

**SUNDY**

**ABS SMALL  
SWIMMING POOL LIGHT**



**CE**  **ERP IP68**

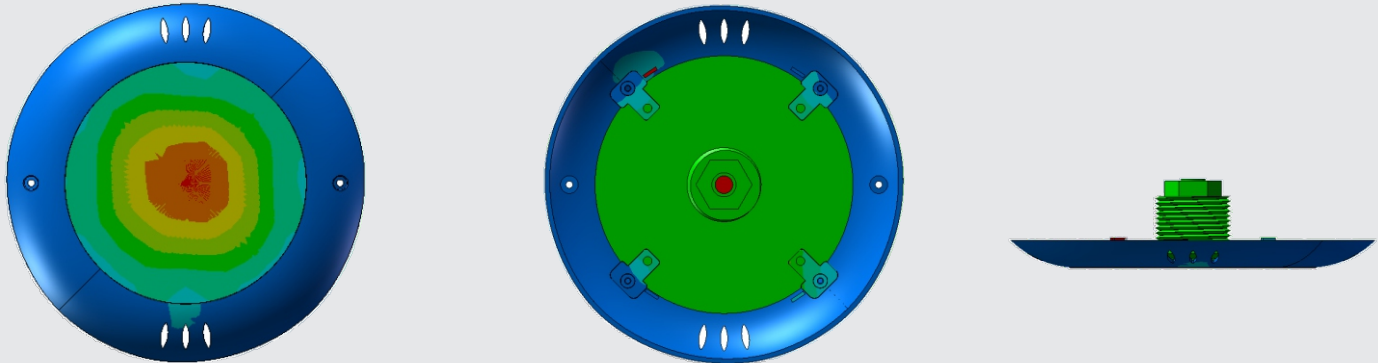
**SHENZHEN SUNDY LIGHTING CO., LTD.**

OVERVIEW



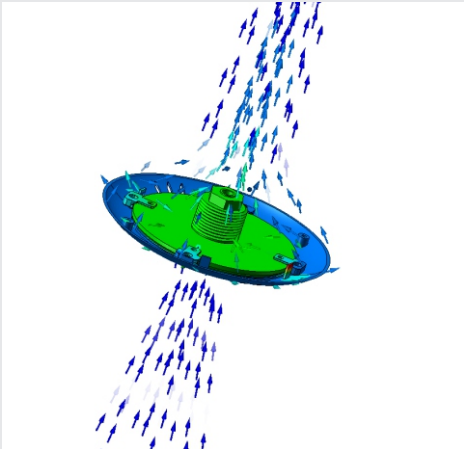
THERMAL MANAGEMENT

Structure is optimized by advanced FEA technology. Achieving longer lifespan at bestcost-efficiency.

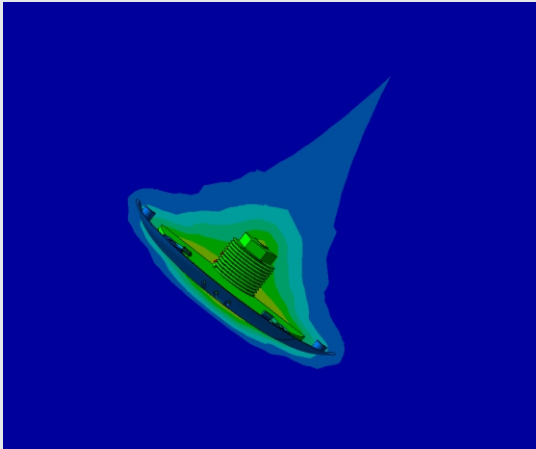


Thermal Conductivity

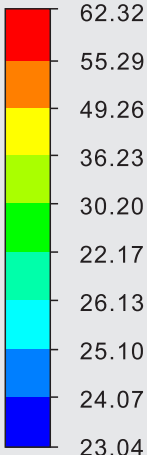
Thermal Conductivity



Thermal Air Convection



Thermal Effects to Air



Unit: °C

**EXPLODED**

Niche

Silicon gasket

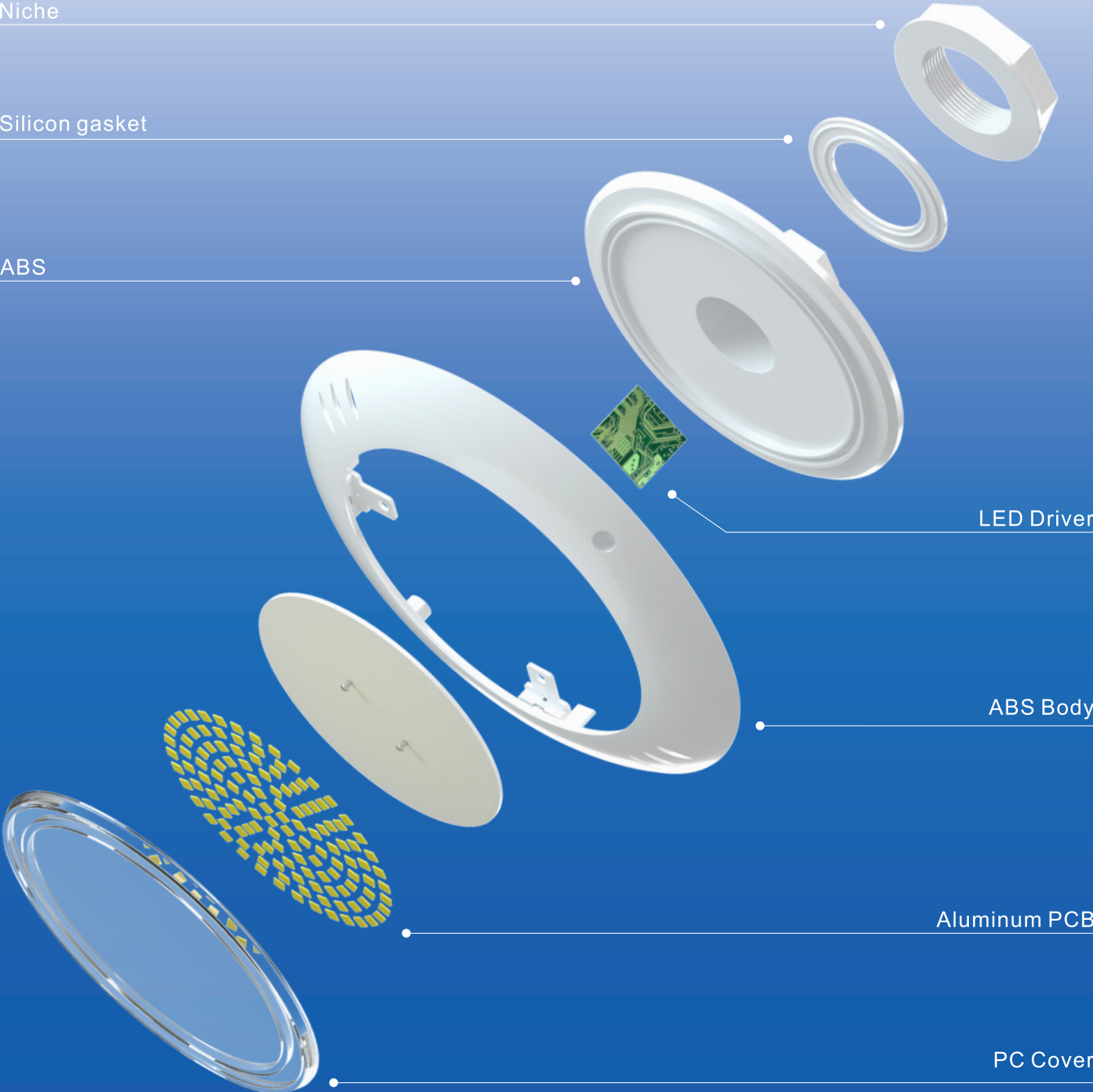
ABS

LED Driver

ABS Body

Aluminum PCB

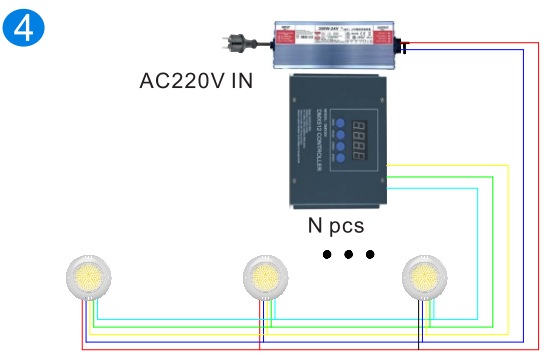
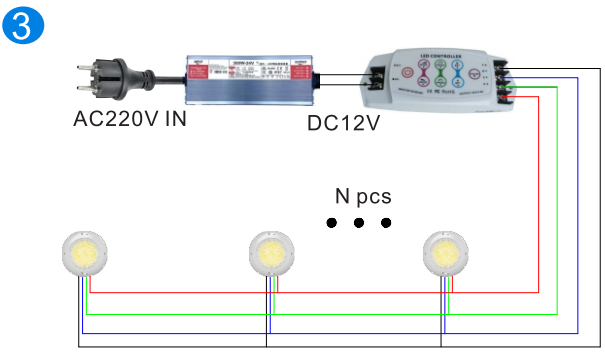
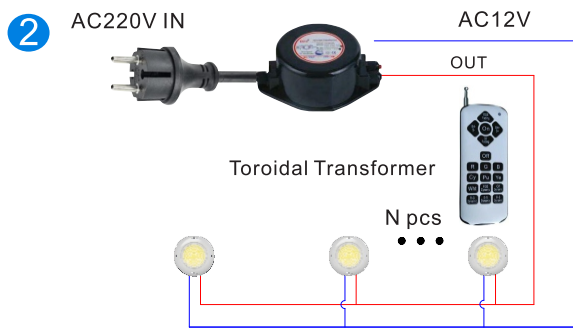
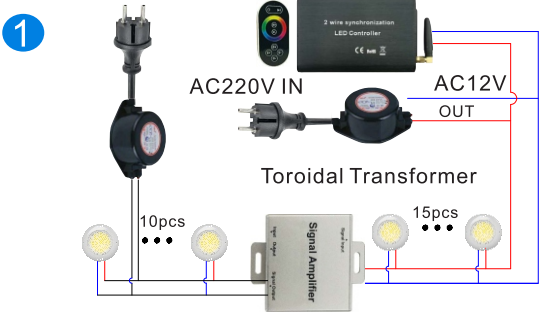
PC Cover





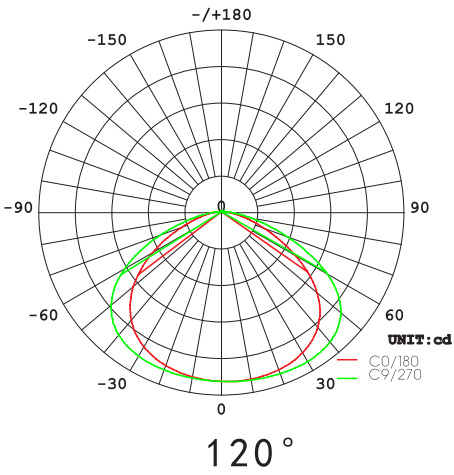
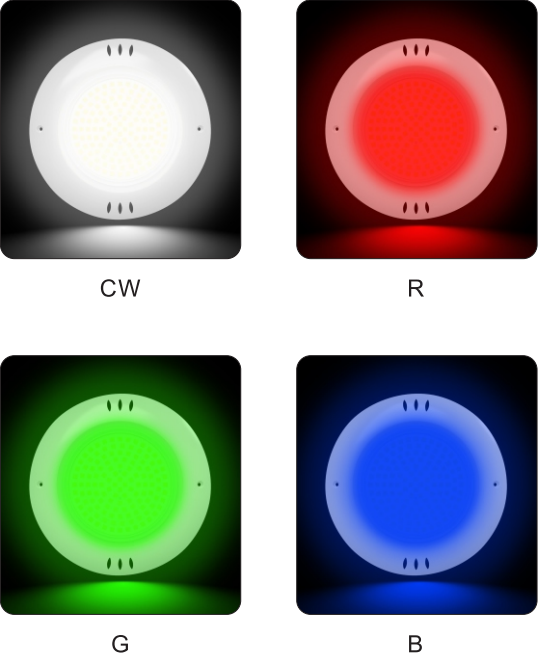
### CONTROL METHODS

- 1. 100% synchronization(2-wire connection): color changing with RGB/RGBW/RGBWW controller or remote.  
Max can be 100m 100% synchronization for color and speed changing.
- 2. Remote and Switch control(2-wire connection): RGB/RGBW/RGBWW color changing with RF remote or switch(switch on/off), every lamp with remote.
- 3. External control(4/5/6 wire connection): color changing with external RGB/RGBW/RGBWW controller or remote or Android/iOS system smart phone.
- 4. DMX Control: color changing with external DMX decoder.



### OPTICS

Tech.Support: Tell us the Pool length, width,height and the usage.We have engineer team to respond the DIALUX simulations for lights quantity calculation and effects.ies





**APPLICATIONS**

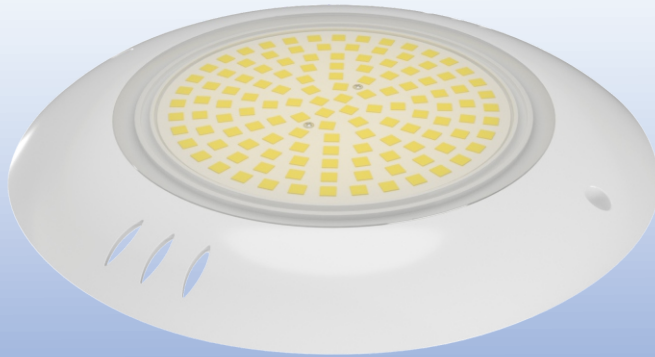
Application for indoor swimming pool, outdoor swimming pool, landscape pool, musical fountain, etc.





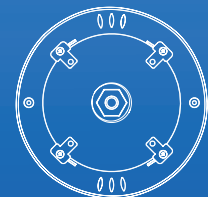
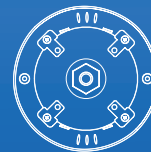
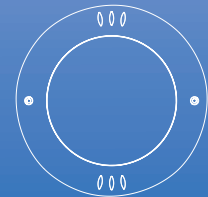
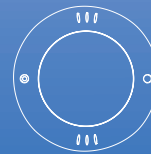
# ABS SMALL SWIMMING POOL LIGHT

ABS >>>



## FEATURE

- ◆ Patented design-private tooling/mould
- ◆ ABS + Transparent PC cover
- ◆ Structural IP68 Waterproof
- ◆ Size - Ø168x54mm/Ø222x54mm
- ◆ RGB/RGBW/RGBWW synchronization
- ◆ Single color White/RGB
- ◆ Remote/WIFI/DMX control applicable



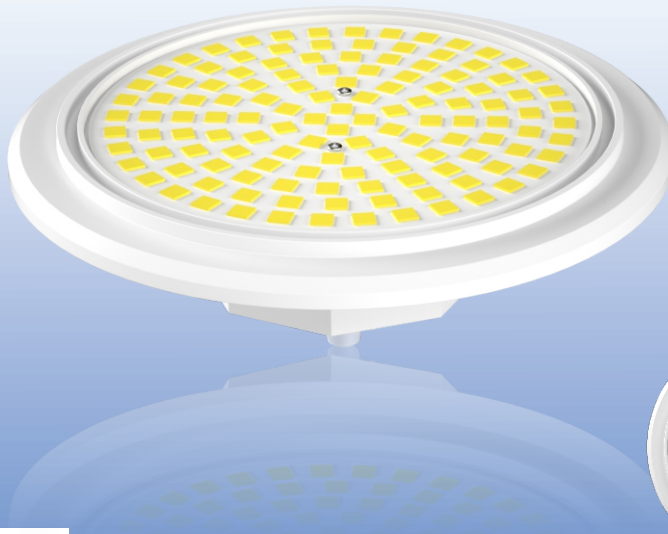
6W

12W

Model No.	Power	Voltage	Luminous Flux	LED Type	Color
SPL-6W-V	6±1W	12V AC/DC	400±10%LM	SMD5050	White/RGB
SPL-12W-V	12±1W	12V AC/DC	800±10%LM	SMD5050	White/RGB

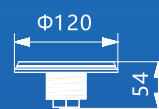
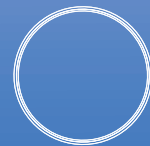
# ABS SMALL SWIMMING POOL LIGHT

ABS >>>



## FEATURE

- ◆ Patented design-private tooling/mould
- ◆ ABS + Transparent PC cover
- ◆ Structural IP68 Waterproof
- ◆ Size - Ø120x54mm/Ø160x54mm
- ◆ RGB/RGBW/RGBWW synchronization
- ◆ Single color White/RGB
- ◆ Remote/WIFI/DMX control applicable



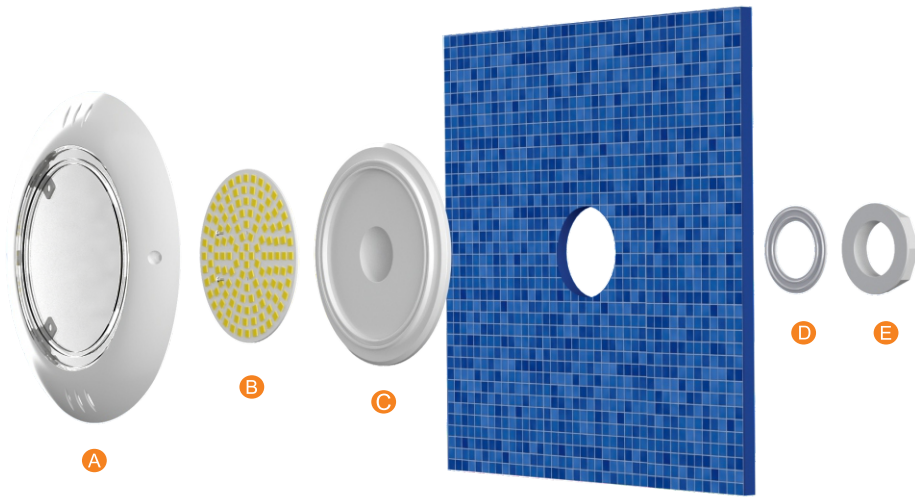
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SPL-12W-V	12±1W	12V AC/DC	800±10%LM	SMD5050	White/RGB



# INSTALLATION METHODS



**A** ABS+Textured PC cover

**B** Aluminum PCB

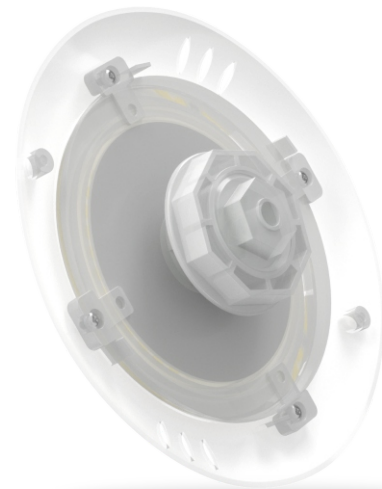
**C** ABS

**D** Silicon gasket

**E** Niche

## CAUTIONS:

1. Installation must be done by professional electricians.
2. Do NOT dismantle the product. It may be dangerous.
3. Do NOT stare at the light with naked eyes. It is harmful to eyes.



## SHENZHEN SUNDY LIGHTING CO., LTD.

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