



**HG-PL-12W-C
(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

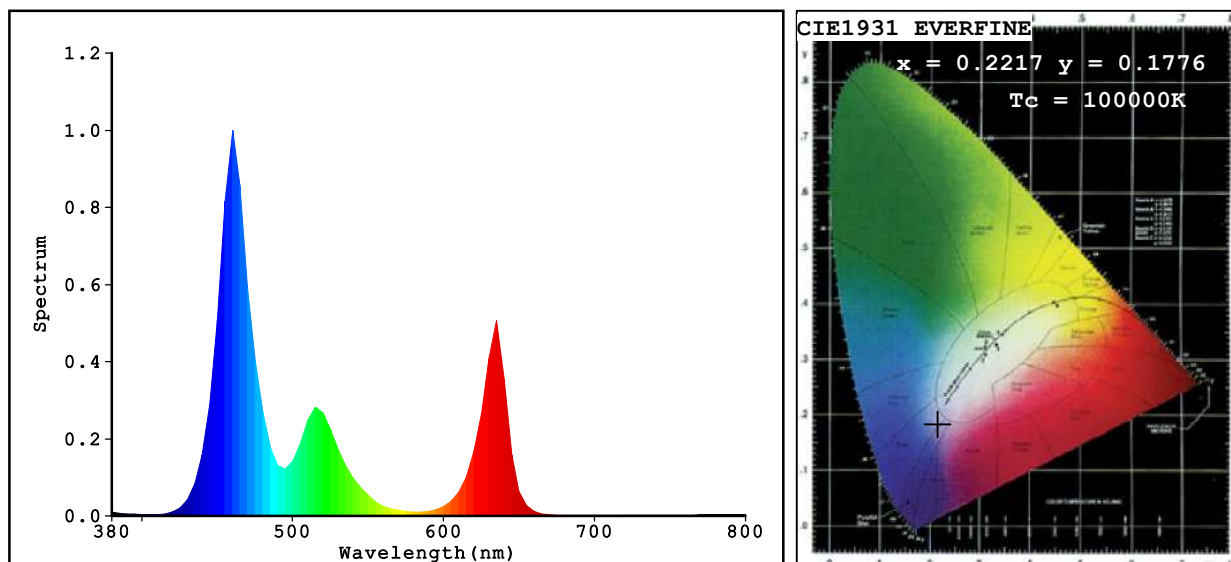
Installing P56M swimming pool lamps to your swimming pool means you can also enjoy a swim at night. It also adds to the beauty of both the pool itself and the surrounding area. The combination of lights, music and color will help you create the right atmosphere at the right time and for each state of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

Color	RGB
Cable Connection	4 wires
Body Material	ABS + Transparent PC cover
Dimension	Φ250*47mm
LED Type	SMD5730
Number of LED	36
Input Voltage	AC/DC 12V
Frequency	50~60Hz
Watts Used	16±1W
Power Consumption	0.9326A
Lumens per Watt	22.11 lm/w
Max Lumens:	257.70lm
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: $x=0.2217$ $y=0.1776$ $u'=0.1892$ $v'=0.3409$
 $T_c=100000K$ Dominant WL:Ld=467.8nm Purity=54.7% Centroid WL:479.0nm
Ratio:R=23.9% G=58.6% B=17.5% Peak WL:Lp=460.0nm HWL:22.6nm
Render Index:Ra=27.9
R1 =7 R2 =23 R3 =47 R4 =51 R5 =32 R6 =25 R7 =55
R8 =-16 R9 =-308 R10=-88 R11=39 R12=23 R13=2 R14=70 R15=-22

Photo Parameters:

Flux: 257.70 lm Fe: 1.5383 W Efficacy:22.11 lm/W
LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=12.50V I=0.9326A P=11.66W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=14328 (R=4) %=-0.373%

$I_p=27772$ (G=4,D=52)
PMT: 28.9 centigrade [29.0]

Product Type:15HD00306
Number:HG-PL-12W
Temperature:25.3 deg
Test Operator:
Software:V2.00.100

Manufacturer:Heguang Ligthing Co.,LTD
Test Department:Heguang Ligthing Co.,LTD
Humidity:65.0%
Test Date:2015-06-12 17:49:04
Instrument:PMS-80_V1 (SN:1011025)