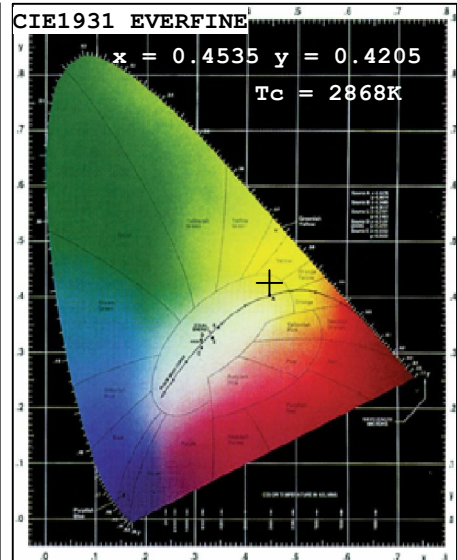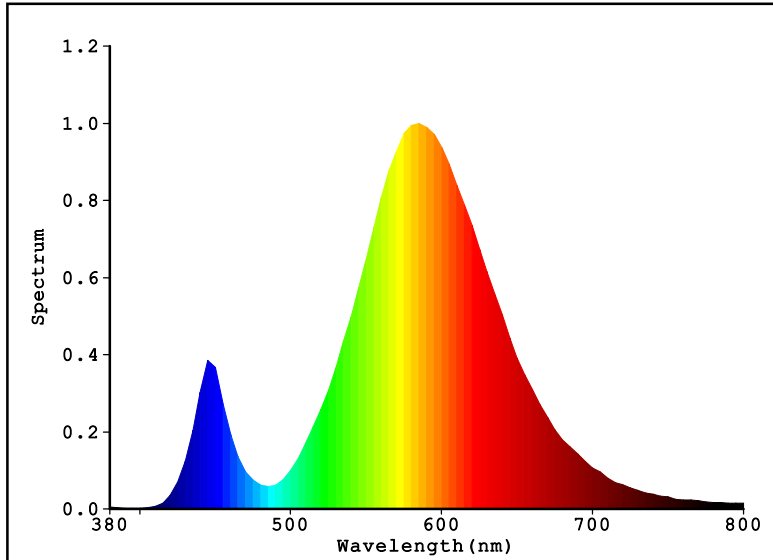## LED Surface Mounted Swimming Pool Light

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

Control Method	DMX; External; Wifi; Auto
Color	RGB - 14 programs
Cable Connection	5/4/4/2 wires
Body Material	ABS + Transparent PC cover
Size	250mmD x 47mmH
Number of LED	12 x 1W
Input Voltage	AC/DC 12V
Frequency	50~60Hz
Watts Used	12±1 W
Power Consumption	1.273A
Lumens per Watt	67.29 lm/w
Max Lumens:	930.60 lm
Working Temperature	0 - 40 ^{0}C
Beam Angle	15°/25°/30°/45°/60°/**120°**
Application	Fresh and salt water
IP Rating	IP.68
Useful LED Life	50,000 hrs average
Warranty	2 years

Light Source Test Report

Color Parameters:

Chromaticity Coordinate:x=0.4535   y=0.4205/u'=0.2541   v'=0.5301

Tc=2868K   Dominant WL:Ld=582.1nm   Purity=62.4% Centroid WL:586.0nm

Ratio:R=21.7% G=77.3% B=1.0%   Peak WL:Lp=585.0nm   HWL:100.3nm

Render Index:Ra=59.2

R1 =52	R2 =72	R3 =90	R4 =50	R5 =50	R6 =58	R7 =73
R8 =28	R9 =-71	R10=37	R11=36	R12=22	R13=55	R14=94	R15=46

Photo Parameters:

Flux: 930.60 lm   Fe: 2.5048 W   Efficacy:67.29 lm/W

LEVEL: WHITE:ANSI_2700K

Electrical Parameters:

Luminaire: U=13.01V   I=1.273A   P=13.83W PF=0.8355

Instrument Status:
Scan Range:380.0nm-800.0nm   Interval:5.0nm[0]   Ip=32179(G=5,D=56)
REF=51059(R=4)   %=-0.208%   PMT: 28.5 centigrade [29.1]

Product Type:14HD00226   Manufacturer:Heguang Lighting Co,Ltd
Number:HG-P56M-12X1W   Test Department:Heguang Lighting Co,Ltd
Temperature:25.3 deg   Humidity:65.0%
Test Operator:Arthur   Test Date:2014-05-22 10:03:45
Software:V2.00.100   Instrument:PMS-80_V1 (SN:1011025)