

Outdoor LED modules

A rectangular solution for outdoor lighting. Compatible with standard 2x2 optics for example LEDiL's STRADA-2x2.

Product description

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



RecLED CRI 70 Opt G2

Product name	Ordering code	Colour temperature [K]	Current nominal If nom [mA]	Luminous flux ¹ Φ [lm]	Useful luminous flux ² [lm]	Voltage Vf [V]	Power ¹ P [W]	Efficacy ¹ [lm/W]	Current minimum If min ³ [mA]	Current maximum If max [mA]	Energy Efficiency Class
RecLED 173x151mm 8700lm 730 6x6 Opt G2	1010 117 91746	3000	500	8574	9238	100	50	172	100	1500	C
RecLED 224x202mm 15200lm 730 8x8 Opt G2	1010 117 92046		500	15243	16423	177	88	172	100	1500	C
RecLED 173x151mm 8700lm 740 6x6 Opt G2	1010 117 91846	4000	500	9086	9789	100	50	183	100	1500	C
RecLED 224x202mm 15200lm 740 8x8 Opt G2	1010 117 92146		500	16153	17403	177	88	183	100	1500	C

¹At nominal current and Tp

²At nominal current and 25°C

³It 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
Tp	[°C]	75
Tp rated	[°C]	75
Tc	[°C]	95
Relative humidity (non-condensing)	[%]	5 ... 85
Storage ambient temperature	[°C]	-25 ... +85
Storage relative humidity (non-condensing)	[%]	5 ... 85

Tp - Temperature related to the performance parameters of the LED modules

Tp rated - Maximum operating temperature to which the rated performance characteristics are declared

Tc - Highest permissible value for safe operation

Technical data

Specification item	Unit	Value
Classification acc. to IEC 62031		built-in
Working voltage	[Vdc]	420
Beam angle	[deg]	120
Initial color consistency	[SDCM]	5
Photobiological safety		RG2 (RG1 at >0.5m distance)

Color coordinates

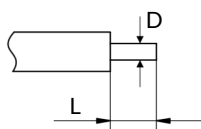
According to CIE 1931

Specification item	CIE _x	CIE _y
2700K	0.4578	0.4101
3000K	0.4338	0.4030
4000K	0.3818	0.3797
6500K	0.3123	0.3282

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Wiring

Wirecrosssection 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

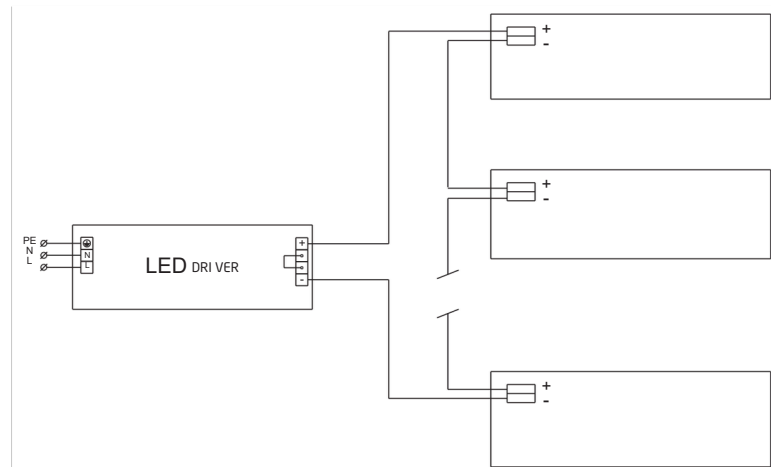
Opening for the release of wires from the top
with release pin Electroterminal art. 881 167 884:



Connections

Max number of modules	Unit	Series	Parallel
RecLED 173x151mm	[pcs]	3	-
6x6 RecLED	[pcs]	2	-
224x202mm 8x8			

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 173x151mm 8700lm 730 6x6 Opt G2	1010 117 91746	40	3360	366 x 366 x 58
RecLED 173x151mm 8700lm 740 6x6 Opt G2	1010 117 91846	40	3360	366 x 366 x 58
RecLED 224x202mm 15200lm 730 8x8 Opt	1010 117 92046	15	2025	238 x 238 x 91
G2 RecLED 224x202mm 15200lm 740 8x8 Opt G2	1010 117 92146	15	2025	238 x 238 x 91