

Glow+ Underwater LED Strip

FLEXIBLE IP68 LINEAR LIGHTING

For pools and water features



 **Emaux**
water technology

Pool & Spa Equipment

www.emauxgroup.com

Product Features

Aesthetic underwater lighting effect

Glow+ is an extendable and top view flexible LED strip for creating underwater profile lighting. The flexible linear design fits to any shapes or sizes of pools that have straight or curved profiles. Its completely waterproof feature enables it to be widely used in swimming pool, spa, and water features.

Main Features

- Lengths of up to 20m minimize the number of required connections.
- Its waterproof and UV, saltwater, flame, solvents and dirt resistant characteristics provide a long, maintenance-free life.
- Waterproof accessories allow safe and easy installation and connection.
- Certificated LM-80 and ANSI C78.377 LED lighting standards and IK08 for external impact resistance.
- Available in range of white CCT intensity from 2700K-6500K for ambient matching.
- 120-degree beam angle. Flat rectangular diffuser surface provides a smooth profile.
- Manual or Wireless remote dimmer is available for adjusting lighting effects.



Material

Modified PVC

Working Voltage

24VDC

Rated Power/M

10W per meter

Color intensity option

6500K/5700K/5000K/

4500K/4000K/3500K/

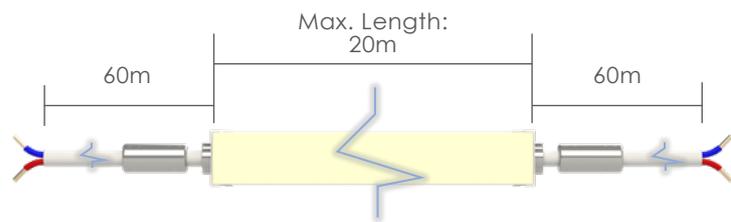
3000K/2700K

Light strip bending radius

12cm

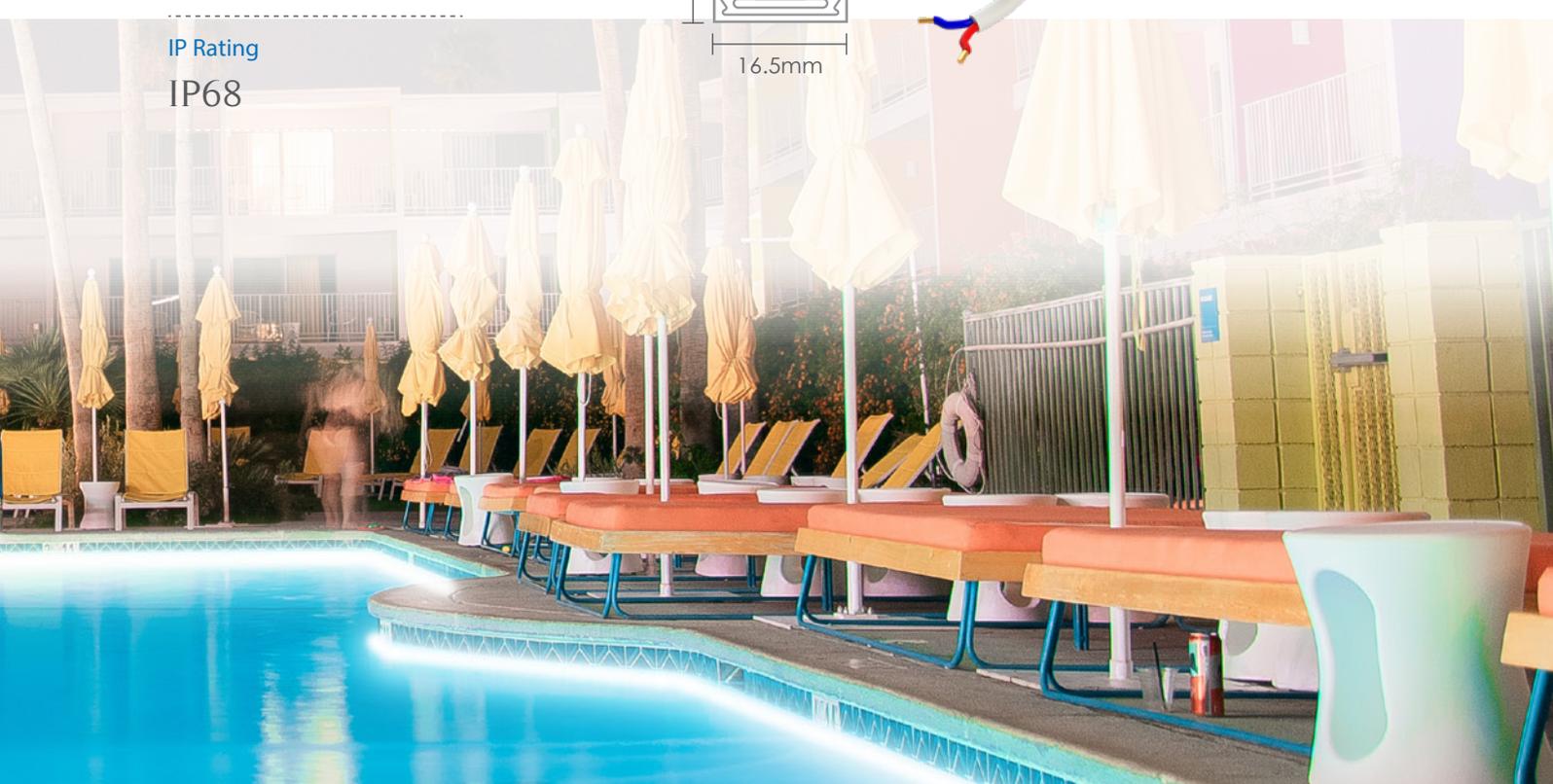
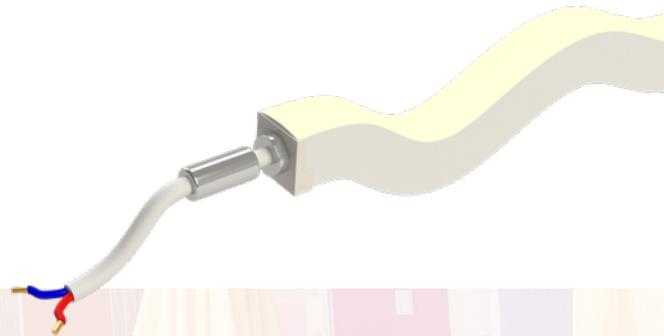
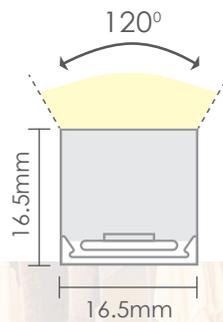
IP Rating

IP68



RoHS

Ansi
C78.377



Product Features

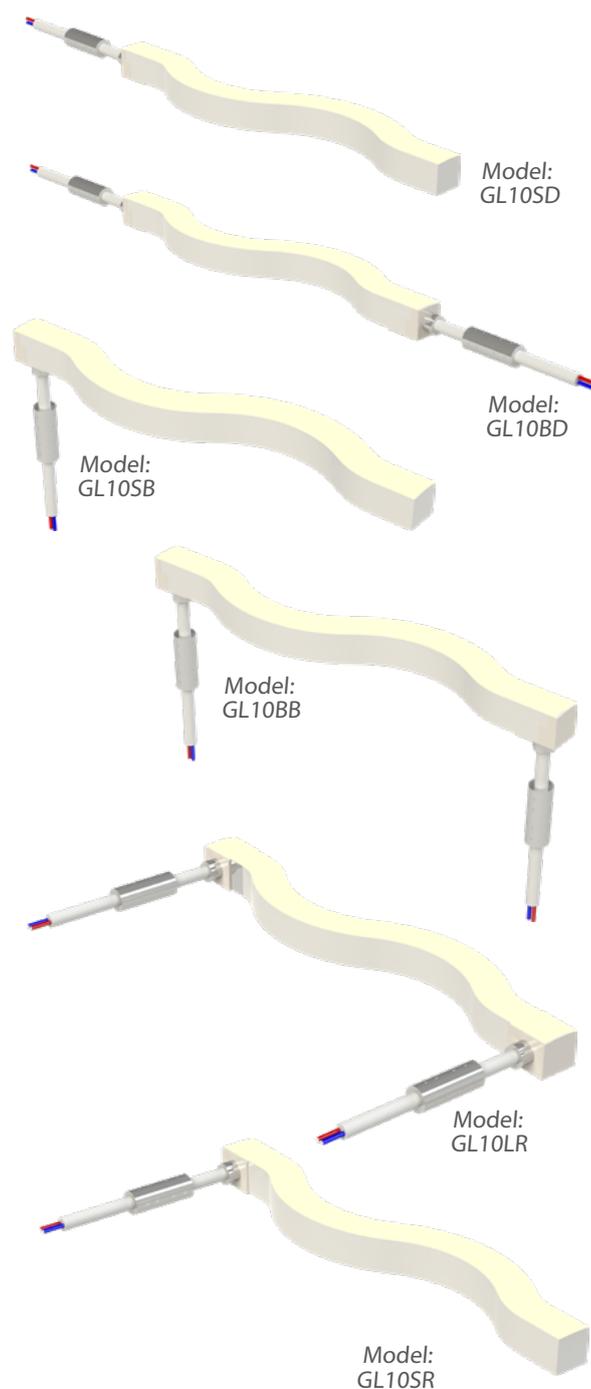
Glow+ LED Element:

Code	Model	Description
9042915	GL10	White LED Strip 0.5m - max. 20m length, Color intensity 2700 - 6500K

LED STRIP (10M LENGTH) ORDER CONFIGURATION

Code	Model	Description
9042901	GL10SR	Power connector side right (For 0.5-10m LED Strip)
9042903	GL10SL	Power connector side left (For 0.5-10m LED Strip)
9042905	GL10LR	Power connector side both (For 10.5-20m LED Strip)
9042907	GL10SD	Power connector side direct (For 0.5-10m LED Strip)
9042909	GL10BD	Power connector side both direct (For 10.5-20m LED Strip)
9042911	GL10SB	Power connector side bottom (For 0.5-10m LED Strip)
9042913	GL10BB	Power connector side both bottom (For 10.5-20m LED Strip)

Code example: 9042915 (5m length, 3000K) + 9042901 = 5m LED strip 3000K with power connector side right.



Recommended Dimmer And Power Supply:

24V DC power supply provides LED strip power source and dimmer with remote control to adjust the brightness of the strip.

Code	Model	Description
40501088	Dimmer Controller	LED Dimmer with remote
50903018	Power Supply HLG 240H 24	24V, 240W, 100-240V AC 50/60pHz input voltage, IP67 (For 0.5-20m LED Strip)
50903019	Power Supply HLG 120H 24	24V, 120W, 100-240V AC 50/60Hz input voltage, IP67 (For 0.5-10m LED Strip)



Mounting Accessories:

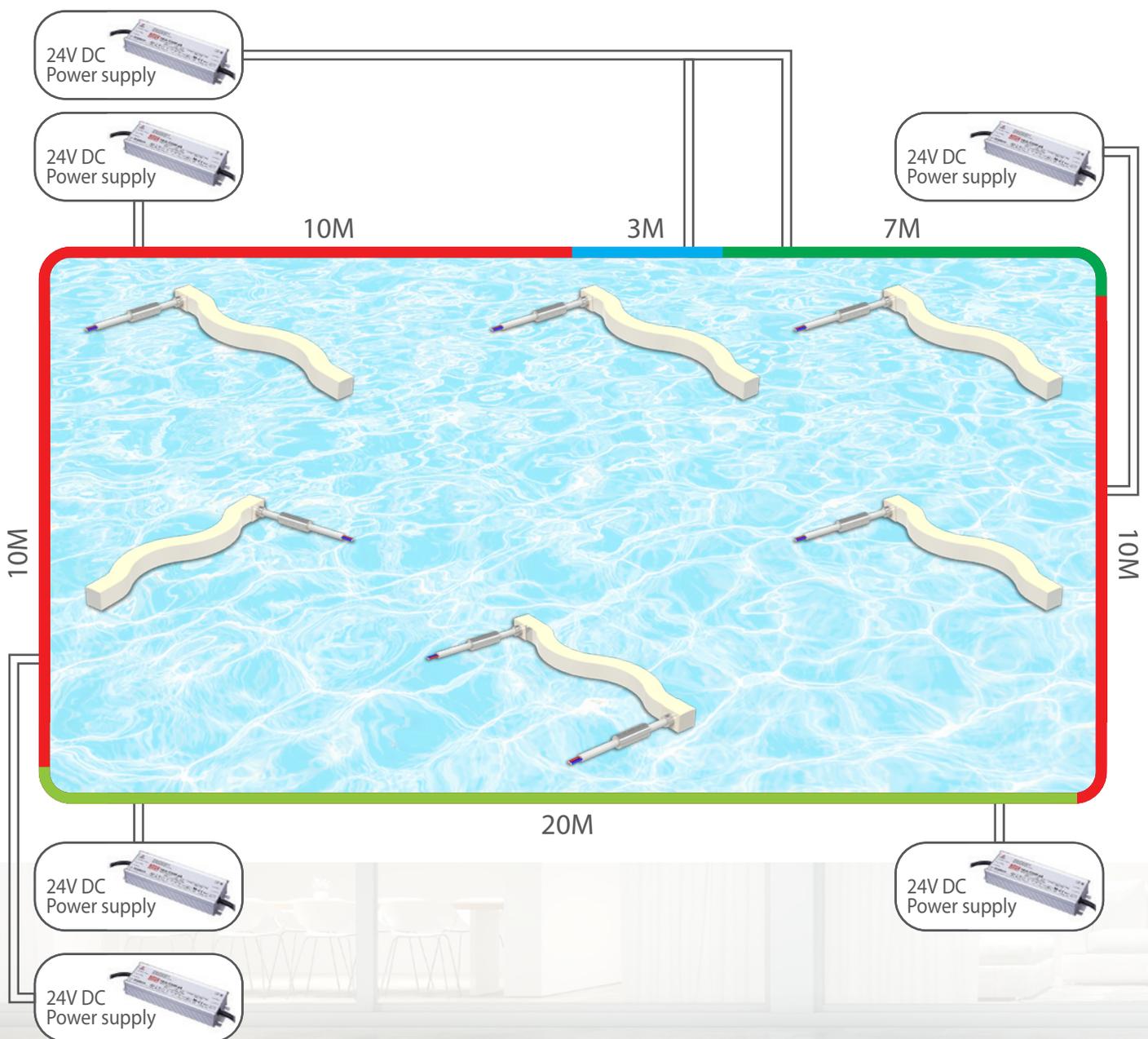
2 available lengths of plastic mounting clips for light strip installation and one stainless steel clip for corner reinforcement.

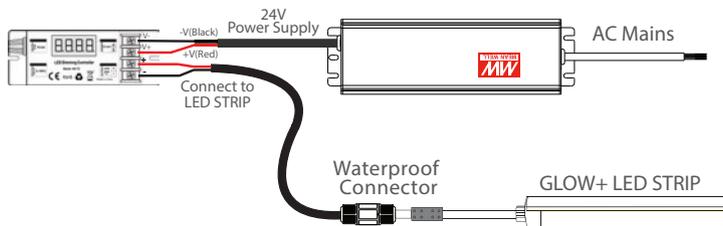
Code	Model	Description	Photo
51110006	GLPMC	Plastic Mounting Clips Transparent 35mm	
51110007	GLPMC1M	Plastic Mounting Channel Transparent 1m	
51110008	GLSMC	Stainless steel Mounting Clip 5cm	
10519001	GLDIYSC	DIY End Connector Kit	



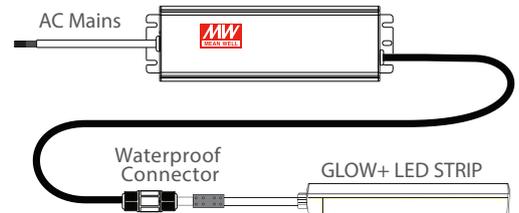
Product Features

Typical design for a regular 10x20m rectangular pool for 3000K lighting intensity.





With Dimmer wiring diagram

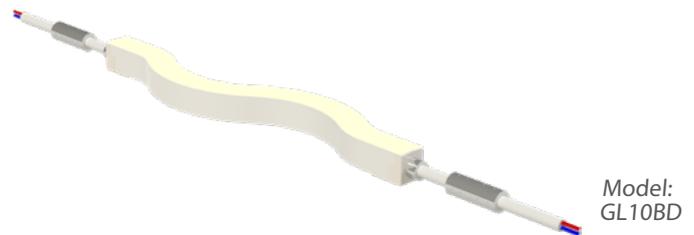
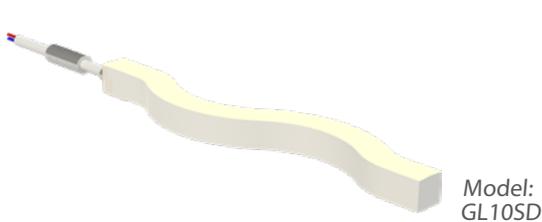


With 24V DC wiring diagram

Order details for Side Connectors Strips:

Code	Description	length (m)	Quantity
9042915 + 9042901	GL10, 10m, intensity 3000K, GL10SR connector side right	10	2
9042915 + 9042901	GL10, 3m, intensity 3000K, GL10SR connector side right	3	1
9042915 + 9042901	GL10, 7m, intensity 3000K, GL10SR connector side right	7	1
9042915 + 9042903	GL10, 10m, intensity 3000K, GL10SL connector side left	10	1
9042915 + 9042905	GL10, 20m, intensity 3000, GL10LR, connector side both	20	1
106328534	24V 5A power supply		6

To configure the connector orientation for best installation, change the connector model to GL10BD and GL10SD Side Direct Connectors.



Order details for Direct Power Connectors Strips:

Code	Description	length (m)	Quantity
9042915 + 9042909	GL10, 10m, intensity 3000K, GL10SD, connector both side direct	10	3
9042915 + 9042907	GL10, 3m, intensity 3000K, GL10SD, connector side direct	3	1
9042915 + 9042907	GL10, 7m, intensity 3000K, GL10SD, connector side direct	7	1
9042915 + 9042909	GL10, 10m, intensity 3000K, GL10BD, connector both side direct	20	1
106328534	24V 5A power supply		6

EMAUX WATER TECHNOLOGY CO., LTD

ADDRESS: 2/F, Lockhart Centre, No. 301-307 Lockhart Road,
Kwai Chung, HK

PHONE +852 2832 9880

www.emauxgroup.com

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