



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

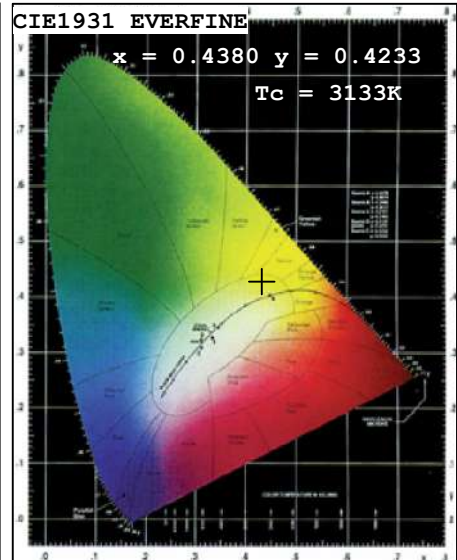
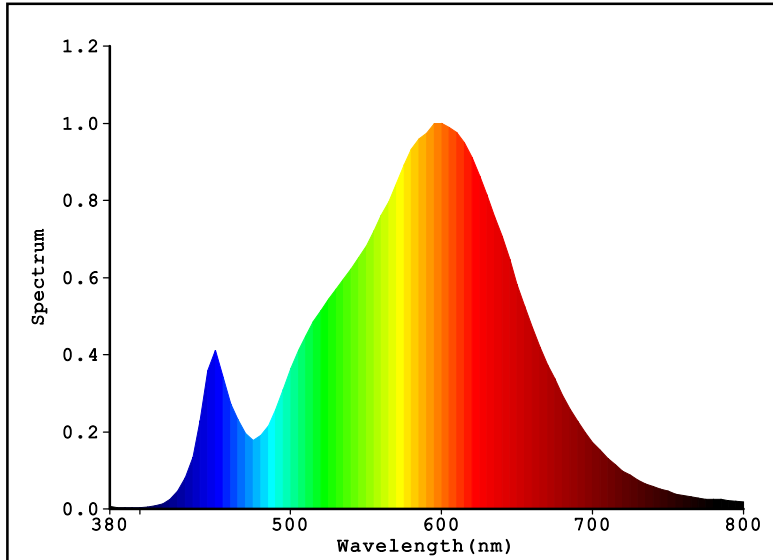
Installing P56M swimming pool lamps to your swimming pool means you can also enjoy a swim at night. It also adds to the beauty of both the pool itself and the surrounding area. The combination of lights, music and color will help you create the right atmosphere at the right time and for each state of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

| | |
|---------------------|----------------------------|
| Single Color | W/R/B/G/Y |
| Cable Connection | 2 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 | 1.217 A |
| Lumens per Watt | 53.75 lm/w |
| Max Lumens: | 722.65lm |
| 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: $x=0.4380$ $y=0.4233$ / $u'=0.2432$ $v'=0.5289$
Tc=3133K Dominant WL:Ld=579.9nm Purity=58.5% Centroid WL:588.0nm
Ratio:R=22.9% G=75.0% B=2.1% Peak WL:Lp=600.0nm HWL:140.0nm
Render Index:Ra=80.6
R1 =77 R2 =87 R3 =97 R4 =79 R5 =77 R6 =84 R7 =86
R8 =58 R9 =-1 R10=71 R11=77 R12=62 R13=79 R14=98 R15=69

Photo Parameters:

Flux: 722.65 lm Fe: 2.1414 W Efficacy:53.75 lm/W
LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=13.30V I=1.217A P=13.44W PF=0.8306

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=23584 (G=5,D=54)
REF=41555 (R=4) %=-0.225% PMT: 27.1 centigrade [26.4]

Product Type:15HK00047
Number:HG-PL-12W
Temperature:25.3 deg
Test Operator:
Software:V2.00.100

Manufacturer:Heguang Lighting Co.,LTD
Test Department:Heguang Lighting Co.,LTD
Humidity:65.0%
Test Date:2015-03-23 16:47:25
Instrument:PMS-80_V1 (SN:1011025)