



**HG-PL-20W-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

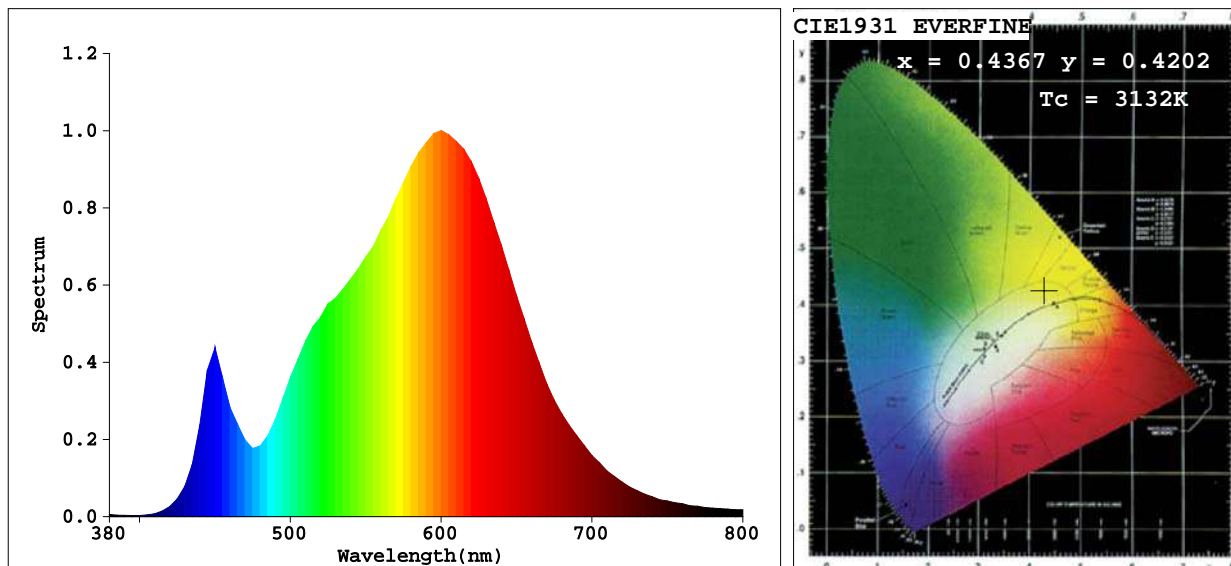
Installing P56M swimming pool lamps to your swimming pool means you can also enjoy a swim at night. It also adds to the beauty of both the pool itself and the surrounding area. The combination of lights, music and color will help you create the right atmosphere at the right time and for each state of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

Color	RGB
Cable Connection	4 wires
Body Material	ABS + Transparent PC cover
Dimension	Φ290*150.6mm
LED Type	SMD5730
Number of LED	48
Input Voltage	AC/DC 12V
Frequency	50~60Hz
Watts Used	21±1W
Power Consumption	1.454 A
Lumens per Watt	74.68 lm/w
Max Lumens:	1737.3 lm
Working Temperature	0~40
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:  $x=0.4367$   $y=0.4202$   $u'=0.2437$   $v'=0.5275$

$T_c=3132K$  Dominant WL:  $L_d=580.2nm$  Purity: 57.2% Centroid WL: 588.0nm

Ratio: R=23.2% G=74.7% B=2.1% Peak WL:  $L_p=600.0nm$  HWL: 139.4nm

Render Index:  $R_a=81.5$

R1 =79 R2 =88 R3 =97 R4 =81 R5 =79 R6 =85 R7 =85

R8 =59 R9 =1 R10=72 R11=79 R12=64 R13=80 R14=98 R15=70

### Photo Parameters:

Flux: 1737.3 lm Fe: 5.1310 W Efficacy: 74.68 lm/W

LEVEL: WHITE:OUT

### Electrical Parameters:

Luminaire: U=16.00V I=1.454A P=23.26W PF=1.000

#### Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]

REF=8213(R=3)

%=-0.099%

$I_p=53646(G=5,D=55)$

PMT: 28.5 centigrade [27.9]

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Product Type: 17HS00142  
Number: HG-PL-20W-C1  
Temperature: 25.3 deg  
Test Operator: DAMIN  
Software: V2.00.100

Manufacturer: Huguang Lighting Co., Ltd  
Test Department: Huguang Lighting Co., Ltd  
Humidity: 65.0%  
Test Date: 2017-04-19 08:54:38  
Instrument: PMS-80\_V1 (SN: 1011025)