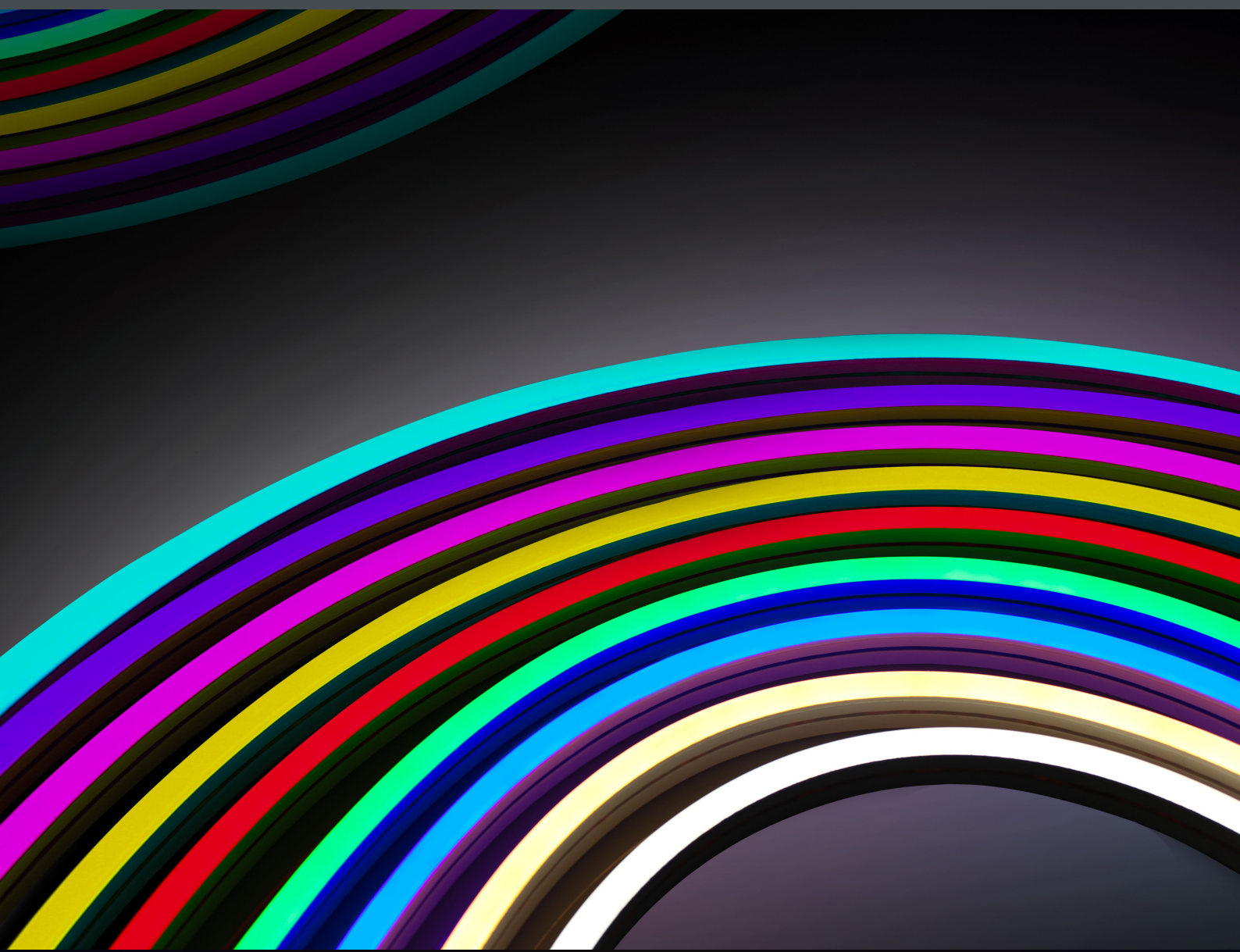


MiNeon[®] Classic II

SIGNAGE - Letters and logos

D6



3 YEARS
20.000hrs
L70

The economic ultra-thin LED solution to follow the contours of your indoor logos and signs

- 6mm diameter, optional 1LED or 3LED cutting
- Choose between 3 whites and 7 different colors

LEDIT YAKI - LeLighthouse
3 allée des Vignes
91160 Champlan - France
www.yaki.com
info@yaki.com

LEDIT YAKI
Rm 2107-2108, Guangzhou Exchange Square
No.268 DongFengZhong Rd
Guangzhou, Guangdong, 510030 CHINA
www.ledit-yaki.com
sales@leditinternational.com



MiNeon® Classic II

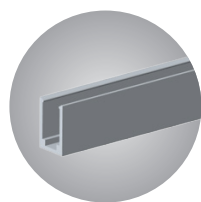
SIGNAGE - Letters and logos

D6



MiNeon® Classic II D6

3 YEARS
20.000hrs
L70



Installation profile



IP67



MAX. 5M
IN SERIES
(SINGLE-ENDED
INPUT)



CUTTABLE EVERY
1LED/8,33MM



24V



120 LED./ML



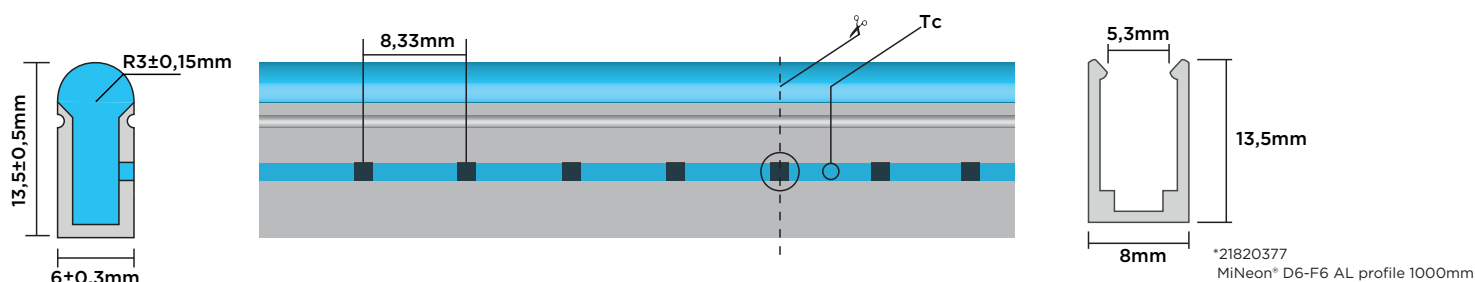
-40/+50°C

TECHNICAL DATA

Code	Designation	Color Temperature / Wavelength	Typical power (W/m)	Cutting unit (mm/in)
21820562	MiNeon Classic II D6 WDL L120 8,3mm 24V 5000mm milky white	○ WDL 5500-6500K	9,6	8,33/0,3"
21820563	MiNeon Classic II D6 NW L120 8,3mm 24V 5000mm milky white	○ NW 3500-4000K	9,6	8,33/0,3"
21820564	MiNeon Classic II D6 WW L120 8,3mm 24V 5000mm milky white	○ WW 2400-3000K	9,6	8,33/0,3"
21820565	MiNeon Classic II D6 R L120 8,3mm 24V 5000mm	● R 620-630nm	9,6	8,33/0,3"
21820566	MiNeon Classic II D6 G L120 8,3mm 24V 5000mm	● G 520-530nm	9,6	8,33/0,3"
21820567	MiNeon Classic II D6 B L120 8,3mm 24V 5000mm	● B 450-460nm	9,6	8,33/0,3"
21820568	MiNeon Classic II D6 Y L120 8,3mm 24V 5000mm	● Y 575-585nm	9,6	8,33/0,3"
21820569	MiNeon Classic II D6 P L120 8,3mm 24V 5000mm	● P 1400-1600K	9,6	8,33/0,3"
21820570	MiNeon Classic II D6 Purple L120 8,3mm 24V 5000mm	● Purple 375-385nm	9,6	8,33/0,3"
21820571	MiNeon Classic II D6 Iceblue L120 8,3mm 24V 5000mm	● Iceblue 480-490nm	9,6	8,33/0,3"
21820572	MiNeon Classic II D6 WDL L120 8,3mm 24V 20000mm milky white	○ WDL 5500-6500K	9,6	8,33/0,3"
21820573	MiNeon Classic II D6 NW L120 8,3mm 24V 20000mm milky white	○ NW 3500-4000K	9,6	8,33/0,3"
21820574	MiNeon Classic II D6 WW L120 8,3mm 24V 20000mm milky white	○ WW 2400-3000K	9,6	8,33/0,3"
21820575	MiNeon Classic II D6 R L120 8,3mm 24V 10000mm	● R 620-630nm	9,6	8,33/0,3"
21820576	MiNeon Classic II D6 G L120 8,3mm 24V 10000mm	● G 520-530nm	9,6	8,33/0,3"
21820577	MiNeon Classic II D6 B L120 8,3mm 24V 10000mm	● B 450-460nm	9,6	8,33/0,3"
21820578	MiNeon Classic II D6 Y L120 8,3mm 24V 10000mm	● Y 575-585nm	9,6	8,33/0,3"
21820579	MiNeon Classic II D6 P L120 8,3mm 24V 10000mm	● P 1400-1600K	9,6	8,33/0,3"
21820580	MiNeon Classic II D6 Purple L120 8,3mm 24V 10000mm	● Purple 375-385nm	9,6	8,33/0,3"
21820581	MiNeon Classic II D6 Iceblue L120 8,3mm 24V 10000mm	● Iceblue 480-490nm	9,6	8,33/0,3"

*This reference has 1-year warranty.

DIMENSIONS



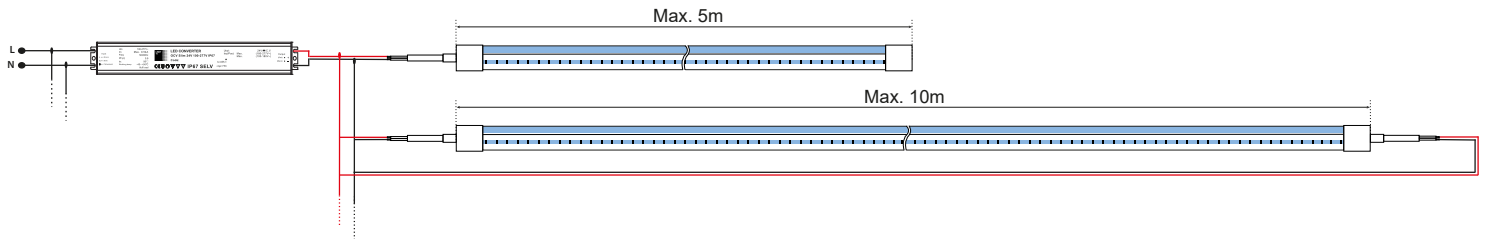
*21820377
MiNeon® D6-F6 AL profile 1000mm

ACCESSORIES

Code	Designation	
21820413	MiNeon D6 End cap Set (no wire) x10	*
21820376	MiNeon D6-F6 AL Mounting clip 20mm x20	
21820377	MiNeon D6-F6 AL profile 1000mm	
21820411	MiNeon PCB connector 100mm x20	
21820441	MiNeon D6 Front End cap (no wire, for 6x13,5mm) x10	
21820444	MiNeon D6 End cap (no wire, for 6x13,5mm) x10	
21820443	MiNeon D6 Bottom End cap (no wire, for 6x13,5mm) x10	*
21820442	MiNeon D6 Side End cap (no wire, for 6x13,5mm) x10	*
21820397	MiNeon Cable 0.2mm ² anti UV transparent 100m	

* This code is for optional item.

WIRING DIAGRAM



INSTALLATION CAUTION

Minimum bending diameter : 25 mm

Neat and smooth cut in a straight angle

Do not bend at 90°

No embossing, no recessing operation

Cutting marks can be seen through the tape light

Do not wring or twist

Do not repeatedly bend This will damage the circuit

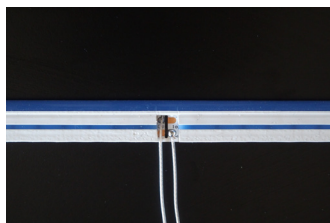
WIRING EXAMPLE WITH MINEON® CLASSIC II D6



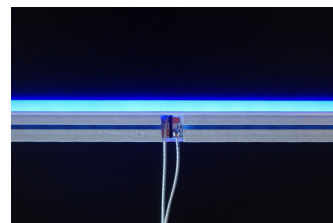
1. Cut the silicon without cutting the PCB and remove it



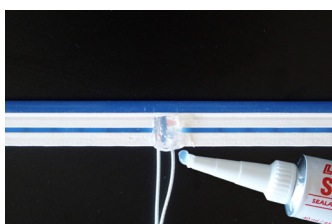
2. Clean and prepare the soldering pads



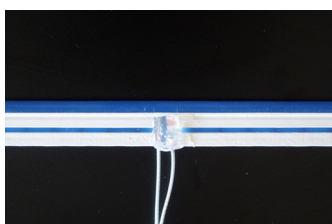
3. Solder the wire



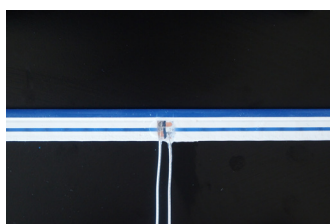
4. Test



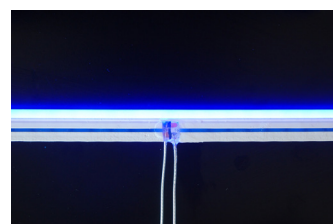
5. Put resin



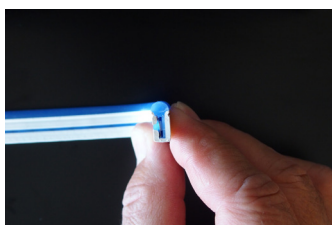
6. Let it dry



7. Your MiNeon® is ready to be installed and used



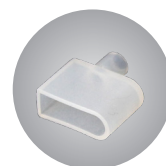
END PROTECTION WITH MINEON® CLASSIC II D6



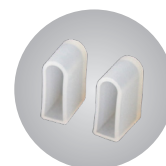
+



+



21820441



21820444

After modification, remember to protect the ends of the MiNeon® with silicone resin and silicone end caps.

FAILURE RATE

Our LED system has a max failure rate of 0.2% per 1000 operating hours.

NORMS & CERTIFICATES

- ▶ EN 55015:2013+A1:2015
- ▶ EN 61547:2009



WARRANTY

This product requires a careful handling and manipulation. Also the cutting and connections need to be made carefully to keep the water ingress protection. Warranty does not cover any failures that are due to improper manipulation and excessive bending of the product or its installation. Please contact us for any doubt before working with the product.

INSTALLATION

- ▶ Always connect the LED product to the power supply while it is OFF. Only then you can connect the power supply to electricity and turn it ON.
- ▶ Respect the maximum length in a row.
- ▶ Check compatibility between LED product and driver voltage.
- ▶ Install LED on a clean work station connected to the earth. All LEDs are sensitive to static electricity (ESD).
- ▶ Limit the cable length between LED and power supply (voltage drop).

THERMAL BEHAVIOUR

The temperature limits indicated below are expressed in °C, at full load, after 3h of operation conditions, with natural convection:

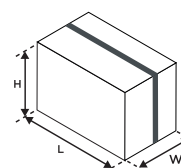
- ▶ Operation temperature T_a -40°C to +50°C
- ▶ Storage temperature T_s -40°C to +80°C
- ▶ Max. temperature T_c +80°C

The life of the product will decrease when the maximum temperature limits are exceeded.

Operating for a continuous extended time at temperatures exceeding the maximum limits, the LED system can fail and our warranty will be void.

PACKAGING

Type	SIZE - LxWxH (cm)	SIZE - LxWxH (ft)	Weight (kg)	Weight (lb)	Units (roll)
MiNeon Classic II D6 5m	33 x 26 x 27	1 x 0,8 x 0,9	9	19,8	15
MiNeon® Classic II D6 10m	41 x 23 x 38	1,3 x 0,8 x 1,2	11	24,2	10
MiNeon® Classic II D6 20m	33 x 26 x 27	1 x 0,8 x 0,9	8	17,6	4



(When the min and max values are not indicated, the tolerance range for optical and electrical data is ±15 %, the tolerance range for total length is ±1 %)