

Outdoor LED modules IP

Certificates & standards

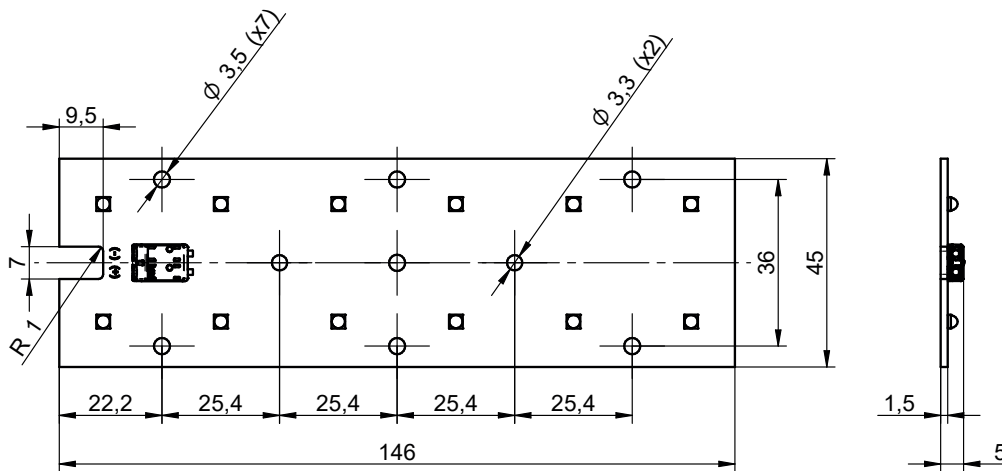
Specification item	Compliant
ENEC	Yes
ENEC+	Yes
CE	Yes
RoHS	Yes
REACH	Yes
IP rating	No IP rating

Lumen maintenance

Forward current	Tp temp.	L70 [h]		L80 [h]		L90 [h]	
		B50	B10	B50	B10	B50	B10
If nom	75°C	>100 000	>100 000	>100 000	>100 000	>100 000	>100 000
	80°C	>100 000	>100 000	>100 000	>100 000	>100 000	>100 000
	85°C	>100 000	>100 000	>100 000	>100 000	>100 000	>100 000
	90°C	>100 000	>100 000	>100 000	>100 000	>100 000	>100 000
	95°C	>100 000	>100 000	>100 000	>100 000	>100 000	>100 000
If max	45°C	>100 000	>100 000	>100 000	>100 000	>100 000	>100 000
	55°C	>100 000	>100 000	>100 000	>100 000	>100 000	>100 000
	65°C	>100 000	>100 000	>100 000	>100 000	82 000	77 000
	75°C	>100 000	>100 000	>100 000	>100 000	58 000	54 000
	85°C	>100 000	>100 000	>100 000	>100 000	41 000	38 000

simulation based on LM80 LED data 10 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.

Protection against electric shock must be provided by the luminaire's enclosure.

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Wiring

Wire cross section and strip length:



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

L - strip length	Min	Max
	8mm	9mm

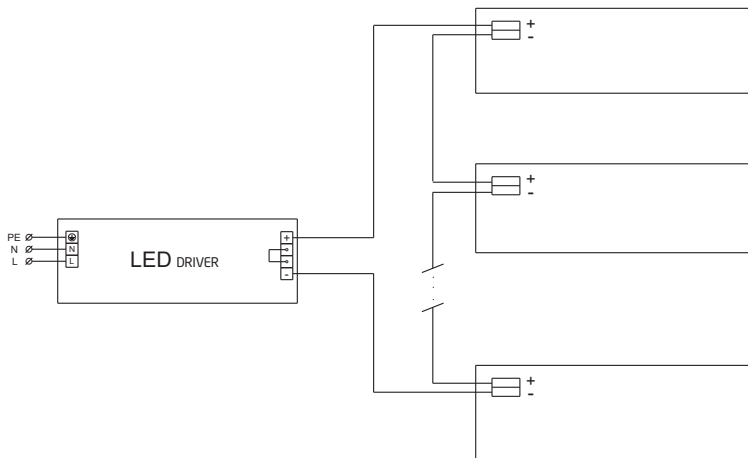
Opening for the release of wires from the top with release pin Electroterminal art. 881 167 884:



Connections

Max number of modules	Unit	Series	Parallel
RecLED 146x45mm 2x6	[pcs]	11	-

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 146x45mm 2900lm 722 2x6 IP Opt G2	1010 127 84946	40	9120	248 x 175 x 66
RecLED 146x45mm 2900lm 727 2x6 IP Opt G2	1010 127 50846	40	9120	248 x 175 x 66
RecLED 146x45mm 2900lm 730 2x6 IP Opt G2	1010 117 74146	40	9120	248 x 175 x 66
RecLED 146x45mm 2900lm 740 2x6 IP Opt G2	1010 117 74246	40	9120	248 x 175 x 66