

Lightsource Test Report

Product Infomation

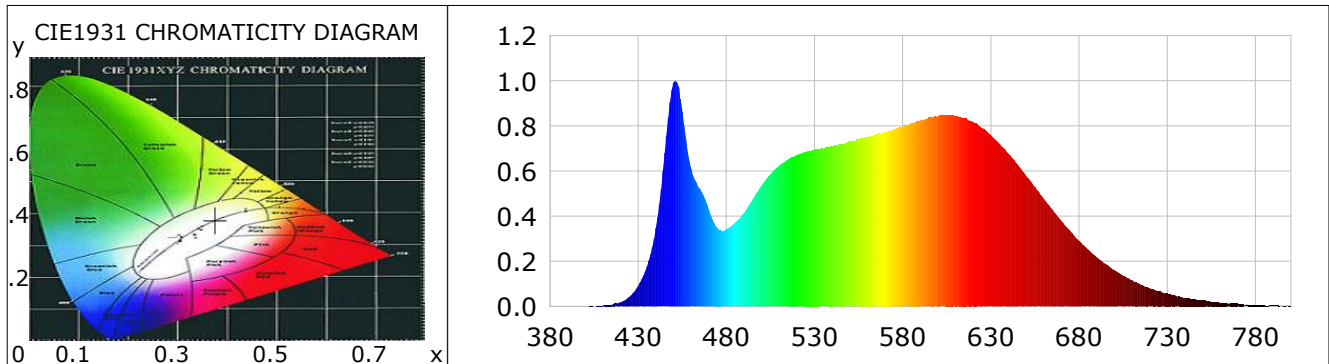
Product Type: 1

Product Number: 274

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3765$ $y=0.3816$ $u(u')=0.2206$ $v=0.3354$ $v'=0.5031$
 CCT: $T_c=4142K$ ($duv=0.00341$) Color Ratio: $R=0.188$ $G=0.770$ $B=0.042$
 Peak Wavelength: 451.0nm Half Bandwidth: 23.9nm
 Dominant Wavelength: 576.7nm Color Purity: 0.275
 Central Wave: 454.6nm Gravity Wave: 453.4nm
 CRI: $R_a=90.5$ TM30: $R_f=89$, $R_g=96$
 GAI: $GAI_BB_8=91.3$, $GAI_BB_15=97.3$, $GAI_EES=74.0$

R1 =90	R2 =94	R3 =97	R4 =90	R5 =89	R6 =92	R7 =92	R8 =79
R9 =46	R10=86	R11=91	R12=69	R13=91	R14=98	R15=85	TLCI=85
Color Quality Scale: $Q_a=90.6$, $Q_f=90.7$, $Q_p=89.7$, $Q_g=94.8$							
Q1 =87	Q2 =98	Q3 =88	Q4 =86	Q5 =90	Q6 =91	Q7 =93	Q8 =95
Q9 =99	Q10=96	Q11=95	Q12=94	Q13=93	Q14=85	Q15=86	



Photometric Parameters

Luminous Flux: 3116.8 lm Efficiency: 104.13 lm/W Radiant Power: 9.904 W
 Total mains efficacy: 104.13 lm/W Energy Efficiency Class: F (EU 2019/2015)
 Melanin Flux: 2.791 W M/R: 0.7451 MDER: 0.6780

Electric Parameters

Voltage: 229.40V Current: 0.1400A Power: 29.93W
 Power Factor: 0.9320 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: 46438 (2747) CCD Integration Time: 216.75 ms