0.75mm <sup>2</sup>
	AWG 24	AWG 18

L - strip length	Min	Max
	8mm	9mm

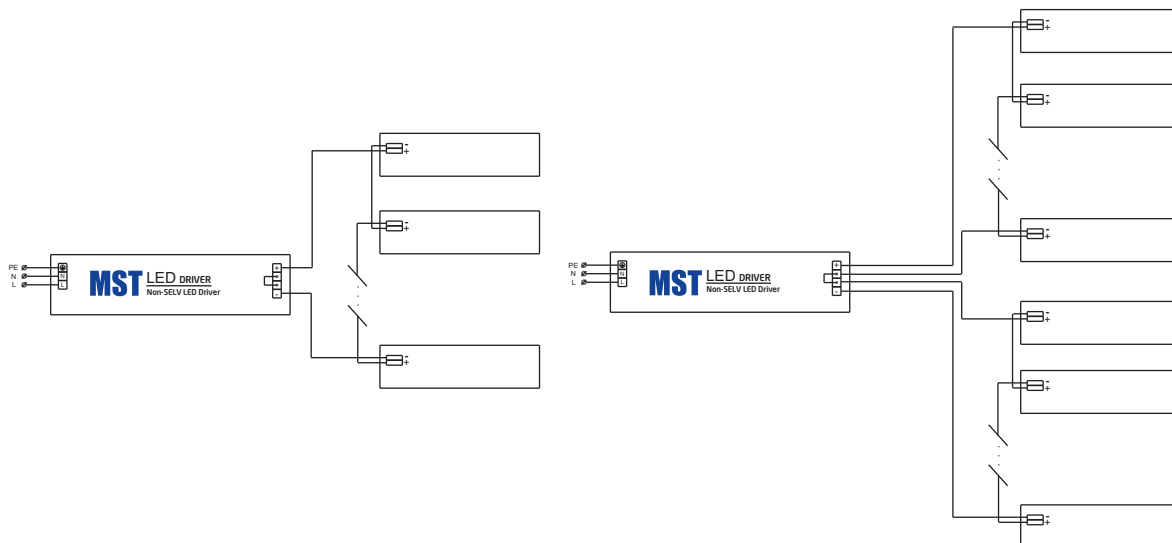
Opening for the release of wires from the top with release pin Electroterminal art. 881 167 884:



### Connections

Max number of modules	Unit	Series	Parallel
RecLED 223x50mm...	[pcs]	9	-

Wiring for series connection system



### Energy Label / EPREL database

To obtain Energy Label for this product visit <https://eprel.ec.europa.eu/> and enter model identifier

Model identifier consists of 10 digits XXXX XXX XXX. It is printed directly on the LED module or on product label. This is the number you can see in EPREL database.

Ordering code consist of 12 digits XXXX XXX XXX46. Additional last two digits means packaging of the product.

### Ordering codes

Product name	Ordering code	Pieces per box	Pieces per pallet	Box dimensions [mm]
RecLED 223x50mm 4200lm 730 4x16 STRADELLA-IP-64 CE-30 G6	1010 147 48046	75	9000	300 x 266 x 83
RecLED 223x50mm 4200lm 740 4x16 STRADELLA-IP-64 CE-30 G6	1010 147 48146	75	9000	300 x 266 x 83