



HG-UL-3X1W

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



Submersible LED Lights

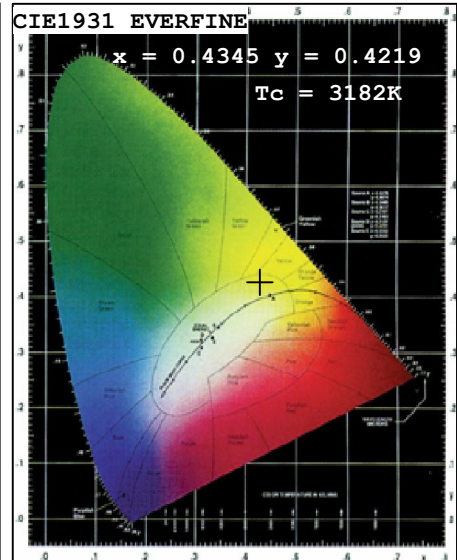
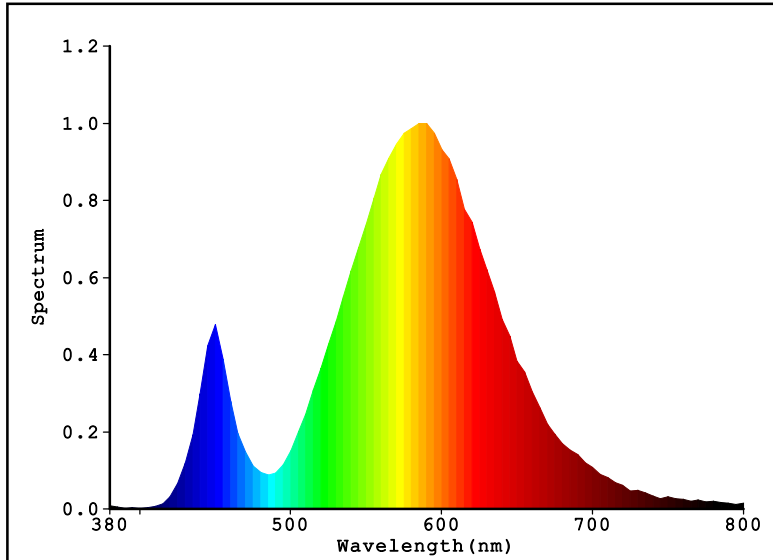
HG-UL LED lights are capable of being placed above or below the water line. This feature allows you to create lighting accents in endless combinations. The LED lights also are capable of being placed underwater exclusively, which means your fish or underwater landscape can become the focal point of your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

Specifications

| | |
|---------------------|---------------------|
| Single Color: | White/R/G/B/Y |
| Cable Connection | 2 wires |
| Body Material | 316 stainless steel |
| Size | 124.5mmDia x 115mmH |
| Number of LED | 3 x 1W |
| Input Voltage | AC/DC 12V |
| Watts Used | 3W |
| Power Consumption | 0.33A |
| Lumens per Watt | 67.95 lm/w |
| Max Lumens: | 215.57 lm |
| Working Temperature | 0 - 40 °C |
| Beam Angle | 15/25/30/45/60° |
| IP Rating | IP.68 |
| Useful LED Life | 50,000 hrs average |
| Warranty | 2 years |



Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4345$ $y=0.4219$ $u'=0.2416$ $v'=0.5278$
Tc=3182K Dominant WL:Ld=579.7nm Purity=57.1% Centroid WL:582.0nm
Ratio:R=20.1% G=78.5% B=1.3% Peak WL:Lp=590.0nm HWL:108.4nm
Render Index:Ra=63.5
R1 =57 R2 =74 R3 =89 R4 =58 R5 =56 R6 =61 R7 =77
R8 =36 R9 =-61 R10=40 R11=47 R12=26 R13=60 R14=93 R15=50

Photo Parameters:

Flux: 215.57 lm Fe: 0.57610 W Efficacy:67.95 lm/W
LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=12.19V I=0.3300A P=3.172W PF=0.7885

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=27813 (G=6,D=63)
REF=10604 (R=4) %=-0.076% PMT: 26.8 centigrade [27.3]

Product Type:15CA00004
Number:P20U-3X1W-SS-3000K
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:2015-05-06 14:54:20
Instrument:PMS-80_V1 (SN:1011025)