



**HG-PL-12W-V  
(S5730)**

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



## LED Surface Mounted Swimming Pool Light

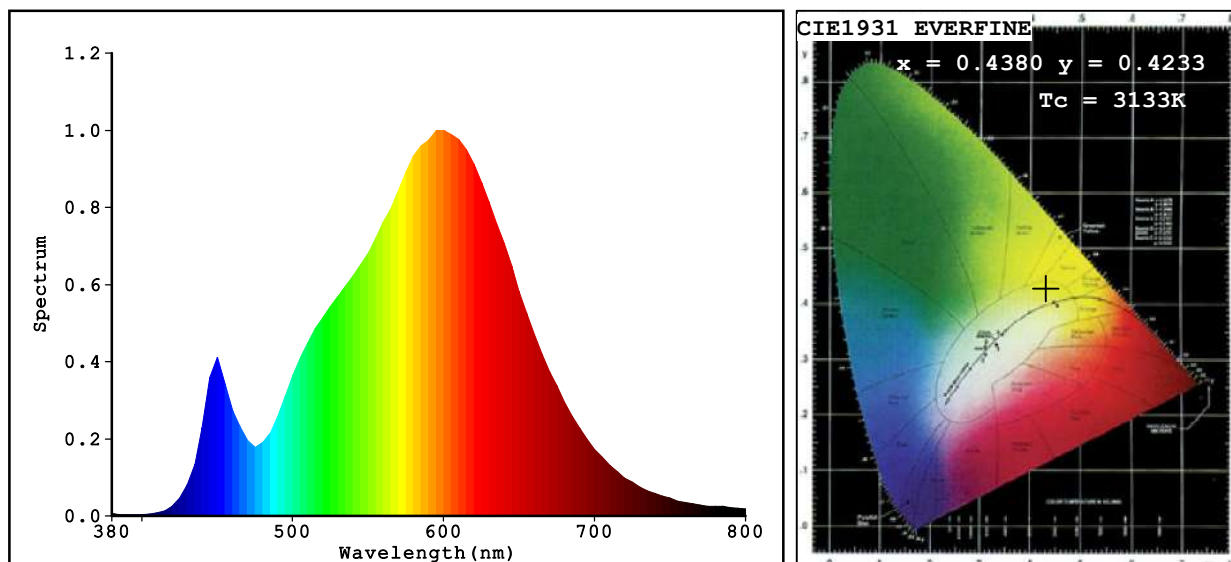
Installing P56M swimming pool lamps to your swimming pool means you can also enjoy a swim at night. It also adds to the beauty of both the pool itself and the surrounding area. The combination of lights, music and color will help you create the right atmosphere at the right time and for each state of mind. And we always use lamps with cutting-edge technology to guarantee maximum durability and very low consumption. With PAR56M , you can enjoy a unique swimming pool every day.

### Specifications

Single Color	W/R/B/G/Y
Cable Connection	2 wires
Body Material	ABS + Transparent PC cover
Dimension	Φ290*150.6mm
LED Type	SMD5730
Number of LED	48
Input Voltage	AC/DC 12V - 13V
Frequency	50-60Hz
Watts Used	21±1 W
Power Consumption	1.217 A
Lumens per Watt	53.75 lm/w
Max Lumens:	722.65 lm
Working Temperature	0 - 40 °C
Beam Angle	120°
Application	Fresh and salt water
IP Rating	IP.68
Useful LED Life	30,000 hrs average
Warranty	2 years



## Light Source Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4380$   $y=0.4233$   $u'=0.2432$   $v'=0.5289$   
Tc=3133K Dominant WL:Ld=579.9nm Purity=58.5% Centroid WL:588.0nm  
Ratio:R=22.9% G=75.0% B=2.1% Peak WL:Lp=600.0nm HWL:140.0nm  
Render Index:Ra=80.6  
R1 =77 R2 =87 R3 =97 R4 =79 R5 =77 R6 =84 R7 =86  
R8 =58 R9 =-1 R10=71 R11=77 R12=62 R13=79 R14=98 R15=69

### Photo Parameters:

Flux: 722.65 lm Fe: 2.1414 W Efficacy:53.75 lm/W  
LEVEL: WHITE:OUT

### Electrical Parameters:

Luminaire: U=13.30V I=1.217A P=13.44W PF=0.8306

#### Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  
REF=41555 (R=4) %=-0.225%

Ip=23584 (G=5,D=54)  
PMT: 27.1 centigrade [26.4]

Product Type:15HK00047  
Number:HG-PL-12W  
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:2015-03-23 16:47:25  
Instrument:PMS-80\_V1 (SN:1011025)