

Lightsource Test Report

Product Information

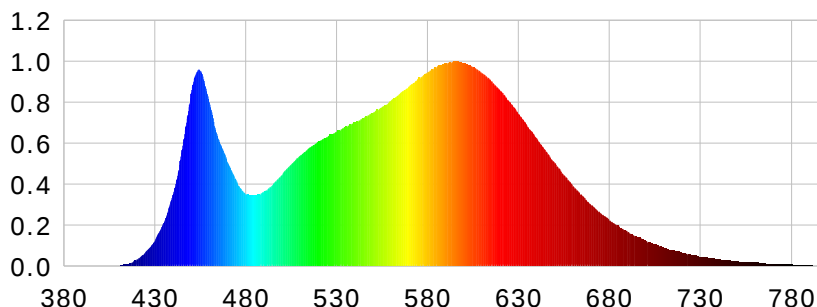
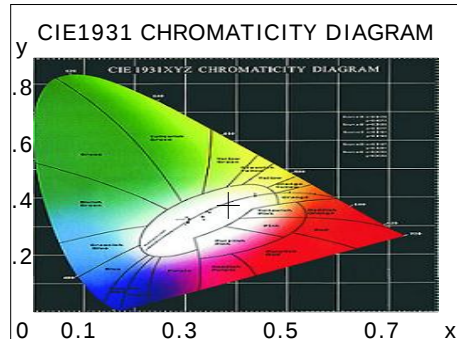
Product Category: 03.11.01
Product Spec: nw -1 hour-50w

Product Type: slime light-s1
Product Number: 17

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3851$ $y=0.3780$ $u(u')=0.2277$ $v=0.3352$ $v'=0.5028$
CCT: $T_c=3884K$ ($duv=-0.00074$) Color Ratio: $R=0.189$ $G=0.772$ $B=0.039$
Peak Wavelength: 594.2nm Half Bandwidth: 145.4nm
Dominant Wavelength: 579.9nm Color Purity: 0.290
CRI: $R_a=83.6$ TM30: $R_f=84$, $R_g=94$
GAI: $GAI_BB_8=92.3$, $GAI_BB_15=99.4$, $GAI_EES=71.0$

R1 =82	R2 =92	R3 =96	R4 =81	R5 =83	R6 =89	R7 =84	R8 =63
R9 =9	R10=80	R11=80	R12=66	R13=85	R14=98	R15=76	
Color Quality Scale: $Q_a=82.9$, $Q_f=83.3$, $Q_p=82.1$, $Q_g=91.7$							
Q1 =81	Q2 =97	Q3 =82	Q4 =77	Q5 =81	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=91	Q11=86	Q12=84	Q13=83	Q14=73	Q15=76	



Photometric Parameters

Luminous Flux: 3935.8 lm
EEI: 0.20

Efficiency: 69.62 lm/W
Energy Efficiency Class: A (EU 874-2012)

Radiant Power: 11.976 W

Electric Parameters

Voltage: 230.50V
Power Factor: 0.6160

Current: 0.3980A
Frequency: 49.99Hz

Power: 56.53W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 47534 (1809)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 59.02 ms

Condition: $T_x:16.8^{\circ}C$, $T_i:16.1^{\circ}C$, R.H.:60%
Test Lab: visena electric co
Operator: sepanta pouresmail

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2025-01-22 09:47:41
Inspector: