

Lightsource Test Report

Product Information

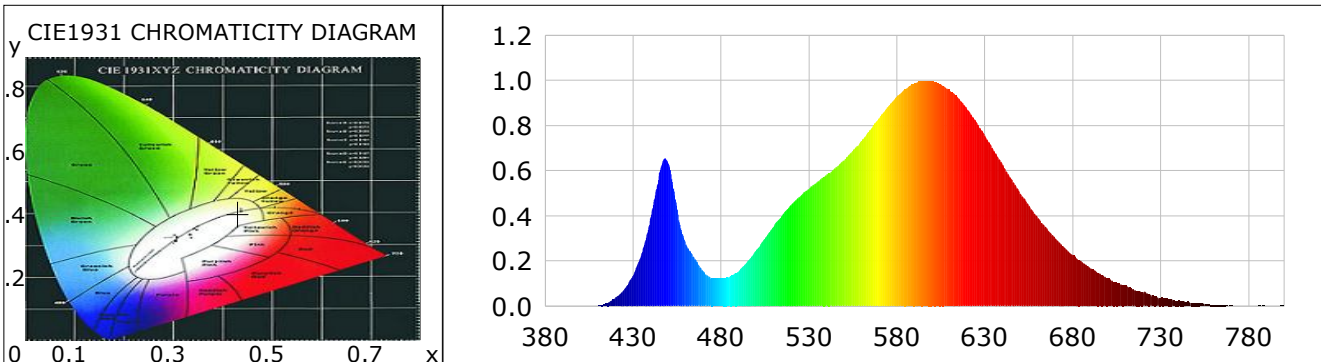
Product Type: TYD60W

Product Number: 32

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4301$ $y=0.4006$ $u(u')=0.2476$ $v=0.3460$ $v'=0.5190$
 CCT: $T_c=3090K$ ($duv=-0.00042$) Color Ratio: $R=0.213$ $G=0.767$ $B=0.020$
 Peak Wavelength: 594.9nm Half Bandwidth: 124.2nm
 Dominant Wavelength: 582.6nm Color Purity: 0.493
 CRI: $R_a=75.8$ TM30: $R_f=77$, $R_g=97$
 GAI: $GAI_BB_8=93.7$, $GAI_BB_15=100.0$, $GAI_EES=56.1$

R1 =73	R2 =84	R3 =94	R4 =74	R5 =73	R6 =79	R7 =80	R8 =51
R9 =-17	R10=63	R11=70	R12=57	R13=75	R14=96	R15=66	
Color Quality Scale: $Q_a=75.6$, $Q_f=76.5$, $Q_p=78.1$, $Q_g=90.9$							
Q1 =72	Q2 =97	Q3 =74	Q4 =71	Q5 =75	Q6 =75	Q7 =75	Q8 =81
Q9 =95	Q10=83	Q11=79	Q12=76	Q13=76	Q14=64	Q15=67	



Photometric Parameters

Luminous Flux: 6209.6 lm
 EEI: 0.14

Efficiency: 98.94 lm/W
 Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 18.009 W

Electric Parameters

Voltage: 221.00V
 Power Factor: 0.9390

Current: 0.3030A
 Frequency: 49.99Hz

Power: 62.76W

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 Min ALC.: 1.0000
 Max of Signal: 46055 (2845)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4π
 CCD Integration Time: 298.05 ms

Condition: $T_x:31.7^\circ C$, $T_i:31.9^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2023-05-23 08:50:36
 Inspector: