



HG-FTN-12x3W

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



Submersible LED Lights

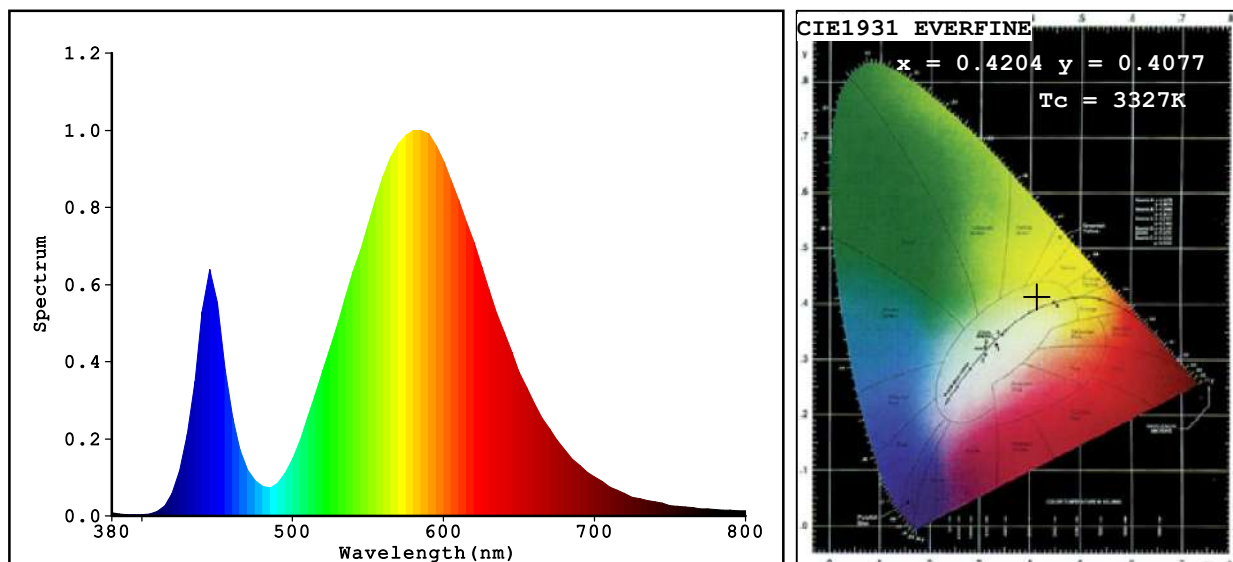
HG-FTN LED lights are capable of being placed above or below the water line. This feature allows you to create lighting accents in endless combinations. The LED lights also are capable of being placed underwater exclusively, which means your fish or underwater landscape can become the focal point of 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

Single Color	W/R/G/B/Y
Cable Connection	2 wires
Body Material	316 stainless steel
Size	179mmD x 77mmH x 50mm
Number of LED	12 x 3W
Input Voltage	AC/DC 12V
Watts Used	18W
Power Consumption	2.15A
Lumens per Watt	58.34 lm/w
Max Lumens:	1,540.90 lm
Working Temperature	0 - 40 °C
Beam Angle	25/30/45/60°
IP Rating	IP.68
Useful LED Life	50,000 hrs average
Warranty	2 years



Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4204$ $y=0.4077$ $u'=0.2385$ $v'=0.5203$
Tc=3327K Dominant WL:Ld=580.0nm Purity=48.5% Centroid WL:578.0nm
Ratio:R=19.3% G=79.3% B=1.4% Peak WL:Lp=585.0nm HWL:107.9nm
Render Index:Ra=62.4
R1 =57 R2 =73 R3 =86 R4 =58 R5 =55 R6 =59 R7 =76
R8 =36 R9 =-63 R10=36 R11=47 R12=27 R13=59 R14=92 R15=50

Photo Parameters:

Flux: 1540.9 lm Fe: 4.1820 W Efficacy:58.34 lm/W
LEVEL: WHITE:ANSI_3500K

Electrical Parameters:

Luminaire: U=14.02V I=2.146A P=26.41W PF=0.8777

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=7044 (R=3) %=-0.245%

Ip=42537 (G=5,D=50)
PMT: 22.4 centigrade [23.7]

Product Type:样品
Number:HG-PQX-12X3W暖白
Temperature:25.3 deg
Test Operator:
Software:V2.00.100

Manufacturer:Heguang Lighting Co.,LTD
Test Department:Heguang Lighting Co.,LTD
Humidity:65.0%
Test Date:2015-01-29 20:36:06
Instrument:PMS-80_V1 (SN:1011025)