PLC Lighting

Features

Need to work with PLC master controller

● Designed by PLC control solution, simple wiring diagram.

● Working with master controller control to dim brightness, create scenes, timer, music rhythm, biological rhythm, sleeping mode...etc, support 2.4G remote control as well.

● 16 million colors for selection

● 304 stainless steel

● IP68 waterproof

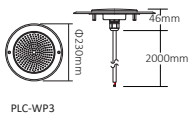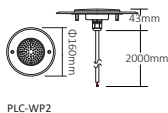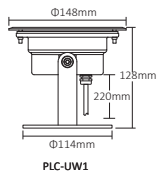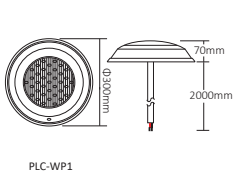## Parameters

CRI: >80
IP Rate: IP68
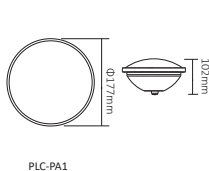Dimming Grayscale: 4096 Levels

Min Brightness: 0.1%
Dimming Range: 0-100%

Dimming Curve: Logarithmic
Working Temp.: -20~45°C

Product		Model No.	Power	Input	Luminous Flux	Beam Angle	Protocol	Color Temp.
	RGBW LED Underground Light (PLC)	PLC-RD1	2W	DC24V	60LM	50°	PLC Master Control	2700K~RGB mixed cool white
	RGB+CCT LED Underground Light (PLC)	PLC-RD2	5W		260LM	30°		2700K~6500K
	RGB+CCT LED Underground Light (PLC)	PLC-RD3	9W		610LM	15°		
	RGB+CCT LED Underwater Light (PLC)	PLC-UW1	9W		610LM	15°		
	RGB+CCT PAR56 LED Pool Light (PLC)	PLC-PA1	30W		1900LM	160°		
	RGB+CCT Wall-mounted LED Pool Light (PLC)	PLC-WP1	30W		1900LM	160°		
	RGB Wall-mounted LED Pool Light (PLC)	PLC-WP2	9W		270LM	120°		RGB mixed white
	RGB Wall-mounted LED Pool Light (PLC)	PLC-WP3	18W		720LM	120°		RGB mixed white

Size

Surface diameter
Φ42mm

72mm

220mm

Built-in fitting
Φ38mm

PLC-RD1

Surface diameter
Φ100mm

78mm

220mm

Built-in fitting
Φ88mm

PLC-RD2

Surface diameter
Φ150mm

104mm

220mm

Built-in fitting
Φ138mm

PLC-RD3

Φ177mm

102mm

PLC-PA1

Φ300mm

70mm

2000mm

PLC-WP1

Φ148mm

128mm

220mm

Φ114mm

PLC-UW1

43mm

Φ160mm

2000mm

PLC-WP2

46mm

Φ230mm

2000mm

PLC-WP3
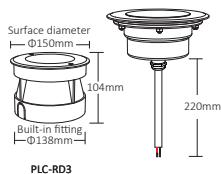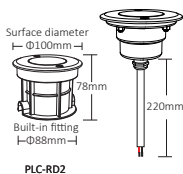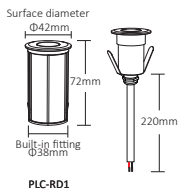
Application Diagram

⚠ Need to work with PLC master controller

4G / 5G / WiFi
Tuya Cloud

Alexa / Google
Router

Remote Control distance 30m

Input/ Output:
DC24V

V+ ─
V- ─

PLC Subordinate lights

Purchased separately
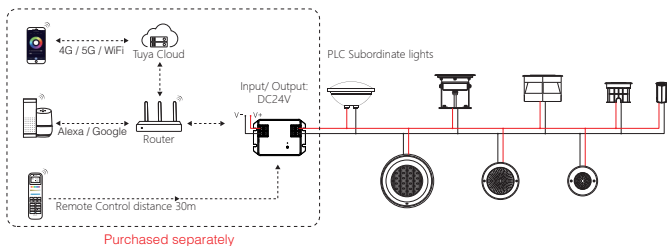
Attention

1. Making sure power is off when installing products , keep safety
2. Please check if the input voltage is consistent with the device
3. Non-professional users are not allowed to disassemble the device directly, otherwise the device may be damaged.
4. Do not use the device near large metal areas or areas with strong electromagnetic waves, otherwise the control distance will be seriously affected.

Made in China