



HG-P56M-18x3W

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

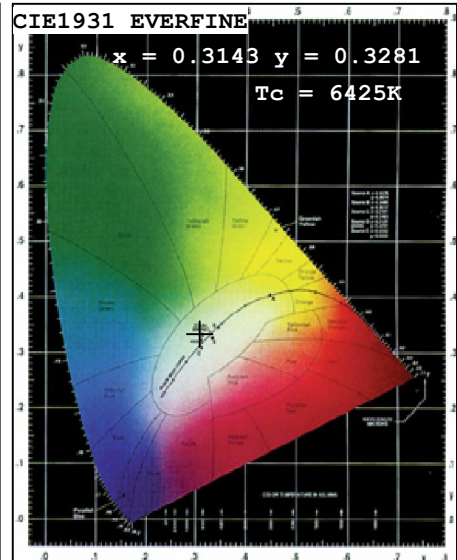
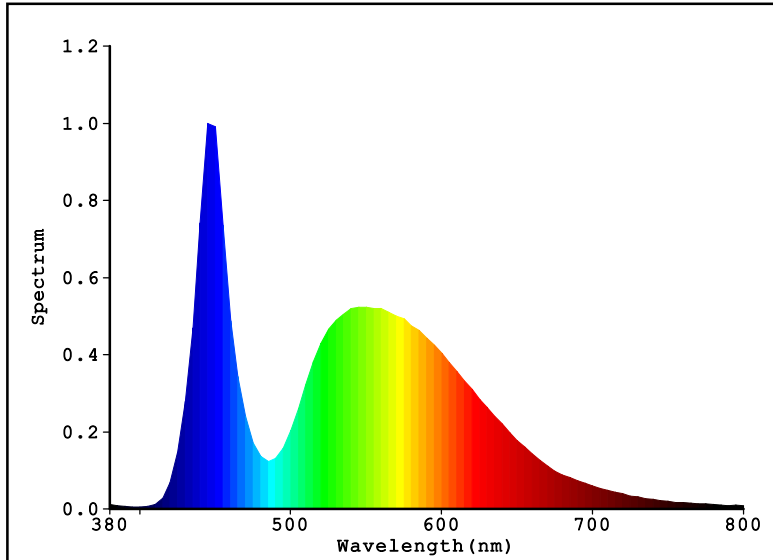
Installing P56M swimming pool lamps to your swimming pool means you can also enjoy a swim at night. It also adds to the beauty of both the pool itself and the surrounding area. The combination of lights, music and color will help you create the right atmosphere at the right time and for each state of 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/G/B/R/Y
Cable Connection	2 wires
Body Material	ABS + Transparent PC cover
Size	290mmD x 66mmH
Number of LED	18 x 3W
Input Voltage	AC/DC 12V
Frequency	50~60Hz
Watts Used	25±1 W
Power Consumption	2.72A
Lumens per Watt	72.04 lm/w
Max Lumens:	2,118.60 lm
Working Temperature	0 - 40 °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: $x=0.3143$ $y=0.3281$ / $u'=0.1993$ $v'=0.4681$
 $T_c=6425K$ Dominant WL: $L_d=488.1nm$ Purity=6.8% Centroid WL: $543.0nm$
 Ratio: R=13.7% G=82.6% B=3.7% Peak WL: $L_p=445.0nm$ HWL: $24.2nm$
 Render Index: $R_a=73.7$
 R1 =73 R2 =76 R3 =77 R4 =76 R5 =74 R6 =68 R7 =82
 R8 =65 R9 =-14 R10=42 R11=73 R12=44 R13=73 R14=87 R15=69

Photo Parameters:

Flux: 2118.6 lm Fe: 5.1736 W Efficacy: 72.04 lm/W
 LEVEL: WHITE: ANSI_6500K

Electrical Parameters:

Luminaire: U=12.03V I=2.720A P=29.41W PF=0.8989

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm [0] $I_p=43640$ (G=4, D=50)
 REF=9024 (R=3) $\%=-0.482\%$ PMT: 23.5 centigrade [23.3]

Product Type: 14HD00187
 Number: HG-P56M-18X3W
 Temperature: 25.3 deg
 Test Operator: Arthur
 Software: V2.00.100

Manufacturer: Huguang Lighting Co., Ltd
 Test Department: Huguang Lighting Co., Ltd
 Humidity: 65.0%
 Test Date: 2014-05-07 08:36:10
 Instrument: PMS-80_V1 (SN:1011025)