

Spectrum Test Report

Product Information

Product Category: LED Underpool Light
Product Spec: 5W AC 24V 400lm 6000k

Product Type: 2013031129191 1_32_000649
Product Number: 52

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3165$ $y=0.3293$ $u(u')=0.2003$ $v=0.3127$ $v'=0.4690$

CCT: $T_c=6302K$ ($duv=0.00146$)

Color Ratio: $R=0.123$ $G=0.844$ $B=0.033$

Peak Wavelength: 0nm

Half Bandwidth: 21.5nm

Dominant Wavelength: 489.6nm

Color Purity: 0.060

CRI: R_i : $R_a=70.1$

$R_1=73$

$R_2=69$

$R_3=63$

$R_4=77$

$R_5=74$

$R_6=59$

$R_7=77$

$R_8=70$

$R_9=-10$

$R_{10}=24$

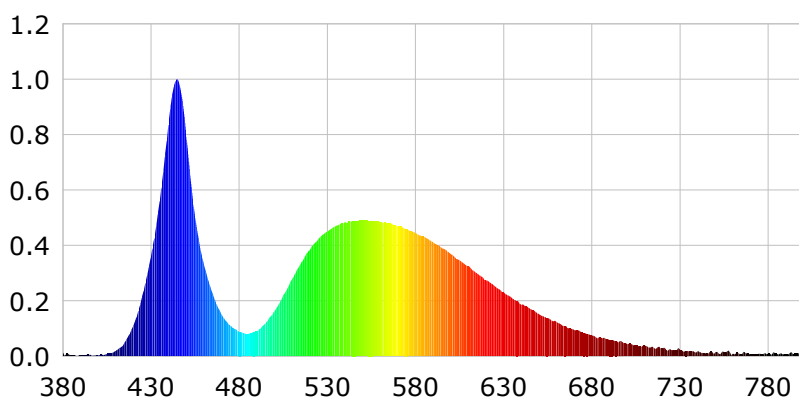
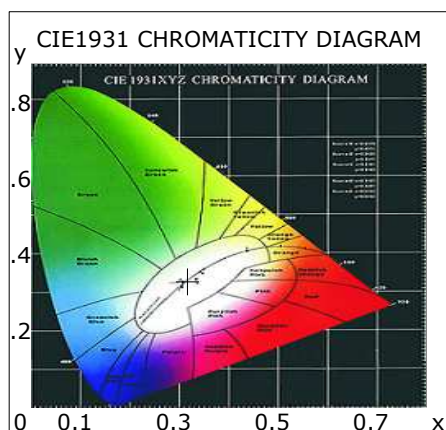
$R_{11}=78$

$R_{12}=35$

$R_{13}=69$

$R_{14}=79$

$R_{15}=70$



Photometric Parameters

Luminous Flux: 362.0 lm

Efficiency: 67.03 lm/W

Radiant Power: 1.136 W

Electric Parameters

Voltage: 24.60V

Current: 0.3240A

Power: 5.400W

Power Factor: 0.676

Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm

Stabilization Time: 0 Min

Max of Signal: 42920 (5049)

Photometric Method:

Photometric Condition: Sphere diameter: 1.50m, 4 π

CCD Integration Time: 473.43 ms

Condition:

Test Lab: BAIDUAN HIGH TECH LED LIGHT LAB

Operator: HU Baoliang

Test Device: Inventfine CMS-2S

Test Time: 2013-06-18 17:52:32

Inspector: