



**HG-PL-20W-C1
(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

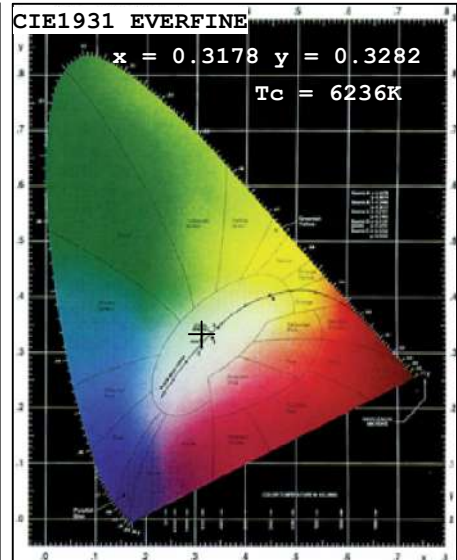
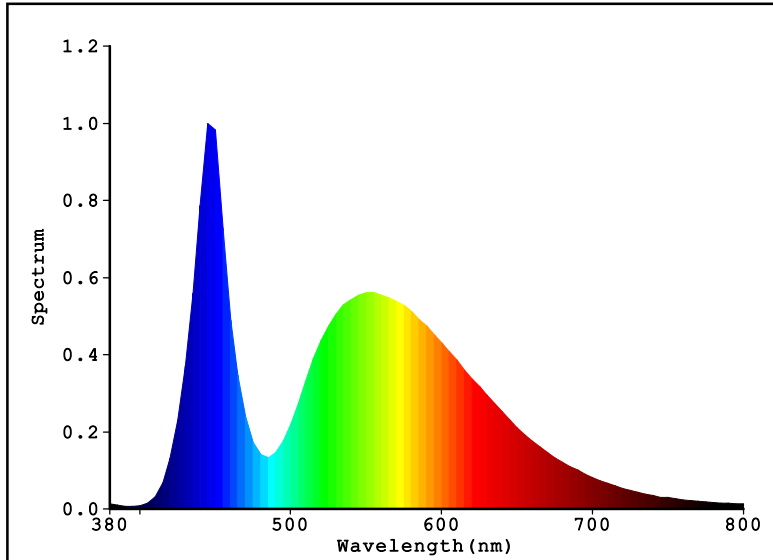
Installing P56M swimming pool lamps to your swimming pool means you can also enjoy a swim at night. It also adds to the beauty of both the pool itself and the surrounding area. The combination of lights, music and color will help you create the right atmosphere at the right time and for each state of 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
Size	290mmD x 49.5mmH
LED Type	SMD5730
Number of LED	48
Input Voltage	AC/DC 12V
Frequency	50~60Hz
Watts Used	21±1w
Power Consumption	1.885A
Lumens per Watt	62.76 lm/w
Max Lumens:	1774.0lm
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: $x=0.3178$ $y=0.3282$ $u'=0.2017$ $v'=0.4686$
 $T_c=6236K$ Dominant WL: $L_d=487.4nm$ Purity=5.6% Centroid WL: $546.0nm$
 Ratio: $R=14.1\%$ $G=82.3\%$ $B=3.6\%$ Peak WL: $L_p=445.0nm$ HWL: $26.3nm$
 Render Index: $R_a=74.2$
 $R_1=74$ $R_2=76$ $R_3=76$ $R_4=76$ $R_5=75$ $R_6=68$ $R_7=81$
 $R_8=67$ $R_9=-5$ $R_{10}=42$ $R_{11}=74$ $R_{12}=47$ $R_{13}=73$ $R_{14}=86$ $R_{15}=71$

Photo Parameters:

Flux: 1774.0 lm Fe: 5.8259 W Efficacy: 62.76 lm/W
 LEVEL: WHITE:ANSI_6500K

Electrical Parameters:

Luminaire: U= $15.00V$ I= $1.885A$ P= $28.27W$ PF= 1.000

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$ $I_p=40817(G=4,D=53)$
 REF= $10189(R=3)$ $\%=-0.398\%$ PMT: 30.0 centigrade [29.0]

Product Type:
 Number: HG-PL-20W
 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: 2015-06-16 08:54:59
 Instrument: PMS-80_V1 (SN:1011025)