

L I G H T U P Y O U R D R E A M

LED POOL LIGHT



2024

Catalogue



35 / 18 W



12 W



8 W



Patent



Ultra thin



12V

Advantages

- Fully resin filled, 100% waterproof
- 316L Stainless steel for marine water
- Ultra slim design in 7.5 - 8.0 mm thickness
- Suitable for Concrete Pool
- Patented 2 in 1 installation methods
 - Method 01 : Ø1/2" PVC.Conduit
 - Method 02 : Ø3/4" PVC.Conduit

Optional Color

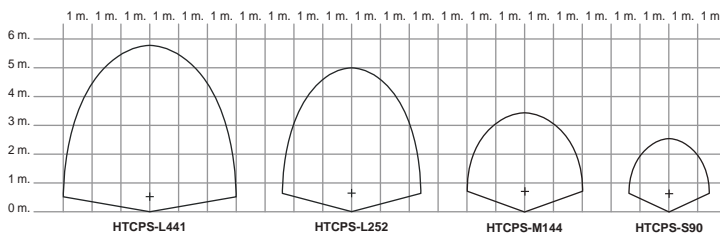
Single colour :
- AC 12V (2-wires)

CW (6500K)
 WW (3000K)
 Blue

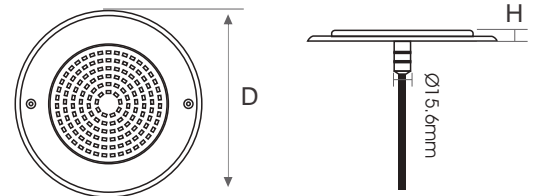
RGB colour :
- DC 12V (4-wires)
- External/Wi-Fi control method



Lights Graph



Dimension



Model	Power	Voltage	Colour	Material	Flaceplate	LED Type	Beam Angle	LED QTY	Lumen	Dimension (D*H)
HTCP-S-S90-CW	8 W	AC/DC12V	Cool White (6500K)	SS316L	Silver	SMD2835	120°	90 pcs	100lm/w	96*8mm
HTCP-S-S90-WW	8 W	AC/DC12V	Warm White (3000K)	SS316L	Silver	SMD2835	120°	90 pcs	100lm/w	96*8mm
HTCP-S-S90-B	8 W	AC/DC12V	Blue	SS316L	Silver	SMD2835	120°	90 pcs	100lm/w	96*8mm
HTCP-S-S90-RGB	8 W	DC12V	RGB	SS316L	Silver	SMD2835	120°	90 pcs	100lm/w	96*8mm

Model	Power	Voltage	Colour	Material	Flaceplate	LED Type	Beam Angle	LED QTY	Lumen	Dimension (D*H)
HTCP-S-M144-CW	12 W	AC/DC12V	Cool White (6500K)	SS316L	Silver	SMD2835	120°	144 pcs	100lm/w	155*7.5mm
HTCP-S-M144-WW	12 W	AC/DC12V	Warm White (3000K)	SS316L	Silver	SMD2835	120°	144 pcs	100lm/w	155*7.5mm
HTCP-S-M144-B	12 W	AC/DC12V	Blue	SS316L	Silver	SMD2835	120°	144 pcs	100lm/w	155*7.5mm
HTCP-S-M144-RGB	12 W	DC12V	RGB	SS316L	Silver	SMD2835	120°	144 pcs	100lm/w	155*7.5mm

Model	Power	Voltage	Colour	Material	Flaceplate	LED Type	Beam Angle	LED QTY	Lumen	Dimension (D*H)
HTCPS-L252-CW	18 W	AC/DC12V	Cool White (6500K)	SS316L	Silver	SMD2835	120°	252 pcs	100lm/w	257*7.5mm
HTCPS-L252-WW	18 W	AC/DC12V	Warm White (3000K)	SS316L	Silver	SMD2835	120°	252 pcs	100lm/w	257*7.5mm
HTCP-S-L252-B	18 W	AC/DC12V	Blue	SS316L	Silver	SMD2835	120°	252 pcs	100lm/w	257*7.5mm
HTCP-S-L252-RGB	18 W	DC12V	RGB	SS316L	Silver	SMD2835	120°	252 pcs	100lm/w	257*7.5mm

Model	Power	Voltage	Colour	Material	Flaceplate	LED Type	Beam Angle	LED QTY	Lumen	Dimension (D*H)
HTCP-S-L441-CW	35 W	AC/DC12V	Cool White (6500K)	SS316L	Silver	SMD2835	120°	441 pcs	100lm/w	257*7.5mm
HTCP-S-L441-WW	35 W	AC/DC12V	Warm White (3000K)	SS316L	Silver	SMD2835	120°	441 pcs	100lm/w	257*7.5mm
HTCP-S-L441-B	35 W	AC/DC12V	Blue	SS316L	Silver	SMD2835	120°	441 pcs	100lm/w	257*7.5mm
HTCP-S-L441-RGB	35 W	DC12V	RGB	SS316L	Silver	SMD2835	120°	441 pcs	100lm/w	257*7.5mm



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Optional Color

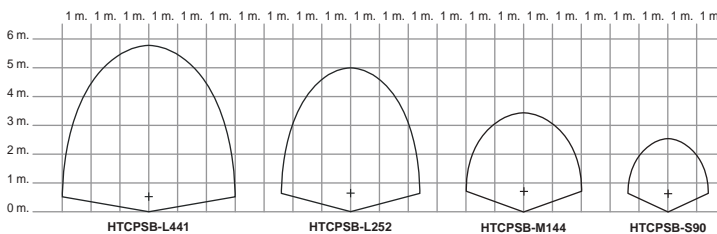
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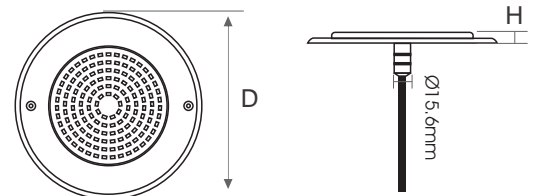
RGB colour :
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Lights Graph



Dimension



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HTCP-SB-S90-CW	8 W	AC/DC12V	Cool White (6500K)	SS316L	Black	SMD2835	120°	90 pcs	100lm/w	96*8mm
HTCP-SB-S90-WW	8 W	AC/DC12V	Warm White (3000K)	SS316L	Black	SMD2835	120°	90 pcs	100lm/w	96*8mm
HTCP-SB-S90-B	8 W	AC/DC12V	Blue	SS316L	Black	SMD2835	120°	90 pcs	100lm/w	96*8mm
HTCP-SB-S90-RGB	8 W	DC12V	RGB	SS316L	Black	SMD2835	120°	90 pcs	100lm/w	96*8mm

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HTCP-SB-M144-RGB	12 W	DC12V	RGB	SS316L	Black	SMD2835	120°	144 pcs	100lm/w	155*7.5mm

Model	Power	Voltage	Colour	Material	Flaceplate	LED Type	Beam Angle	LED QTY	Lumen	Dimension (D*H)
HTCP-SB-L252-CW	18 W	AC/DC12V	Cool White (6500K)	SS316L	Black	SMD2835	120°	252 pcs	100lm/w	257*7.5mm
HTCP-SB-L252-WW	18 W	AC/DC12V	Warm White (3000K)	SS316L	Black	SMD2835	120°	252 pcs	100lm/w	257*7.5mm
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HTCP-SB-L252-RGB	18 W	DC12V	RGB	SS316L	Black	SMD2835	120°	252 pcs	100lm/w	257*7.5mm

Model	Power	Voltage	Colour	Material	Flaceplate	LED Type	Beam Angle	LED QTY	Lumen	Dimension (D*H)
HTCP-SB-L441-CW	35 W	AC/DC12V	Cool White (6500K)	SS316L	Black	SMD2835	120°	441 pcs	100lm/w	257*7.5mm
HTCP-SB-L441-WW	35 W	AC/DC12V	Warm White (3000K)	SS316L	Black	SMD2835	120°	441 pcs	100lm/w	257*7.5mm
HTCP-SB-L441-B	35 W	AC/DC12V	Blue	SS316L	Black	SMD2835	120°	441 pcs	100lm/w	257*7.5mm
HTCP-SB-L441-RGB	35 W	DC12V	RGB	SS316L	Black	SMD2835	120°	441 pcs	100lm/w	257*7.5mm



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- Suitable for Concrete Pool
- Patented 2 in 1 installation methods
- 4-wires external/wifi control method

Optional Color

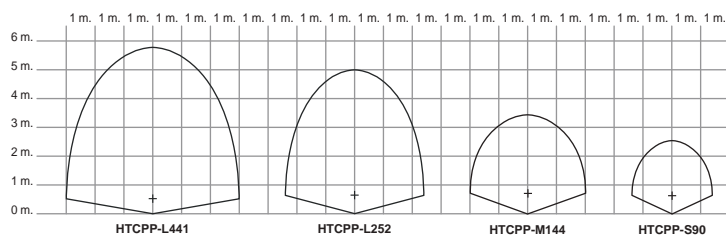
Single colour :
- AC 12V (2-wires)

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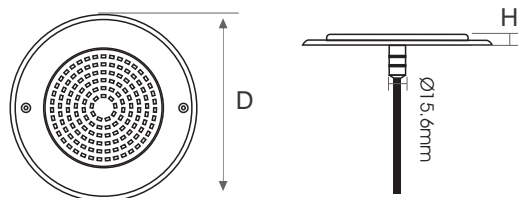
RGB colour :
- DC 12V (4-wires)
- External/Wi-Fi control method



Lights Graph



Dimension



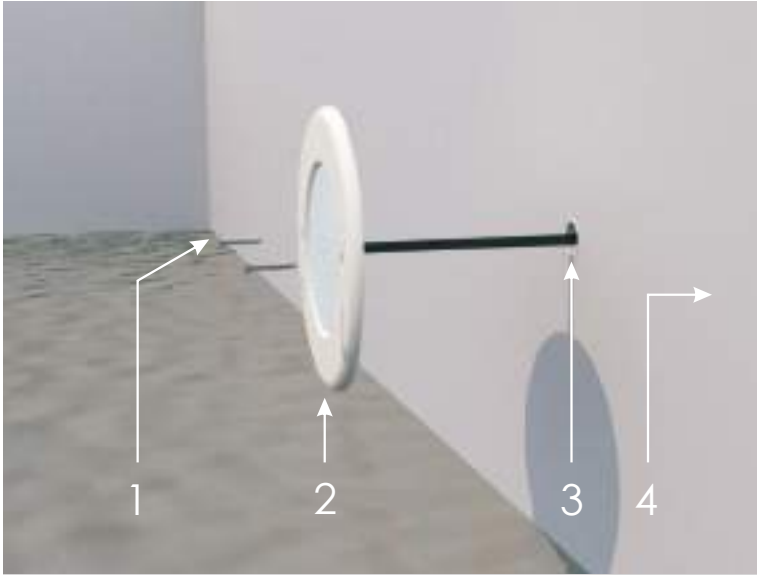
Model	Power	Voltage	Colour	Material	Flaceplate	LED Type	Beam Angle	LED QTY	Lumen	Dimension (D*H)
HTCP-P-S90-CW	8 W	AC/DC12V	Cool White (6500K)	Plastic	White	SMD2835	120°	90 pcs	100lm/w	96*8mm
HTCP-P-S90-WW	8 W	AC/DC12V	Warm White (3000K)	Plastic	White	SMD2835	120°	90 pcs	100lm/w	96*8mm
HTCP-P-S90-B	8 W	AC/DC12V	Blue	Plastic	White	SMD2835	120°	90 pcs	100lm/w	96*8mm
HTCP-P-S90-RGB	8 W	DC12V	RGB	Plastic	White	SMD2835	120°	90 pcs	100lm/w	96*8mm

Model	Power	Voltage	Colour	Material	Flaceplate	LED Type	Beam Angle	LED QTY	Lumen	Dimension (D*H)
HTCP-P-M144-CW	12 W	AC/DC12V	Cool White (6500K)	Plastic	White	SMD2835	120°	144 pcs	100lm/w	155*7.5mm
HTCP-P-M144-WW	12 W	AC/DC12V	Warm White (3000K)	Plastic	White	SMD2835	120°	144 pcs	100lm/w	155*7.5mm
HTCP-P-M144-B	12 W	AC/DC12V	Blue	Plastic	White	SMD2835	120°	144 pcs	100lm/w	155*7.5mm
HTCP-P-M144-RGB	12 W	DC12V	RGB	Plastic	White	SMD2835	120°	144 pcs	100lm/w	155*7.5mm

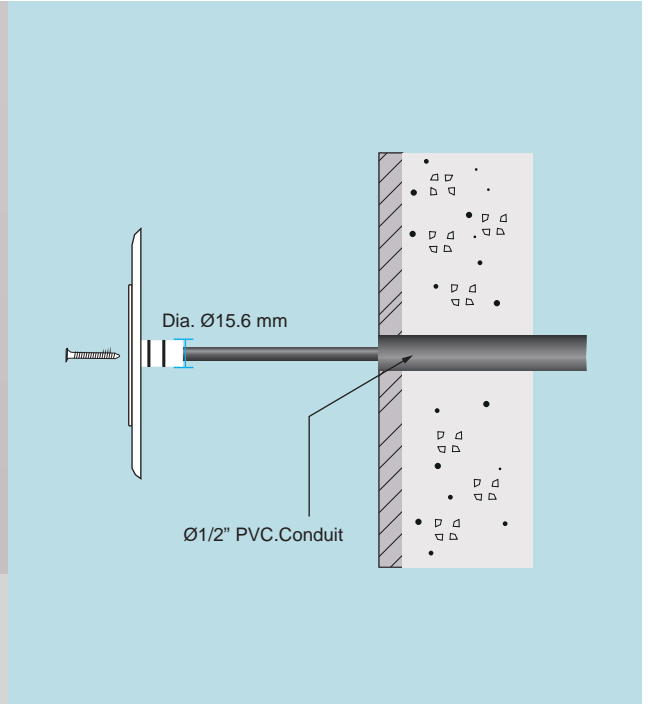
Model	Power	Voltage	Colour	Material	Flaceplate	LED Type	Beam Angle	LED QTY	Lumen	Dimension (D*H)
HTCP-P-L252-CW	18 W	AC/DC12V	Cool White (6500K)	Plastic	White	SMD2835	120°	252 pcs	100lm/w	257*7.5mm
HTCP-P-L252-WW	18 W	AC/DC12V	Warm White (3000K)	Plastic	White	SMD2835	120°	252 pcs	100lm/w	257*7.5mm
HTCP-P-L252-B	18 W	AC/DC12V	Blue	Plastic	White	SMD2835	120°	252 pcs	100lm/w	257*7.5mm
HTCP-P-L252-RGB	18 W	DC12V	RGB	Plastic	White	SMD2835	120°	252 pcs	100lm/w	257*7.5mm

Model	Power	Voltage	Colour	Material	Flaceplate	LED Type	Beam Angle	LED QTY	Lumen	Dimension (D*H)
HTCP-P-L441-CW	35 W	AC/DC12V	Cool White (6500K)	Plastic	White	SMD2835	120°	441 pcs	100lm/w	257*7.5mm
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HTCP-P-L441-B	35 W	AC/DC12V	Blue	Plastic	White	SMD2835	120°	441 pcs	100lm/w	257*7.5mm
HTCP-P-L441-RGB	35 W	DC12V	RGB	Plastic	White	SMD2835	120°	441 pcs	100lm/w	257*7.5mm

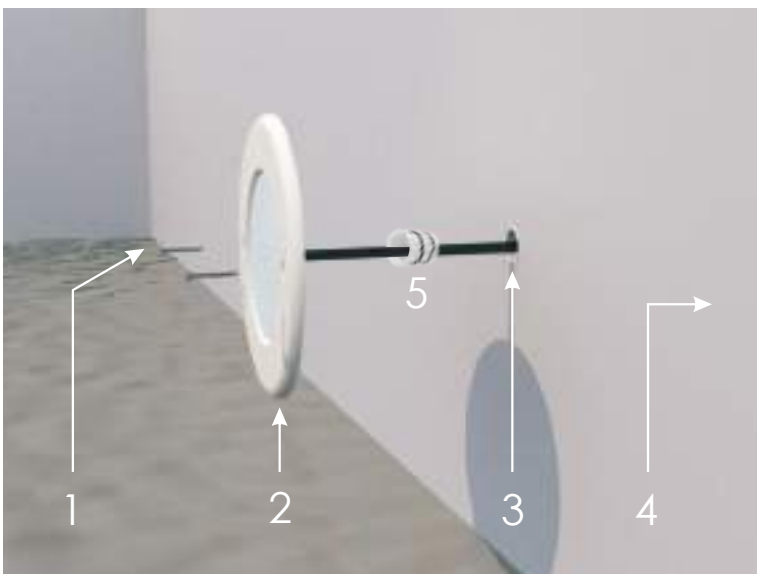
Installation Method 01



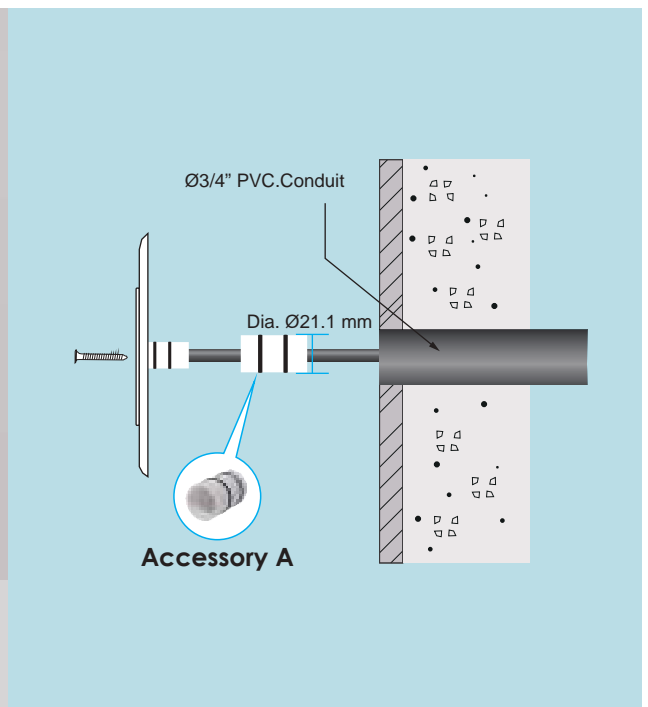
- 1. Screws
- 2. Lamp
- 3. Conduit
- 4. Pool wall



Installation Method 02



- 1. Screws
- 2. Lamp
- 3. Conduit
- 4. Pool wall
- 5. Accessory A



External / WiFi Controller



- Model : HT2EC
- Millions of color, DIY mood.
- With Mobile App control (Tuya App, Remote or Music)
- MAX. Power : 180 W
- Input voltage : DC12V



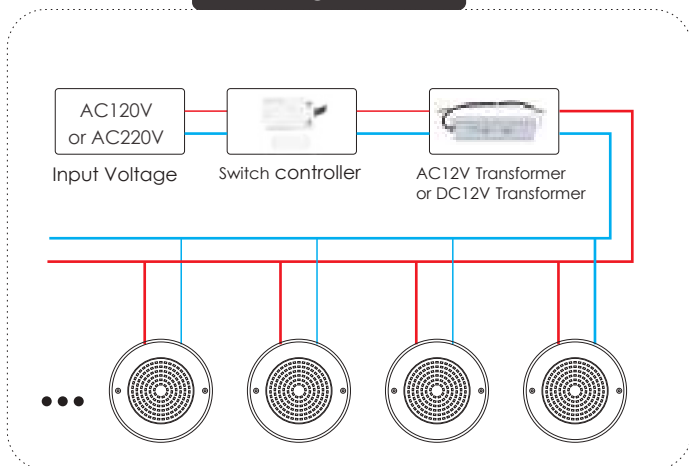
IP67 DC12V Power Supply



Model	Power	Input Voltage	Output Voltage
TF - DC - 12V - 50W	50W	AC220V	DC12V
TF - DC - 12V - 100W	100W	AC220V	DC12V
TF - DC - 12V - 150W	150W	AC220V	DC12V
TF - DC - 12V - 200W	200W	AC220V	DC12V
TF - DC - 12V - 250W	250W	AC220V	DC12V
TF - DC - 12V - 300W	300W	AC220V	DC12V

Wire Diagram

For Single Color



For RGB Color

