

## Lightsource Test Report

### Product Infomation

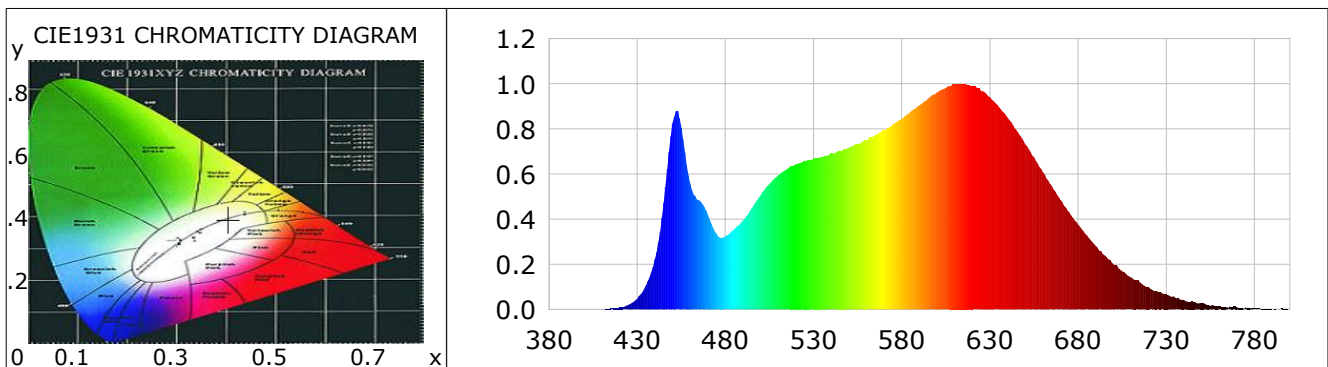
Product Type: 1

Product Number: 275

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4047$   $y=0.3919$   $u(u')=0.2349$   $v=0.3411$   $v'=0.5117$   
CCT:  $T_c=3522K$  ( $duv=0.00065$ ) Color Ratio:  $R=0.217$   $G=0.746$   $B=0.037$   
Peak Wavelength: 615.6nm Half Bandwidth: 169.5nm  
Dominant Wavelength: 580.5nm Color Purity: 0.391  
Central Wave: 584.0nm Gravity Wave: 594.7nm  
CRI:  $R_a=93.1$  TM30:  $R_f=91$ ,  $R_g=97$   
GAI:  $GAI\_BB\_8=95.6$ ,  $GAI\_BB\_15=101.9$ ,  $GAI\_EES=66.9$

R1 =94	R2 =97	R3 =99	R4 =94	R5 =93	R6 =96	R7 =91	R8 =81
R9 =56	R10=93	R11=95	R12=76	R13=95	R14=100	R15=89	TLCI=89
Color Quality Scale: $Q_a=92.6$ , $Q_f=92.6$ , $Q_p=92.2$ , $Q_g=96.4$							
Q1 =88	Q2 =97	Q3 =91	Q4 =90	Q5 =92	Q6 =94	Q7 =95	Q8 =96
Q9 =99	Q10=97	Q11=97	Q12=96	Q13=95	Q14=88	Q15=88	



### Photometric Parameters

Luminous Flux: 3142.2 lm Efficiency: 112.42 lm/W Radiant Power: 10.138 W  
Total mains efficacy: 112.42 lm/W Energy Efficiency Class: E (EU 2019/2015)  
Melanin Flux: 2.511 W M/R: 0.6649 MDER: 0.6050

### Electric Parameters

Voltage: 229.40V Current: 0.1310A Power: 27.95W  
Power Factor: 0.9260 Frequency: 49.99Hz

### Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer  
Stabilization Time: 0 ms ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T  
Max of Signal: 43625 (2747) CCD Integration Time: 216.75 ms

Condition:  $T_x:26.7^{\circ}C$ ,  $T_i:24.6^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: CMS-2S (Plus)  
Test Time: 2025-12-10 13:09:02  
Auditor: