



#### HG-UG-3W

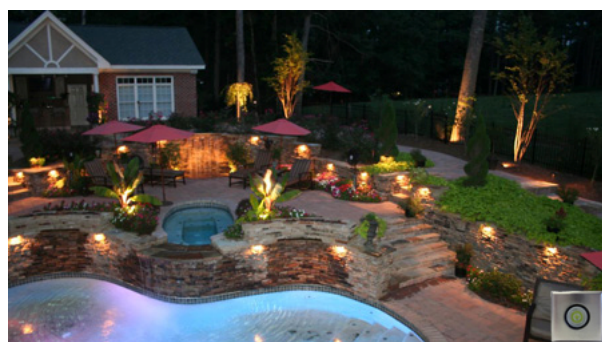
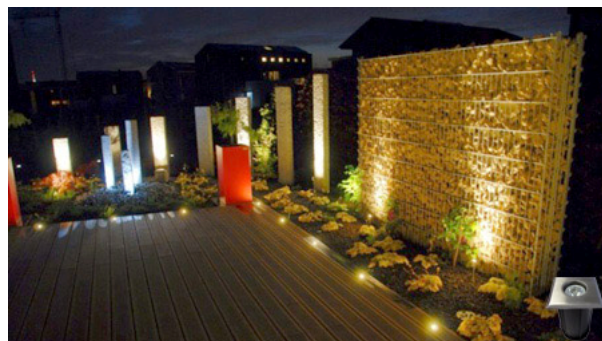
*It will easily light up your landscape or waterfall at night, and give you the display that even professionals will envy.*

### In-ground LED Lights

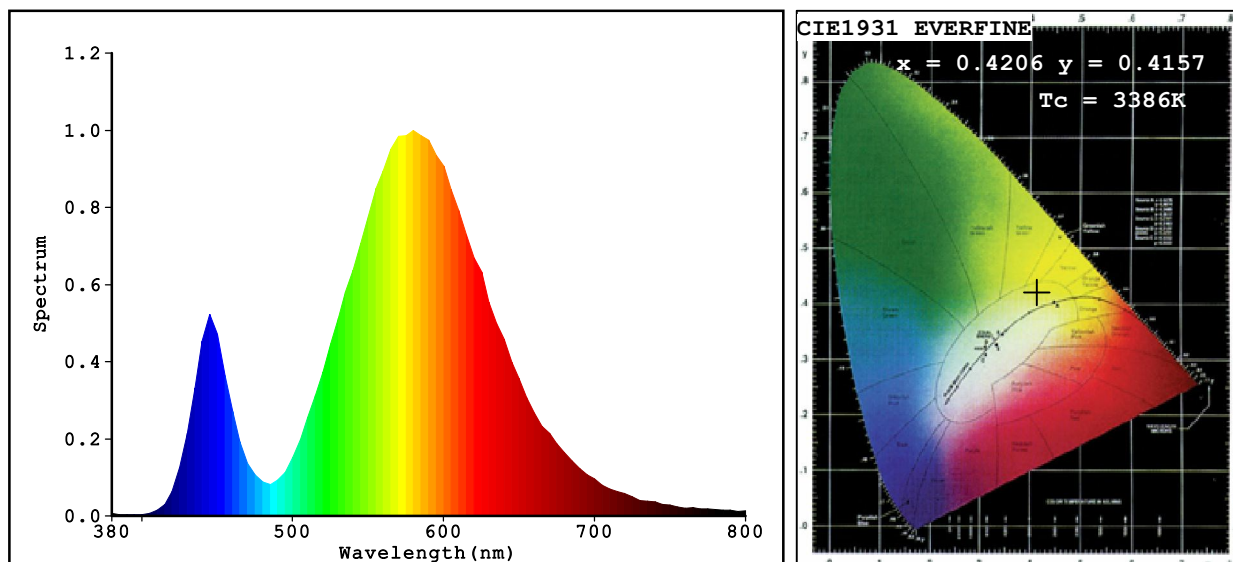
HG-UG LED lights are capable of being placed above ground or below the water line. This feature allows you to create lighting accents in endless combinations. The LED lights also are capable of being placed in ground or underwater exclusively, which means your gardens or fountains can become the focal point of your landscape experience. HG-UG will easily light up your gardens or waterfalls 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	304 stainless steel
Size	42mmDia x 73mmH
Number of LED	1ea
Input Voltage	AC/DC 12V
Watts Used	3W
Power Consumption	0.37A
Lumens per Watt	52.20 lm/w
Max Lumens:	200.76 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:  $x=0.4206$   $y=0.4157$   $u'=0.2354$   $v'=0.5235$   
Tc=3386K Dominant WL:Ld=578.8nm Purity=51.0% Centroid WL:577.0nm  
Ratio:R=18.7% G=80.0% B=1.4% Peak WL:Lp=580.0nm HWL:105.9nm  
Render Index:Ra=61.2  
R1 =55 R2 =71 R3 =86 R4 =56 R5 =53 R6 =57 R7 =76  
R8 =35 R9 =-70 R10=33 R11=45 R12=24 R13=57 R14=92 R15=47

### Photo Parameters:

Flux: 200.76 lm Fe: 0.53414 W Efficacy:52.20 lm/W  
LEVEL: WHITE:OUT

### Electrical Parameters:

Luminaire: U=12.59V I=0.3746A P=3.846W PF=0.8153

#### Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  
REF=9189(R=4) %=-1.355%

Ip=24199(G=6,D=53)  
PMT: 20.8 centigrade [20.8]

Product Type:样品15HK00047  
Number:HG-UG-3W 暖白  
Temperature:25.3 deg  
Test Operator:  
Software:V2.00.100

Manufacturer:Heguang Lightlmg CO.,LTD  
Test Department:Heguang Lightlmg CO.,LTD  
Humidity:65.0%  
Test Date:2015-02-04 10:49:29  
Instrument:PMS-80\_V1 (SN:1011025)