



HG-PL-105S5-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

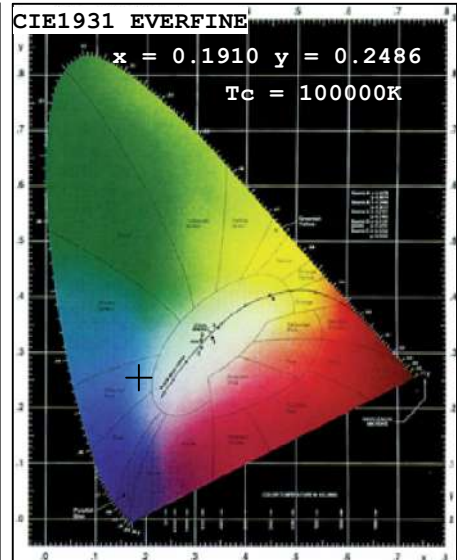
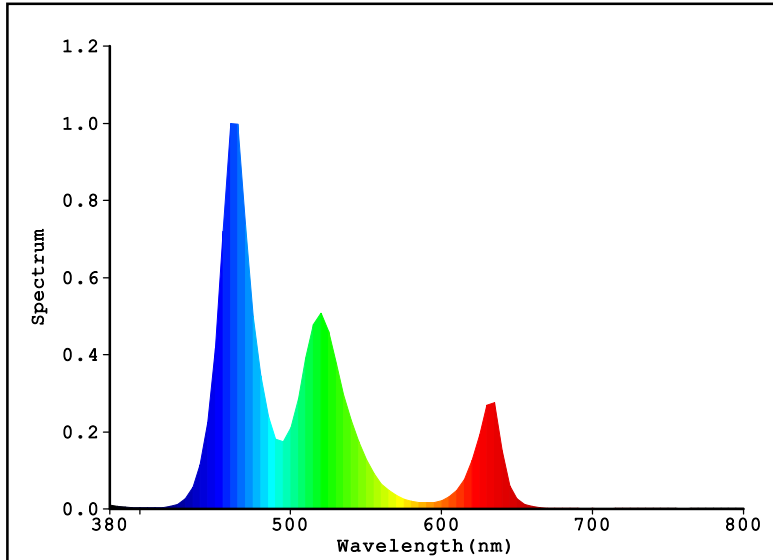
Installing P56M swimming pool lamps to your swimming pool means you can also enjoy a swim at night. It also adds to the beauty of both the pool itself and the surrounding area. The combination of lights, music and color will help you create the right atmosphere at the right time and for each state of 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       | 105                        |
| Input Voltage       | AC/DC 12V-13V              |
| Frequency           | 50~60Hz                    |
| Watts Used          | 17±1 W                     |
| Power Consumption   | 1.450A                     |
| Lumens per Watt     | 24.06 lm/w                 |
| Max Lumens:         | 440. 59lm                  |
| 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:  $x=0.1910$   $y=0.2486$   $u'=0.1364$   $v'=0.3994$   
Tc=100000K Dominant WL:Ld=483.6nm Purity=55.1% Centroid WL:489.0nm  
Ratio:R=10.0% G=76.7% B=13.3% Peak WL:Lp=460.0nm HWL:23.6nm  
Render Index:Ra=72.8  
R1 =72 R2 =73 R3 =79 R4 =62 R5 =75 R6 =68 R7 =73  
R8 =80 R9 =58 R10=50 R11=44 R12=52 R13=58 R14=86 R15=73

#### Photo Parameters:

Flux: 440.59 lm Fe: 1.9241 W Efficacy:24.06 lm/W  
LEVEL: WHITE:OUT

#### Electrical Parameters:

Luminaire: U=15.01V I=1.450A P=18.31W PF=0.8415

#### Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  
REF=22709(R=4) %=-0.408%

Ip=27903(G=4,D=53)  
PMT: 27.5 centigrade [26.6]

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Product Type:  
Number:HG-PL-105S5  
Temperature:25.3 deg  
Test Operator:Arthur  
Software:V2.00.100

Manufacturer:Heguang Ligting Co ,Ltd  
Test Department:Heguang Ligting Co ,Ltd  
Humidity:65.0%  
Test Date:2014-05-14 11:50:23  
Instrument:PMS-80\_V1 (SN:1011025)