epiLED

LED Module

Tini

compact and powerful trio

LED Module

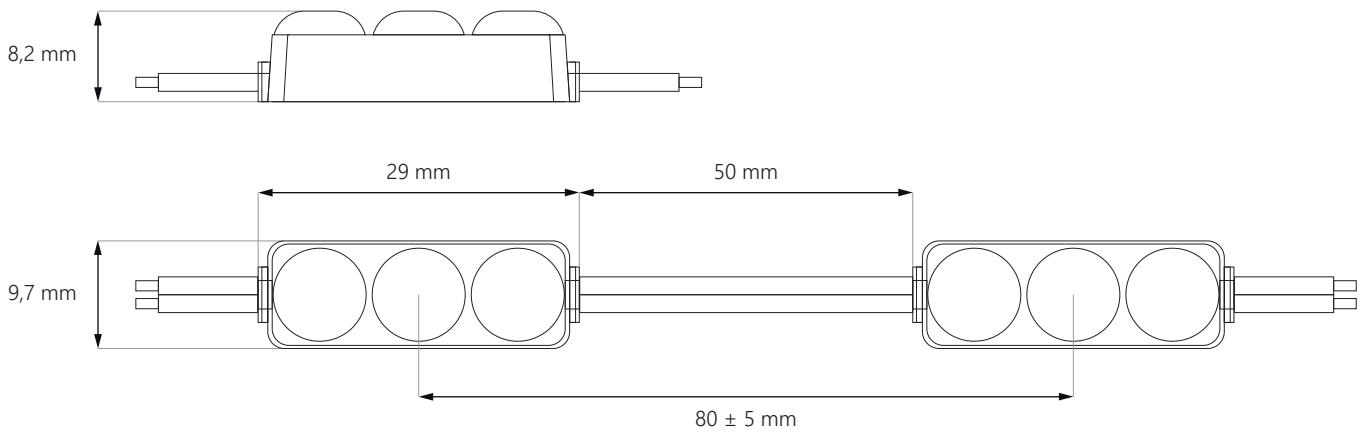
Tini

3-9 cm
channel letters

0.36W PW / WH | 0.48W GR | 160° | IP65 | 5 YEAR warranty | PWM | 12V DC

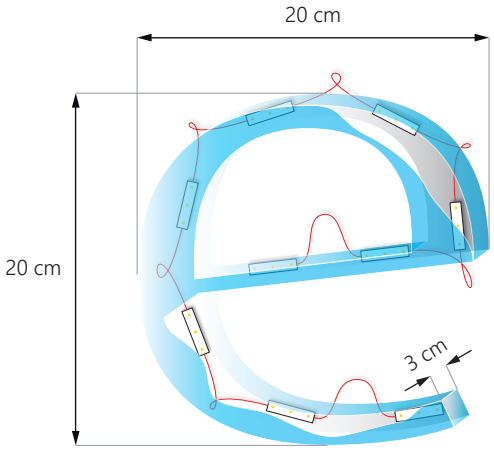
- **up to 173 lm/W** luminous efficacy
- **energy efficient**
- **small** size
- for **small and narrow** applications
- **indoor / outdoor** use
- chain of: **30 pcs (PW / WH), 50 pcs (GR)**

DIMENSIONS

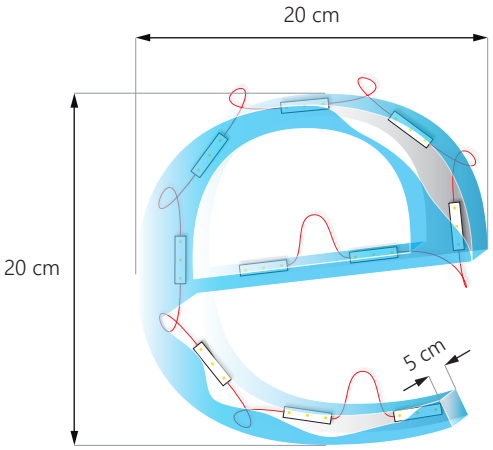


APPLICATION

best suited for channel letters with a depth of **3-9 cm**



Area: **0.04 m²**
No. of modules: **9 pcs**
Lumen output: **581 lm** (PW) **| 604 lm** (WH) **| 270 lm** (GR)
Power usage: **3.24W** (PW/ WH) **| 4.32W** (GR)



Area: **0.04 m²**
No. of modules: **10 pcs**
Lumen output: **646 lm** (PW) **| 671 lm** (WH) **| 300 lm** (GR)
Power usage: **3.6W** (PW/ WH) **| 4.8W** (GR)

the exact number of modules depends on the used materials and the effect we want to achieve

TECHNICAL SPECIFICATION

Input voltage	12V DC
Nominal power usage per module	0.36W [PW / WH] | 0.48W [GR]
Nominal power usage per chain	10.8W [PW / WH] | 24W [GR]

Colour rendering index	≥82
Beam angle	160°
Current stabilization	NO
Dimmable	YES

Module dimensions (L x W x H)	29 x 9.7 x 8.2 mm
Cable length	50 ± 1 mm
Maximum spacing (CC distance)	80 ± 5 mm
Chain length	2.4 m [PW / WH] | 4 m [GR]
No. of modules in the chain	30 pcs [PW / WH] | 50 pcs [GR]
No. of modules in 1 m	12.5 pcs

Lifespan	~50000 hours
Operating temperature	-25°C ÷ +55°C
Storage temperature	-40°C ÷ +65°C
IP rating	IP65
Compliance with	CE / UKCA / RoHS / WEEE / UL
Warranty	5 years

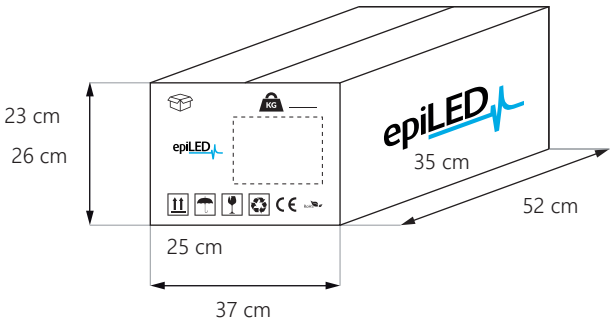
POSSIBLE COLOURS

Light colour	CCT [K]	Luminous flux [lm/pc]	Luminous efficacy [lm/W]	Energy class
PW	4800-5200	64.6	173.74	C
WH	6500-7000	67.1	180	C
GR	-	30	62.5	-

ask our sales team for details of available colours

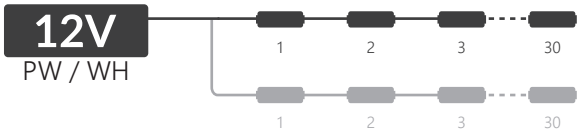
PACKING INFORMATION

	Chain	Bag	Box
Quantity	30 pcs [PW / WH] | 50 pcs [GR]	390 pcs [PW / WH] | 200 pcs [GR]	3900 pcs
Gross weight	0.1125 kg [PW / WH] | 0.1875 kg [GR]	1.48 kg [PW / WH] | 0.75 kg [GR]	14.8 kg

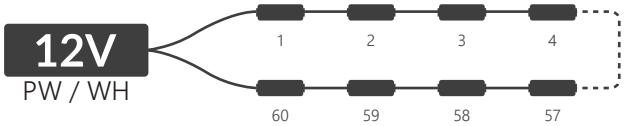


CONNECTION DIAGRAM

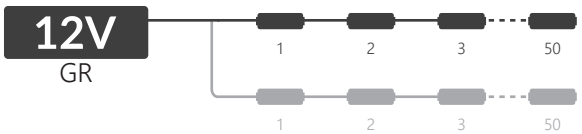
single-sided power input: **max. 30 pcs**



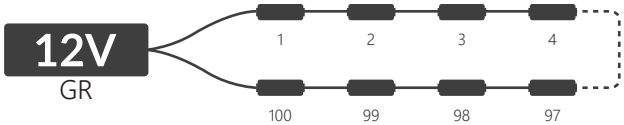
double-sided power input: **max. 60 pcs**



single-sided power input: **50 pcs**



double-sided power input: **max. 100 pcs**



TERMS AND CONDITIONS OF USE

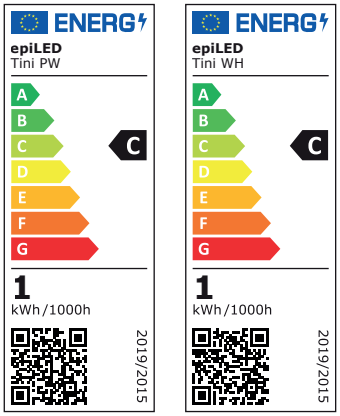
1. Before installing the LED module, discharge any static electricity from your body and clothing by touching a grounded metal surface. LEDs are sensitive to electrostatic discharge (ESD).
2. Verify that the LED module works correctly before installation. Check its colour and uniformity of light.
4. Power the LED module according to the data sheet and the information on the label. Pay close attention to the connection diagram provided in this document.
5. The distance between the LED module and the power supply should be kept to a minimum (to reduce voltage drop).
6. The power supply used in the installation should have at least a 20% power reserve.
7. For increased durability, in addition to double-sided adhesive tape, use mounting glue or M3 screws to attach the LED module.
8. When connecting the controller / power supply, ensure proper polarity.
9. **Non-compliance with the above recommendations will result in loss of warranty.**

DOWNLOAD

LED Module installation guide
https://www.epiled.pl/download/led-module-installation-guide.pdf

EU Declaration of Conformity
https://www.epiled.pl/download/deklaracje/eu-declaration-of-conformity-led-modules.pdf

EPREL



STANDARDS COMPLIANCE

PN-EN IEC 55015:2019-11/A11:2020-07
PN-EN IEC 61000-3-2:2019-0
PN-EN 61000-3-3:2013-10
PN-EN 61547:2009
PN-EN 62031:2020
PN-EN 62471:2008
PN-EN 62321:2019
EN IEC 63000:2019-01

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ul. Stanisławowska 27, 54-611 Wrocław ● Poland ● info@epiLED.pl ● www.epiLED.pl