

# Small Type Recessed LED Pool Light



HX69B-3  
Symmetrical



**Warning:**  
Must be installed underwater to prevent being damaged from over heating.

## DESCRIPTION

The recessed underwater light series is your solution to tight spaces. Whether installed free-standing or recessed, the HX69B provides sufficient illumination for most residential and indoor water features. This compact fixture is easily hidden from sight or even integrated with the hardscape to achieve better ambience. All NOVA LED lights can be programmed to dim, synchronize to create infinite combinations of kaleidoscopic displays.



**DIMENSIONS** Unit: mm

## SPECIFICATIONS

- ◆ Front cover & Housing: hard chrome plated molding shaped stainless steel SUS 316
- ◆ Light Window: step tempered glass. T=7mm
- ◆ Gasket: silicone gasket
- ◆ Optional lens angle: 9°, 15°, 20°, 30°, 45°, 60°
- ◆ PCB: excellent heat conductivity aluminum, coefficient of heat conductivity  $\geq 2.0w/mk$
- ◆ LED colour temperature: 2,000K•3,000K•6,000K
- ◆ LED Driver: Constant Voltage Input, Constant Current Output
- ◆ Application environment: temperature of water between -20°C~40°C less than 1 meter depth
- ◆ Mounting sleeve: PC/ABS ALLOYS
- ◆ Power cable: 3m STW 18AWG

**Illuminance at a distance**

Distance (m)	Center Beam (LUX)	Angle	Beam Width	
			(V)	(H)
			Vert Spread 30.5	Horiz Spread 29.9
2m	132.37 LUX		1.1 m	1.1 m
4m	33.09 LUX		2.2 m	2.1 m
6m	14.71 LUX		3.3 m	3.2 m
8m	8.27 LUX		4.4 m	4.3 m
10m	5.29 LUX		5.5 m	5.3 m
12m	3.68 LUX		6.5 m	6.4 m

**SLEEVE (Included)**

**A Water stopper (Included)**  
The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is needed to prevent the water vapor go in.

**B IP68 Jiffy quick plug/socket connector (Option)**  
To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

## PERFORMANCE

Type	Light source	The manufacturer selected lens degree(θ1/2)	Input voltage (v)	Typical operating current (mA)	Typical consumption (w)	Typical luminance (lm)	IK rate
HX69B-3	1x3W	30°	24V DC	110	2.6	Cool white=174 Warm white=139	06

# Small Type Recessed LED Pool Light



HX69B-3T  
Symmetrical



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**DIMENSIONS** Unit: mm

## SPECIFICATIONS

- ◆ Front cover & Housing: hard chrome plated molding shaped stainless steel SUS 316
- ◆ Light Window: step tempered glass. T=7mm
- ◆ Gasket: silicone gasket
- ◆ PCB: excellent heat conductivity aluminum, coefficient of heat conductivity  $\geq 2.0w/mk$
- ◆ Application environment: temperature of water between -20°C~40°C less than 1 meter depth
- ◆ Mounting sleeve: PC/ABS ALLOYS
- ◆ Power cable: 3m STW 18AWG

**Illuminance at a distance**

Distance (m)	Center Beam (LUX)	Angle	Beam Width	
			(V)	(H)
			Vert Spread 26	Horiz Spread 25.7
2m	82.44 LUX		0.9m	0.9 m
4m	20.61 LUX		1.8 m	1.8 m
6m	9.16 LUX		2.8 m	2.7 m
8m	5.15 LUX		3.7 m	3.6 m
10m	3.30 LUX		4.6 m	4.6 m
12m	2.29 LUX		5.5 m	5.5 m

**SLEEVE (Included)**

**A Water stopper (Included)**  
The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is needed to prevent the water vapor go in.

**B IP68 Jiffy quick plug/socket connector (Option)**  
To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.

## PERFORMANCE

Type	Light source	The manufacturer selected lens degree(θ1/2)	Input voltage (v)	Typical operating current (mA)	Typical consumption (w)	Typical luminance (lm)	IK rate
HX69B-3T	1x3W RGB 3in1 Full color	30°	24V DC	R=48 G=62 B=62	4.1	103	06

# Underwater LED Spot Light



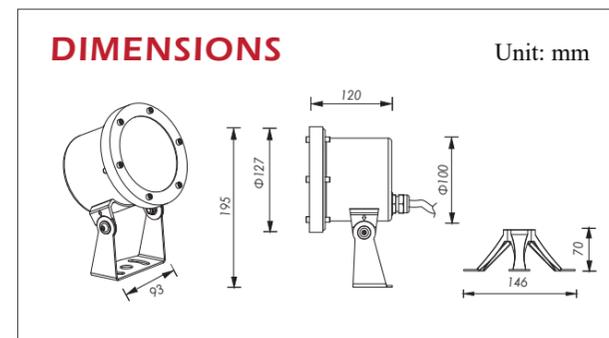
HX127T-18T



## DESCRIPTION

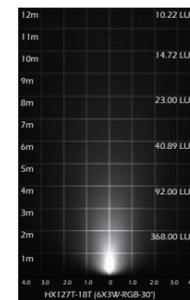
The underwater spot light series offers unparalleled flexibility to match your creativity. The sturdy tripod design does not topple easily even when water movement is very agitated. If preferred, the fixture can also be fixed in place using just the mounting bracket. All NOVA LED lights can be programmed to dim, colour-change and synchronize to create infinite combinations of kaleidoscopic displays.

**Warning:**  
Must be installed in a place where contact water or under water to prevent being damaged from over heating.



## SPECIFICATIONS

- ◆ Front cover & Housing: hard chrome plated molding shaped stainless steel SUS 316L
- ◆ Light Window: PMMA 8mm
- ◆ Gasket: EPDM gasket
- ◆ PCB: excellent heat conductivity aluminum, coefficient of heat conductivity  $\geq 2.0w/mk$
- ◆ Application environment: temperature of water between  $-20^{\circ}C \sim 40^{\circ}C$  less than 1 meter depth
- ◆ Cable gland: IP-68 PG-11 copper with nickel-coated
- ◆ Power cable: 3m STW 18AWG



### Illuminance at a distance

Distance (m)	Center Beam (LUX)	Angle	Beam Width	
			(V)	(H)
2m	368.00 LUX		0.9m	0.9m
4m	92.00 LUX		1.9m	1.9m
6m	40.89 LUX		2.8m	2.8m
8m	23.00 LUX		3.8m	3.7m
10m	14.72 LUX		4.7m	4.7m
12m	10.22 LUX		5.7m	5.6m

## PERFORMANCE

Type	Light source	The manufacturer selected lens degree( $\Theta$ 1/2)	Input voltage (v)	Typical operating current (mA)	Typical consumption (w)	Typical luminance (lm)	IK rate
HX127T-18T	6x3W RGB 3in1	30°	24V DC	1000	24	528	10

# Underwater LED Spot Light



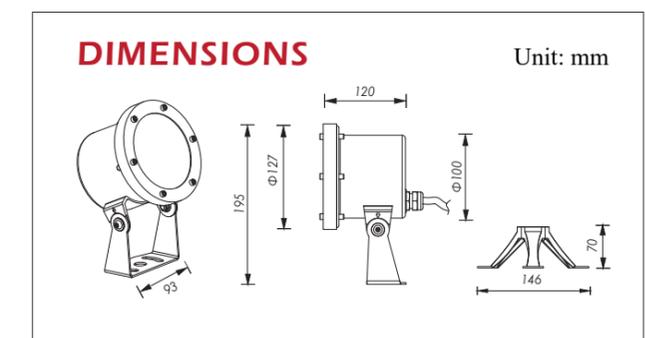
HX127T-18QD



## DESCRIPTION

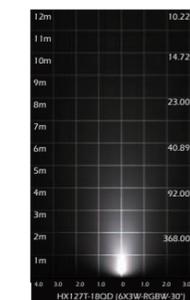
The underwater spot light series offers unparalleled flexibility to match your creativity. The sturdy tripod design does not topple easily even when water movement is very agitated. If preferred, the fixture can also be fixed in place using just the mounting bracket. RDM function: DMX address to be read and written. Provide operating voltage, current and temperature of light.

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## SPECIFICATIONS

- ◆ Front cover & Housing: hard chrome plated molding shaped stainless steel SUS 316L
- ◆ Light Window: PMMA 8mm
- ◆ Gasket: EPDM gasket
- ◆ PCB: excellent heat conductivity aluminum, coefficient of heat conductivity  $\geq 2.0w/mk$
- ◆ LED Driver: Constant Voltage Input, Constant Current Output
- ◆ Application environment: temperature of water between  $-20^{\circ}C \sim 40^{\circ}C$  less than 1 meter depth
- ◆ Built-in Overheat Sensor System: Automatic Shutdown at  $75^{\circ}C$
- ◆ Cable gland: IP-68 PG-11 copper with nickel-coated
- ◆ Power cable: 3m H05RR-F
- ◆ Signal type: DMX512/RDM signal



### Illuminance at a distance

Distance (m)	Center Beam (LUX)	Angle	Beam Width	
			(V)	(H)
2m	641.37 LUX		1.1m	1.1m
4m	160.34 LUX		2.3m	2.2m
6m	71.26 LUX		3.4m	3.3m
8m	40.09 LUX		4.5m	4.4m
10m	25.65 LUX		5.6m	5.5m
12m	17.82 LUX		6.8m	6.6m

## PERFORMANCE

Type	Light source	The manufacturer selected lens degree( $\Theta$ 1/2)	Input voltage (v)	Typical operating current (mA)	Typical consumption (w)	Typical luminance (lm)	IK rate
HX127T-18QD	6x3W RGB 4in1	30°	24V DC	1000	24	1145	10

# Underwater LED Spot Light



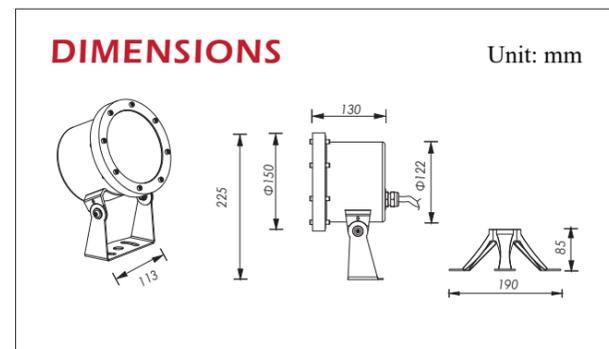
HX150T-30T



## DESCRIPTION

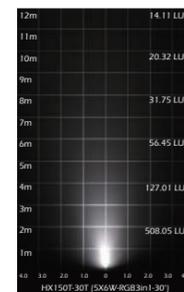
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- ◆ Gasket: EPDM gasket
- ◆ PCB: excellent heat conductivity aluminum, coefficient of heat conductivity  $\geq 2.0 \text{w/mk}$
- ◆ Application environment: temperature of water between  $-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$  less than 1 meter depth
- ◆ Cable gland: IP-68 PG-11 copper with nickel-coated
- ◆ Power cable: 3m STW 18AWG



### Illuminance at a distance

Distance (m)	Center Beam (LUX)	Angle	Beam Width	
			(V)	(H)
2m	508.05 LUX		1.1m	1.1m
4m	127.01 LUX		2.1m	2.1m
6m	56.45 LUX		3.2m	3.2m
8m	31.75 LUX		4.3m	4.2m
10m	20.32 LUX		5.3m	5.3m
12m	14.11 LUX		6.4m	6.3m

## PERFORMANCE

Order No.	Light source	The manufacturer selected lens degree( $\theta/2$ )	Input voltage (v)	Typical operating current (mA)	Typical consumption (w)	Typical luminance (lm)	IK rate
HX150T-30T	6x5W RGB 3in1	30°	24V DC	1600	38.4	835	10

# Underwater LED Spot Light



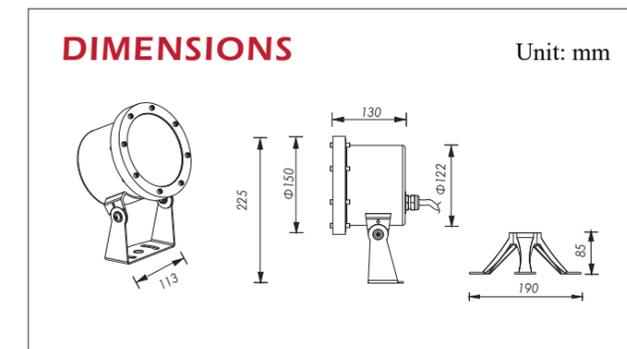
HX150T-30QD



## DESCRIPTION

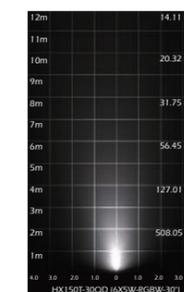
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- ◆ Built-in Overheat Sensor System: Automatic Shutdown at  $75^{\circ}\text{C}$
- ◆ Cable gland: IP-68 PG-11 copper with nickel-coated
- ◆ Power cable: 3m H05RR-F
- ◆ Signal type: DMX512/RDM signal



### Illuminance at a distance

Distance (m)	Center Beam (LUX)	Angle	Beam Width	
			(V)	(H)
2m	1161.42 LUX		1.1m	1.1m
4m	290.36 LUX		2.3m	2.1m
6m	129.05 LUX		3.4m	3.2m
8m	72.59 LUX		4.5m	4.3m
10m	46.46 LUX		5.6m	5.3m
12m	32.26 LUX		6.8m	6.4m

## PERFORMANCE

Order No.	Light source	The manufacturer selected lens degree( $\theta/2$ )	Input voltage (v)	Typical operating current (mA)	Typical consumption (w)	Typical luminance (lm)	IK rate
HX150T-30QD	6x5W RGBW 4in1	30°	24V DC	1500	36	1837	10