

Lightsource Test Report

Product Information

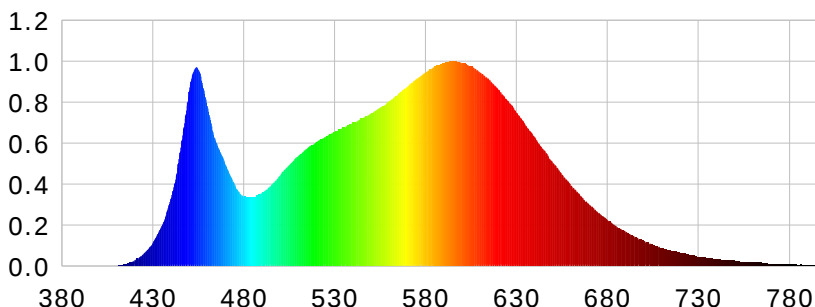
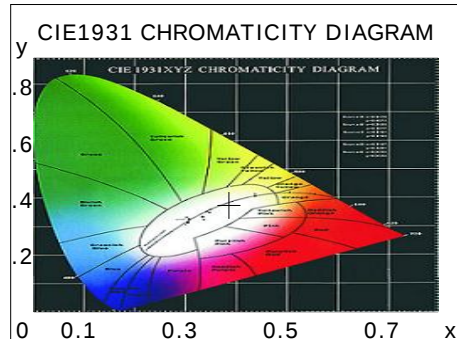
Product Category: 03.11.01
Product Spec: nw -1 hour-40w

Product Type: slime light-s1
Product Number: 14

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3870$ $y=0.3794$ $u(u')=0.2284$ $v=0.3358$ $v'=0.5037$
CCT: $T_c=3845K$ ($duv=-0.00062$) Color Ratio: $R=0.190$ $G=0.772$ $B=0.038$
Peak Wavelength: 594.1nm Half Bandwidth: 145.3nm
Dominant Wavelength: 580.0nm Color Purity: 0.300
CRI: $R_a=83.7$ TM30: $R_f=84$, $R_g=94$
GAI: $GAI_BB_8=92.3$, $GAI_BB_15=99.5$, $GAI_EES=70.4$

R1 =82	R2 =92	R3 =96	R4 =81	R5 =83	R6 =89	R7 =84	R8 =63
R9 =10	R10=80	R11=80	R12=65	R13=85	R14=98	R15=76	
Color Quality Scale: $Q_a=83.0$, $Q_f=83.4$, $Q_p=82.3$, $Q_g=91.8$							
Q1 =81	Q2 =97	Q3 =82	Q4 =77	Q5 =81	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=91	Q11=87	Q12=84	Q13=84	Q14=73	Q15=76	



Photometric Parameters

Luminous Flux: 2650.9 lm
EEI: 0.19

Efficiency: 71.20 lm/W
Energy Efficiency Class: A (EU 874-2012)

Radiant Power: 8.052 W

Electric Parameters

Voltage: 230.70V
Power Factor: 0.5970

Current: 0.2700A
Frequency: 49.99Hz

Power: 37.23W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 46297 (1919)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 84.03 ms