It will easily light up your pond or waterfall at night, and give you the display that even professionals will envy.

Submersible LED Lights

HG-FTN LED lights are capable of being placed above or below the water line. This feature allows you to create lighting accents in endless combinations. The LED lights also are capable of being placed underwater exclusively, which means your fish or underwater landscape can become the focal point of your pond experience. HG-FTN will easily light up your pond or waterfall at night, and give you the display that even professionals will envy.

Specifications

Control Method	Wifi control
Color	RGB
Cable Connection	4 wires
Body Material	316 stainless steel
Size	179mmD x 77mmH x 50mm
Number of LED	12 x 1W
Input Voltage	AC/DC 12V
Watts Used	12W
Power Consumption	1.17A
Lumens per Watt	80.19 lm/w
Max Lumens:	1,130.90 lm
Working Temperature	0 - 40 ^{0}C
Beam Angle	15/25/30/45/60°
IP Rating	IP.68
Useful LED Life	50,000 hrs average
Warranty	2 years

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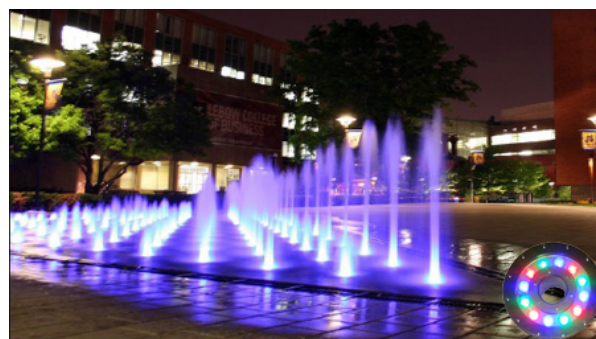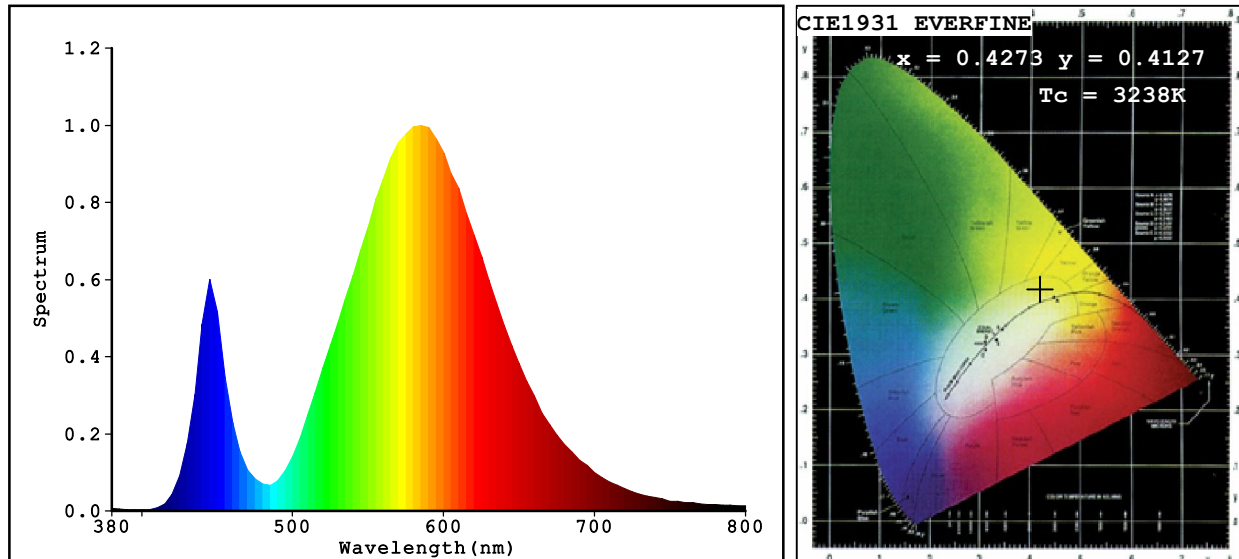
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Specifications

Control Method	External control
Color	RGB
Cable Connection	4 wires
Body Material	316 stainless steel
Size	179mmD x 77mmH x 50mm
Number of LED	12 x 1W
Input Voltage	AC/DC 12V
Watts Used	12W
Power Consumption	1.17A
Lumens per Watt	80.19 lm/w
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Light Source Test Report

Color Parameters:

Chromaticity Coordinate:x=0.4273   y=0.4127/u'=0.2408   v'=0.5233

Tc=3238K   Dominant WL:Ld=580.2nm   Purity=52.2% Centroid WL:580.0nm

Ratio:R=19.8% G=79.0% B=1.3%   Peak WL:Lp=585.0nm   HWL:107.5nm

Render Index:Ra=62.4

R1 =56	R2 =73	R3 =87	R4 =57	R5 =55	R6 =59	R7 =76
R8 =35	R9 =-63	R10=37	R11=47	R12=26	R13=59	R14=92	R15=50

Photo Parameters:

Flux: 1130.9 lm   Fe: 3.0468 W   Efficacy:80.19 lm/W

LEVEL: WHITE:ANSI_3500K

Electrical Parameters:

Luminaire: U=14.22V   I=1.173A   P=14.10W PF=0.8452

Instrument Status:
Scan Range:380.0nm-800.0nm   Interval:5.0nm[0]   Ip=29812(G=5,D=51)
REF=51347(R=4)   %=-0.156%   PMT: 22.6 centigrade [23.5]

Product Type:样品   Manufacturer:Heguang Lighting Co.,LTD
Number:HG-PQX-12X1W-暖白   Test Department:Heguang Lighting Co.,LTD
Temperature:25.3 deg   Humidity:65.0%
Test Operator: Test Date:2015-01-29 20:48:58
Software:V2.00.100   Instrument:PMS-80_V1 (SN:1011025)