



HG-UG-9W

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

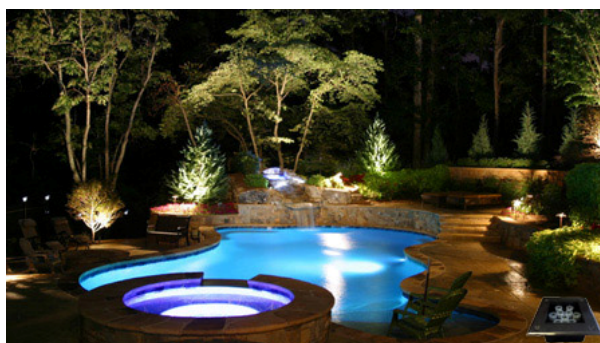
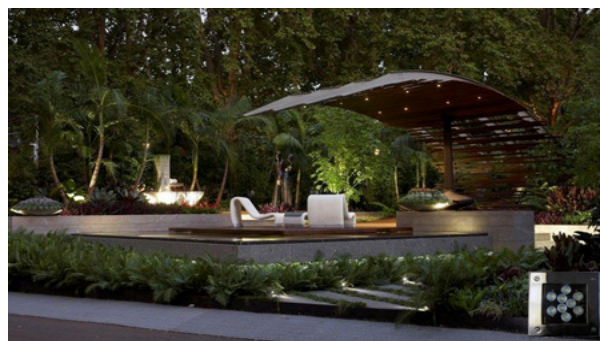


In-ground LED Lights

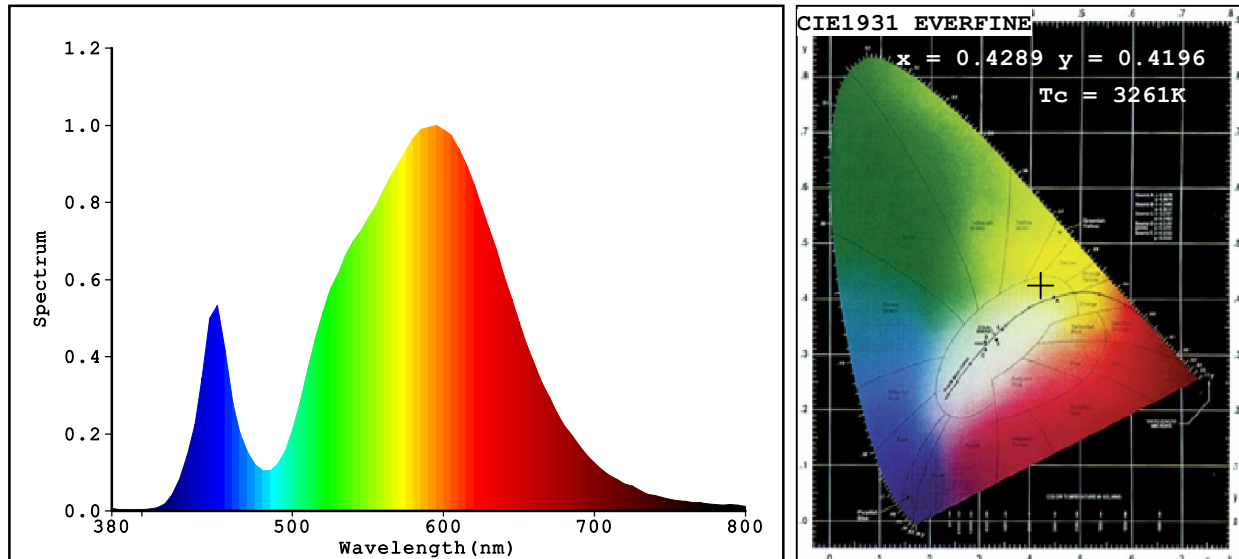
HG-UG LED lights are capable of being placed above ground or below the water line. This feature allows you to create lighting accents in endless combinations. The LED lights also are capable of being placed in ground or underwater exclusively, which means your gardens or fountains can become the focal 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	150 x 150 x 75 mmH
Number of LED	9 ea
Input Voltage	AC/DC 12V or 220V
Watts Used	9 W
Power Consumption	0.05 A
Lumens per Watt	69.06 lm/w
Max Lumens:	727.34 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: $x=0.4289$ $y=0.4196$ $u'=0.2391$ $v'=0.5262$
 $T_c=3261K$ Dominant WL: $\lambda_d=579.3nm$ Purity: 54.7% Centroid WL: 583.0nm
Ratio: R=21.2% G=77.3% B=1.5% Peak WL: $\lambda_p=595.0nm$ HWL: 130.4nm
Render Index: $R_a=72.4$
R1 =69 R2 =79 R3 =89 R4 =71 R5 =67 R6 =70 R7 =83
R8 =50 R9 =-27 R10=51 R11=66 R12=41 R13=70 R14=93 R15=61

Photo Parameters:

Flux: 727.34 lm Fe: 2.0266 W Efficacy: 69.06 lm/W
LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=220.9V I=0.05023A P=10.53W PF=0.9494

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]
REF=36720 (R=4) %=-0.287%

$I_p=18189 (G=5, D=52)$
PMT: 25.9 centigrade [27.2]

Product Type: 15HK00047
Number: HG-UG-9W
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: 2015-02-26 14:18:27
Instrument: PMS-80_V1 (SN:1011025)