



HG-FTN-9x3W

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



Submersible LED Lights

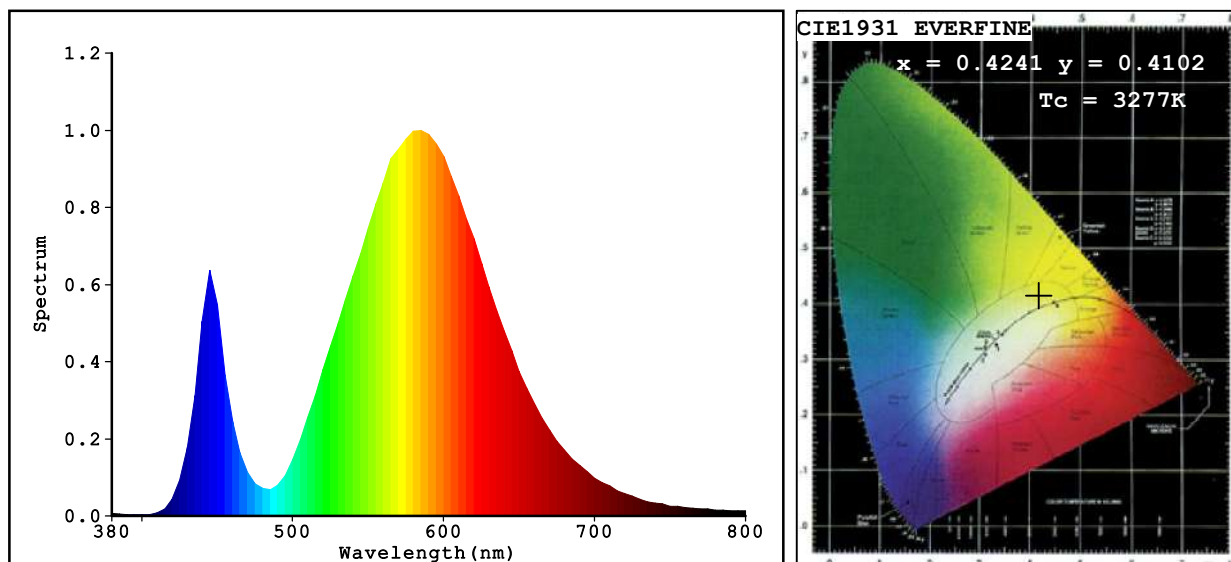
HG-FTN LED lights are capable of being placed above or below the water line. This feature allows you to create lighting accents in endless combinations. The LED lights also are capable of being placed underwater exclusively, which means your fish or underwater landscape can become the focal point of 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
Cable Connection	2 wires
Body Material	316 stainless steel
Size	179mmD x 77mmH x 50mm
Number of LED	9 x 3W
Input Voltage	AC/DC 12V
Watts Used	15W
Power Consumption	0.80A
Lumens per Watt	84.80 lm/w
Max Lumens:	796.12 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: $x=0.4241$ $y=0.4102$ $u'=0.2398$ $v'=0.5219$
 $T_c=3277K$ Dominant WL: $\lambda_d=580.1nm$ Purity=50.4% Centroid WL: $579.0nm$
Ratio: R=19.7% G=79.0% B=1.3% Peak WL: $\lambda_p=585.0nm$ HWL: $108.2nm$
Render Index: $R_a=62.7$
R1 =57 R2 =73 R3 =87 R4 =58 R5 =55 R6 =60 R7 =76
R8 =36 R9 =-63 R10=37 R11=48 R12=27 R13=59 R14=92 R15=50

Photo Parameters:

Flux: 796.12 lm Fe: 2.1492 W Efficacy: 84.80 lm/W
LEVEL: WHITE: ANSI_3500K

Electrical Parameters:

Luminaire: U=14.30V I=0.8024A P=9.388W PF=0.8185

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]
REF=36162 (R=4) %=-0.142%

$I_p=21937 (G=5, D=51)$
PMT: 22.6 centigrade [23.6]

Product Type: 样品
Number: HG-PQX-9X1W-暖白
Temperature: 25.3 deg
Test Operator:
Software: V2.00.100

Manufacturer: Huguang Lighting Co., LTD
Test Department: Huguang Lighting Co., LTD
Humidity: 65.0%
Test Date: 2015-01-29 20:44:01
Instrument: PMS-80_V1 (SN:1011025)