

**SUNDY**

**INTEGRATED 316 V4A STAINLESS  
STEEL FIBER-GLASS  
SWIMMING POOL LIGHT**



**CE**  **ERP I P68**

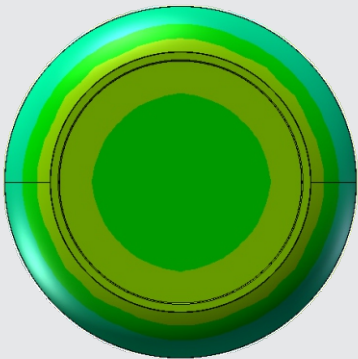
**SHENZHEN SUNDY LIGHTING CO., LTD.**

OVERVIEW

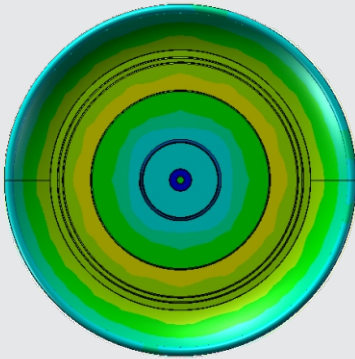


THERMAL MANAGEMENT

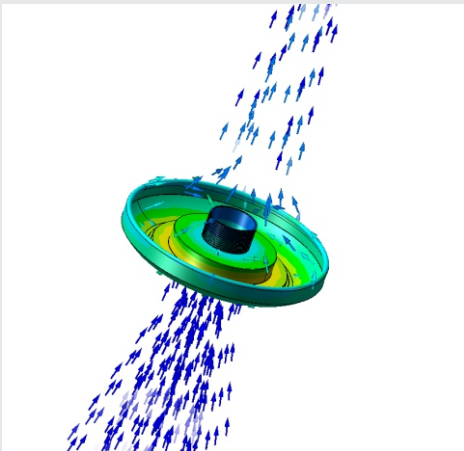
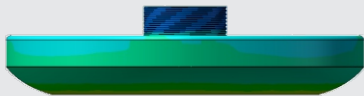
Structure is optimized by advanced FEA technology. Achieving longer lifespan at bestcost-efficiency.



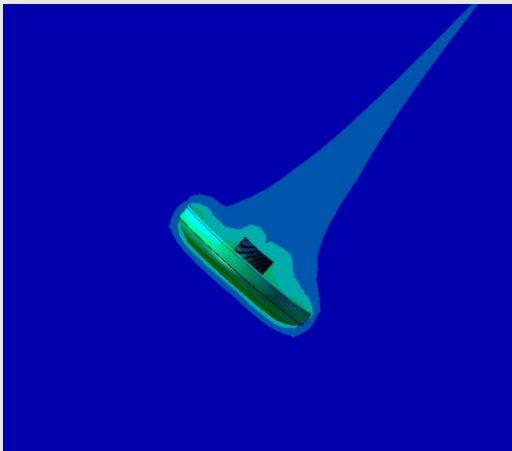
Thermal Conductivity



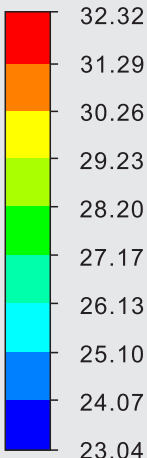
Thermal Conductivity



Thermal Convection

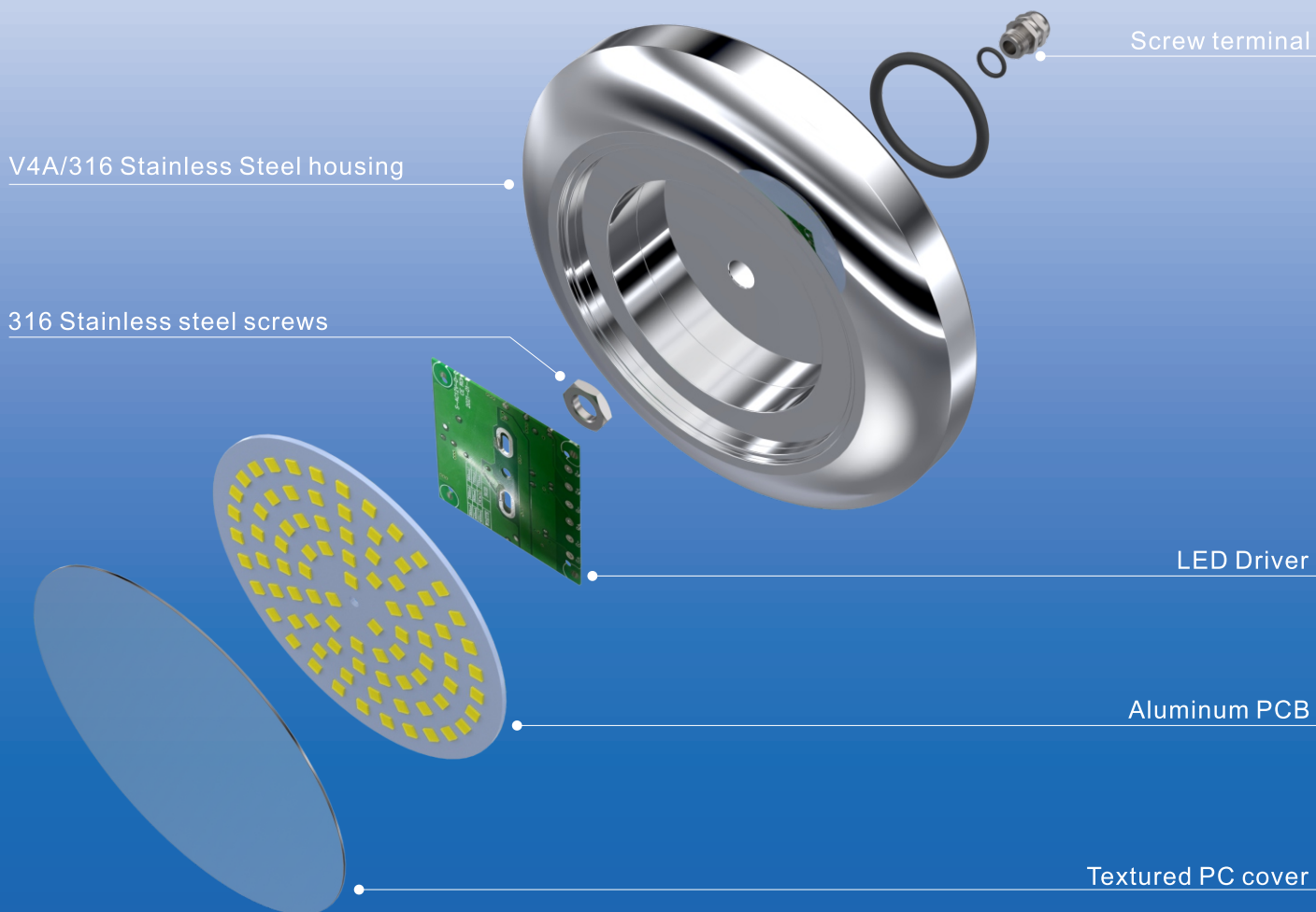


Thermal Effects to Air

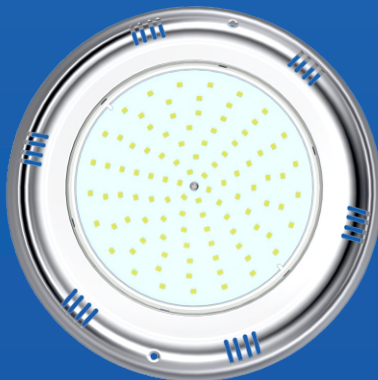


Unit: °C

**EXPLODED**



Integrated 316 V4A  
Stainless Steel



316 V4A Stainless Steel+ABS

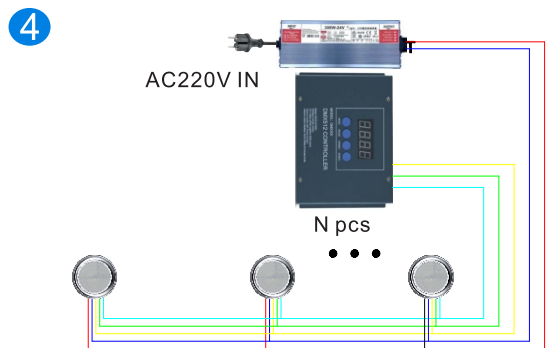
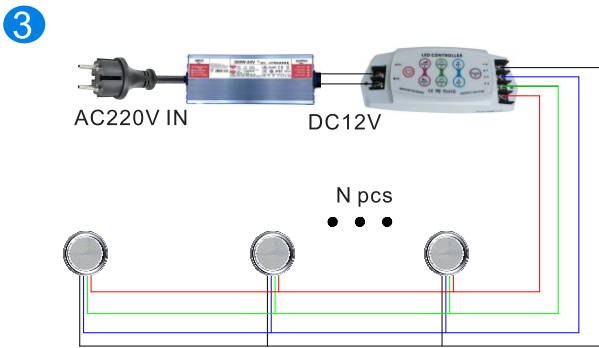
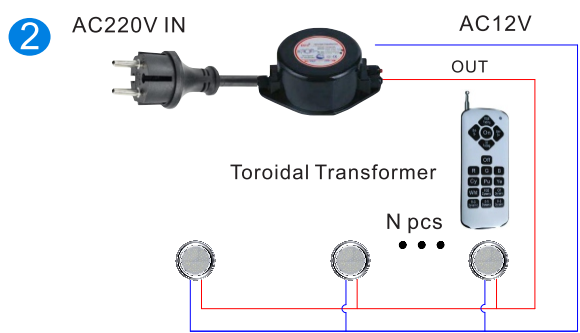
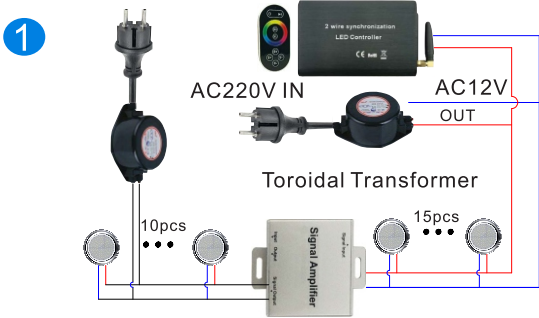


ABS



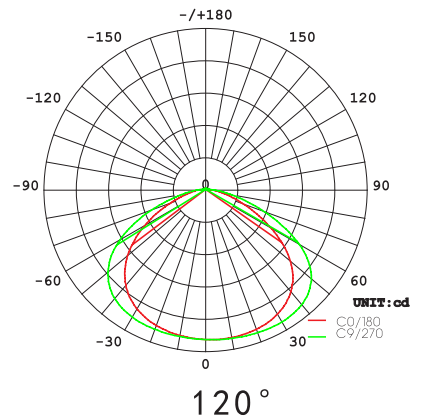
### CONTROL METHODS

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

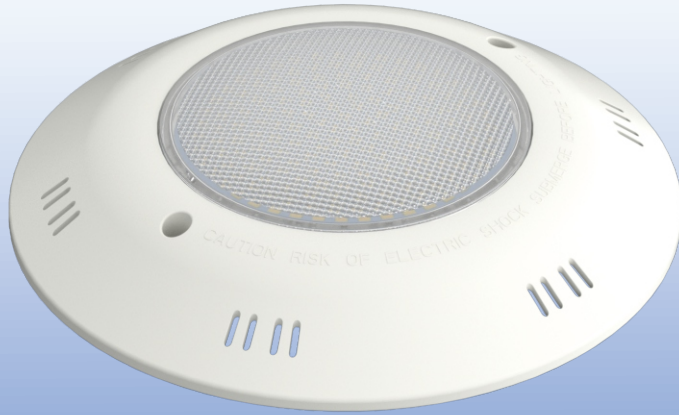




# ABS FIBER-GLASS SWIMMING POOL LIGHT

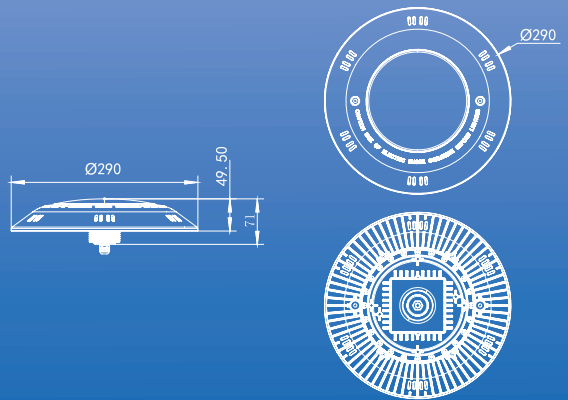
Patent No.: 201730344637.7

ABS >>>



## FEATURE

- ◆ Patented design-privdte tooling/mould
- ◆ ABS + Transparent PC cover
- ◆ Structural IP68 Waterproof
- ◆ Size - Ø290x 49.5mm
- ◆ RGB/RGBW/RGBWW synchronization
- ◆ Single color RGB/RGBW/RGBWW
- ◆ Remote/WIFI/DMX control applicable



Model No.	Power	Voltage	Luminous Flux	LED Type	Color
SPL-18W-F(S5RGBWW)	18±1W	12V AC/DC	950±10%LM	RGBWW(5 In 1)	RGBWW
SPL-15W-F(S5RGBW)	15±1W	12V AC/DC	750±10%LM	RGBWW(4 In 1)	RGBW
SPL-18X4W-F	25±1W	12V AC/DC	1150±10%LM	RGBWW(4 In 1)	RGBW
SPL-120S5-F	18±1W	12V AC/DC	1920±10%LM	SMD5050	White/RGB
SPL-18x1W-F	18±1W	12V AC/DC	750±10%LM	High Power LED	White/RGB
SPL-18x3W-F	25±1W	12V AC/DC	1400±10%LM	High Power LED	White/RGB
SPL-18W-F (S5)	18±1W	12V AC/DC	1920±10%LM	SMD5050	Dual CCT
SPL-18W-F(C5)	18±1W	12V AC/DC	1920±10%LM	SMD5050	Single Color
SPL-12W-F	12±1W	12V AC/DC	1300±10%LM	SMD5730	Single Color
SPL-20W-F	25±1W	12V AC/DC	2200±10%LM	SMD5730	Single Color

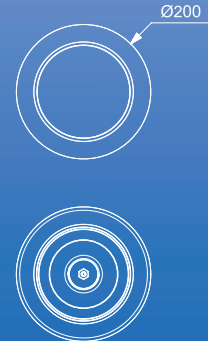
# INTEGRATED 316 V4A STAINLESS STEEL FIBER-GLASS SWIMMING POOL LIGHT

316 V4A Stainless Steel Cover >>>



## FEATURE

- ◆ Patented design-privdte tooling/mould
- ◆ 316 V4A Stainless Steel Cover
- ◆ IP68 - Epoxy/resIn sealing
- ◆ Size - Ø200x 52mm
- ◆ RGB/RGBW/RGBWW synchronization
- ◆ Single color RGB/RGBW/RGBWW
- ◆ Remote/WIFI/DMX control applicable



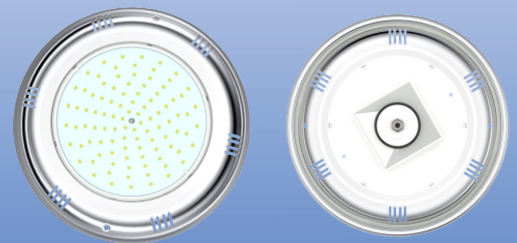
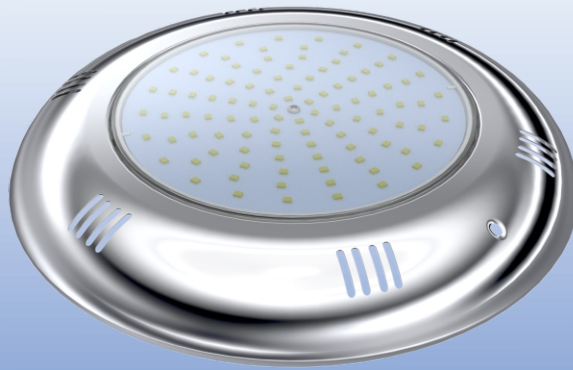
Model No.	Power	Voltage	Luminous Flux	LED Type	Color
SPL-15W-F2(S5RGBWW)	15±1W	12V AC/DC	1920±10%LM	SMD5050	RGBWW
SPL-15W-F2(S5RGBW)	15±1W	12V AC/DC	1920±10%LM	SMD5050	RGBW
SPL-15W-F2(S5RGB)	15±1W	12V AC/DC	1920±10%LM	SMD5050	White/RGB

# 316 V4A STAINLESS STEEL+ABS

## FIBER-GLOSS SWIMMING POOL LIGHT

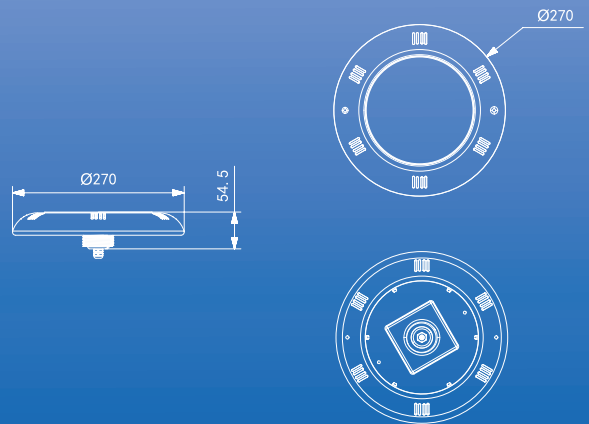
ABS + 316 V4A Stainless Steel Cover >>>

Patent No.: 2017030622894.2



### FEATURE

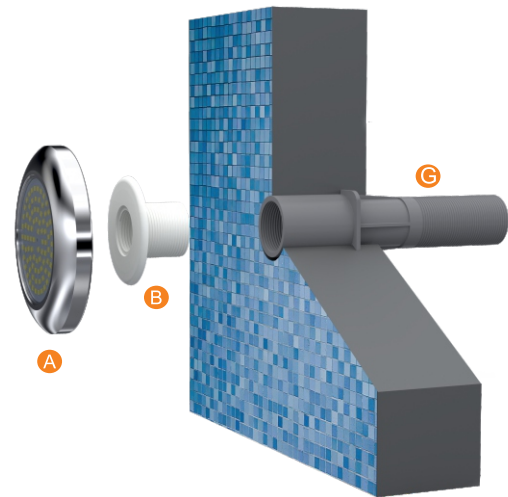
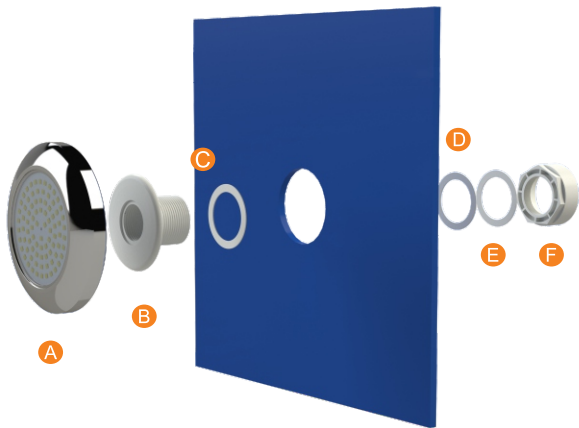
- ◆ Patented design-privdte tooling/mould
- ◆ ABS + 316 V4A Stainless Steel Cover
- ◆ Resin filled - IP68
- ◆ Super slim - Ø270x 54.5mm
- ◆ RGB synchronization
- ◆ Single color or RGB
- ◆ Remote/WIFI/DMX control applicable



Model No.	Power	Voltage	Luminous Flux	LED Type	Color
SPL-18W-F2(S2835)	18±1W	12V AC/DC	1920±10%LM	SMD2835	White
SPL-18W-F2(S2835)	18±1W	12V AC/DC	700±10%LM	SMD2835	RGB
SPL-25W-F2(S2835)	25±1W	12V AC/DC	2200±10%LM	SMD2835	White
SPL-25W-F2(S2835)	25±1W	12V AC/DC	900±10%LM	SMD2835	RGB



# INSTALLATION METHODS



- A SMD5050
- B Verge ring
- C Silicon O-ring
- E Silicon gasket
- F Niche
- D Silicon gasket

- A SMD5050
- B Verge ring
- G Pipeline

## 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.



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