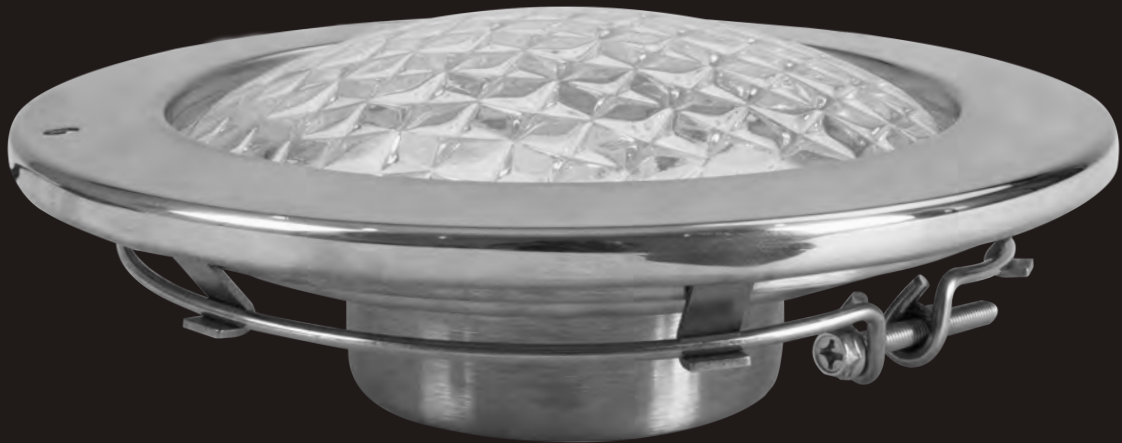




Nerion LED Pool Light

SINCE 2010



— Q u a l i t y D e f e n d e r —

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Features

- UL, FCC, RoHS Standard
- IP68 waterproof protect
- Designed complies with UL676 requirements
- Switching regulation color temperature with memory function
- Material: S316 stainless steel housing + borosilicate glass cover
- High Efficacy: 130lm/w $\pm 10\%$
- High CRI: Ra>80, SDCM<4
- Built-in lighting control board
- Input Voltage: CCT: AC120V 50/60Hz; RGBW:AC12V
- Maximum water depth less than 5 meters
- L80B10(Ta=25℃)>30,000hrs, Warranty: 3 years
- 3-CCT adjustment: 3000K/4500K/6500K, default setting: 4500K
- RGBW adjustment: Red/Green/Blue + White light (default setting: 4500K)
- Installation method: Niche
- Application: Swimming pool/Artificial lake/Aquarium/Oceanarium/Koi pond/Fountain pool, etc.



Data Sheet

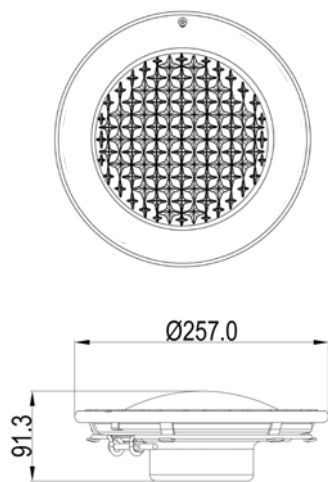
Article Number	Power(W)	Lumen(lm)	Light Source	SMD2835 / SMD3535
			CRI	Ra>80, SDCM<4
SL-P10-35CCT-05	35	4550	CCT	3000K/4500K/6500K default setting: 4500K
SL-P10-55CCT-05	55	7150	RGBW	Red/Green/Blue /White
SL-P10-35RGBW-05	35 (R8W,G8W,B8W,W12W)		AC Input	CCT:AC120V 50/60Hz; RGBW:AC12V
SL-P10-55RGBW-05	55 (R13.5W,G13.5W,B13.5W,W15W)		Waterproof	IP68
			Warranty	3 Years
			Operating Temperature	-20℃ ~ +60℃ underwater
			Lifespan	30000H (Ta=25℃)
			Operating Humidity	5-85% RH, non-condensing
			Storage Temp	-40~80℃, 5-85% RH, non-condensing

* The "X" represents CCT, it can be W (3000K), P (4500K), C (6500K)

Efficacy Version

Cover	Standard
Transparent	130lm/w

Dimension



Model	Size	Wire length
SL-P10-35CCT-05	D257*91mm (10.12*3.59 inch)	15 meters
SL-P10-55CCT-05	D257*91mm (10.12*3.59 inch)	15 meters
SL-P10-35RGBW-05	D257*91mm (10.12*3.59 inch)	15 meters
SL-P10-55RGBW-05	D257*91mm (10.12*3.59 inch)	15 meters

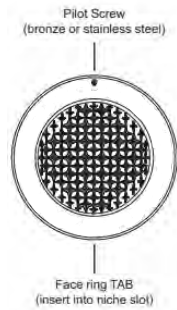
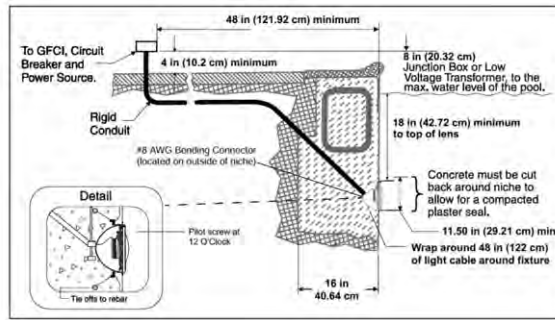
* Cable length can be customized.

Packaging

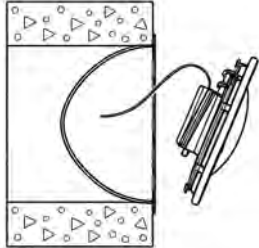
Lenght	Carton Size (L*W*H)	N.W(CTN)	G.W(CTN)	20'GP	40'GP	40'HQ
257*91.3mm	340*340*495mm (10":13.39*13.39*19.50inch)	19.4lb (8.8 kg)	23.15lb (10.5 kg)	1257pcs	2661pcs	2772pcs

Installation

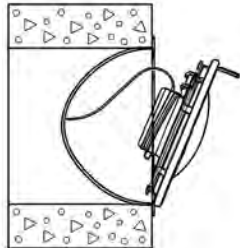
- 1 Wrap at least 4 ft (1.22m) of wire around the back of the luminaire, then route the wire through the conduit.



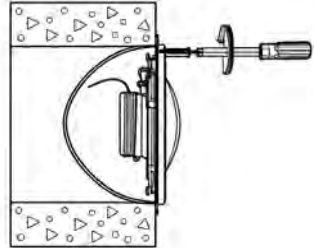
- 2



Step 1: Wrap wire 4× around luminaire thread through conduit.



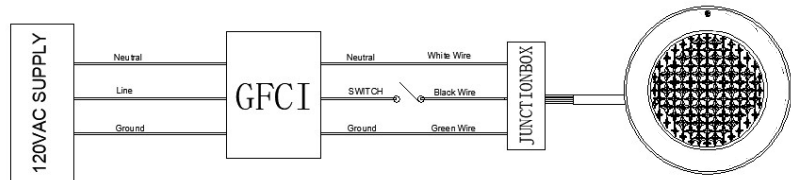
Step 2: Snap luminaire clips into wall-mount box.



Step 3: Press luminaire onto wall-mount box to complete installation.

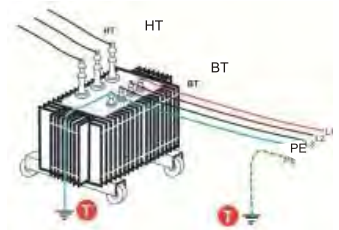
- 3 After installation, connect the three wires from the luminaire to the corresponding lighting-circuit wires inside the junction box. The luminaire must be connected to a Ground-Fault Circuit Interrupter (GFCI).

GFCI REQUIRED



All the operations must be in the condition of power off

1. This product is suitable for outdoor places, please do not use in high temperature places.
2. The installation location of lamps should be well ventilated, and the surroundings should be non-corrosive and free of flammable and explosive substances.
3. Please ensure that the product is installed firmly and reliably to avoid loosening or falling.
4. Be sure to cut off the power supply before operation, the lamps should be installed by electrical professionals, and the wiring should comply with IEEE standards or national standards.
5. The power supply circuit connected to the lamp should be an independent line to ensure that the power supply system meets the surge requirements.
6. Before using the lamp, it must be grounded. During use, it must also be ensured that the luminaire is always grounded.
7. The power supply voltage of the lamps should work under the rated voltage/frequency conditions. If the voltage is too high or too low, it will affect the life of the light source and the normal startup and lighting.
8. When any abnormal phenomenon occurs in the lamp, please cut off the power supply in time and contact the manufacturer or local dealer.
9. In order to maintain the good lighting effect of the lamp, please clean the light-emitting surface regularly with a soft cloth.

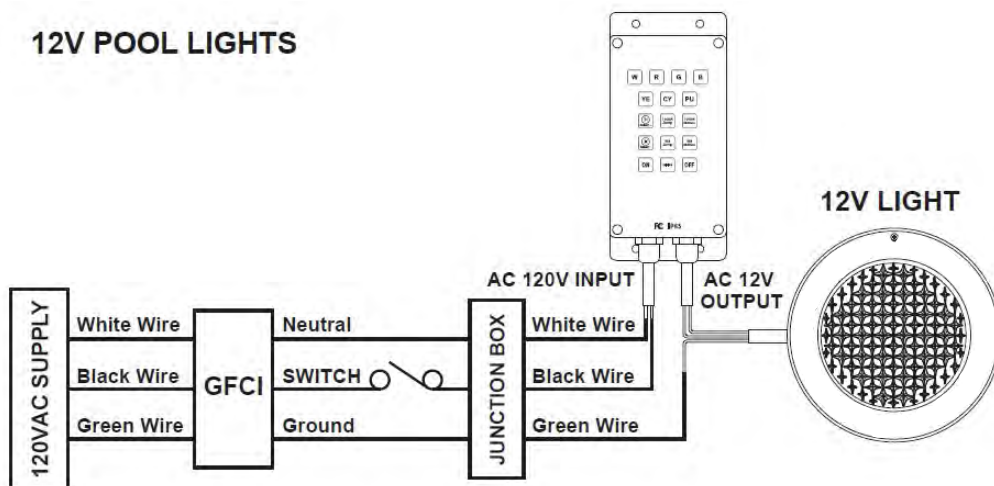


Controller User Manual

- Touch Panel + Tuya APP via Wi-Fi connection, multiple control methods
- AC120V input, built-in transformer, safe 12V low voltage output
- Max Load 60W, IP66 Protection
- 16 Million Colors, 9+ Dynamic Modes, Stepless Brightness Adjustment
- Light memory feature
- Comes with a 315MHz RF remote control with up to 30m range and strong wall-penetrating signal

Product Installation & Wiring

- The product must be installed inside an electrical distribution box. Avoid direct exposure to open sunlight and rain immersion.
- The product shall be installed no less than 4 feet (1.2 m) from the inner wall of the swimming pool and 8 inches (20.3 cm) above the maximum water level.
- Wiring Diagram:



Applications

