



HG-PL-18x1W-C1

*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

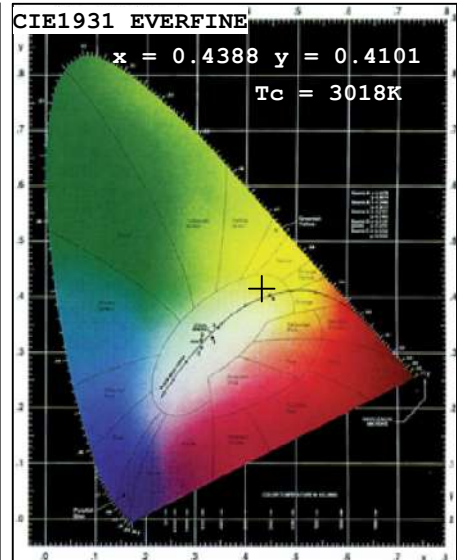
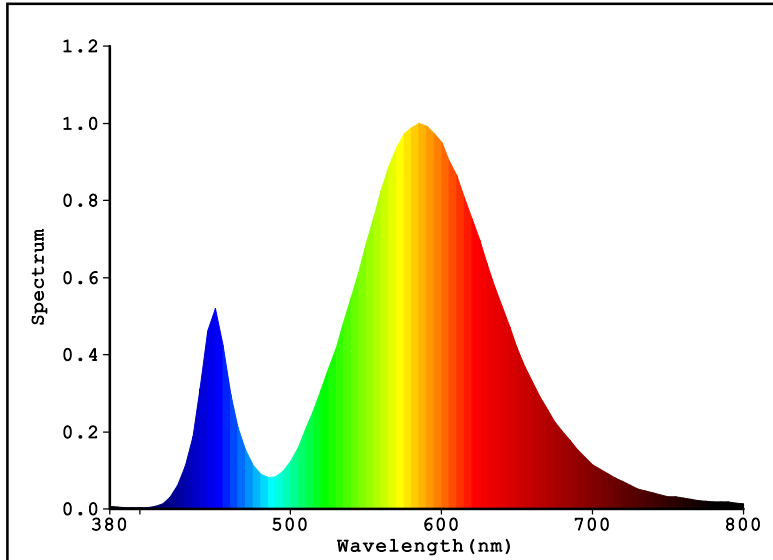
Installing P56M swimming pool lamps to your swimming pool means you can also enjoy a swim at night. It also adds to the beauty of both the pool itself and the surrounding area. The combination of lights, music and color will help you create the right atmosphere at the right time and for each state of 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

Color	RGB
Cable Connection	4 wires
Body Material	ABS + Transparent PC cover
Size	290mmD x 49.5mmH
Number of LED	18 x 1W
Input Voltage	AC/DC 12V
Frequency	50~60Hz
Watts Used	18±1W
Power Consumption	1.78 A
Lumens per Watt	59.85 lm/w
Max Lumens:	1221 .0lm
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:  $x=0.4388$   $y=0.4101$  /  $u'=0.2492$   $v'=0.5240$   
 $T_c=3018K$  Dominant WL:  $L_d=582.0nm$  Purity=54.8% Centroid WL: 585.0nm  
Ratio: R=21.4% G=77.2% B=1.4% Peak WL:  $L_p=585.0nm$  HWL: 106.0nm  
Render Index:  $R_a=63.1$   
R1 =57 R2 =75 R3 =90 R4 =55 R5 =55 R6 =62 R7 =75  
R8 =34 R9 =-57 R10=43 R11=43 R12=29 R13=60 R14=94 R15=51

#### Photo Parameters:

Flux: 1221.0 lm Fe: 3.3776 W Efficacy: 59.85 lm/W  
LEVEL: WHITE: ANSI\_3000K

#### Electrical Parameters:

Luminaire: U=13.46V I=1.780A P=20.40W PF=0.8517

#### Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm [0]  $I_p=40566 (G=5, D=59)$   
REF=7165 (R=3) %=-0.298% PMT: 32.9 centigrade [32.2]

Product Type:  
Number: HG-PL-18X1W  
Temperature: 25.3 deg  
Test Operator:  
Software: V2.00.100

Manufacturer: Huguang Ligthing Co., LTD  
Test Department: Huguang Ligthing Co., LTD  
Humidity: 65.0%  
Test Date: 2015-06-15 11:39:06  
Instrument: PMS-80\_V1 (SN: 1011025)