

Lightsource Test Report

Product Information

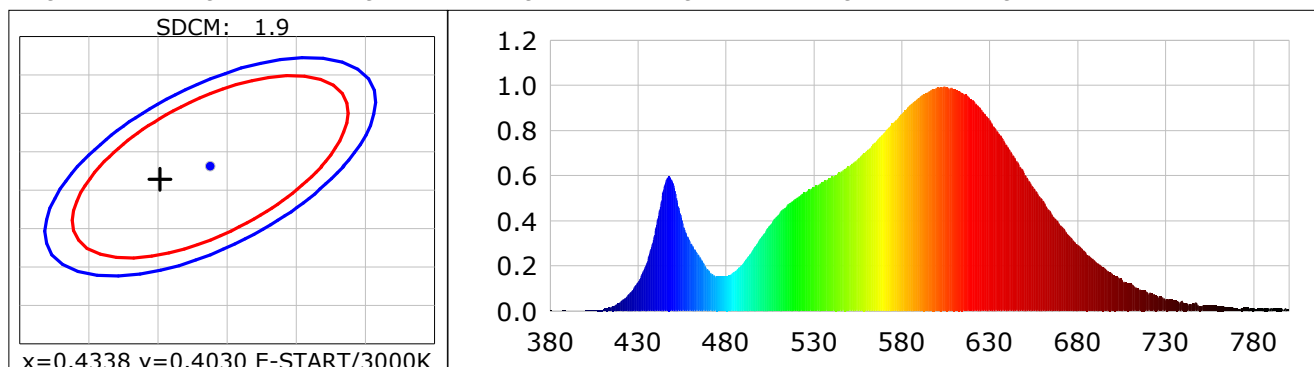
Product Category: KZ-2-DLW-12-WW

Product Number: 483

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4302$ $y=0.4014$ $u(u')=0.2473$ $v=0.3462$ $v'=0.5193$
CCT: $T_c=3095K$ ($duv=-0.00010$) Color Ratio: $R=0.224$ $G=0.752$ $B=0.024$
Peak Wavelength: 604.0nm Half Bandwidth: 140.3nm
Dominant Wavelength: 582.5nm Color Purity: 0.496
CRI: $R_a=83.1$ TM30: $R_f=84$, $R_g=98$
GAI: $GAI_BB_8=95.8$, $GAI_BB_15=100.7$, $GAI_EES=57.5$

R1 =82	R2 =89	R3 =96	R4 =83	R5 =82	R6 =87	R7 =84	R8 =63
R9 =13	R10=75	R11=83	R12=70	R13=83	R14=98	R15=75	
Color Quality Scale: $Q_a=82.6$, $Q_f=83.7$, $Q_p=84.6$, $Q_g=93.6$							
Q1 =79	Q2 =97	Q3 =82	Q4 =81	Q5 =83	Q6 =83	Q7 =83	Q8 =87
Q9 =96	Q10=88	Q11=86	Q12=84	Q13=84	Q14=73	Q15=75	



Photometric Parameters

Luminous Flux: 1050.94 lm Efficiency: 80.97 lm/W Radiant Power: 3.215 W
EEI: 0.16 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 220.00V Current: 0.1150A Power: 12.98W
Power Factor: 0.5130 Frequency: 49.99Hz

Test Information

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: 44992 (3176) CCD Integration Time: 386.29 ms

Condition: $T_x=30.3^{\circ}C$, $T_i=30.6^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-04-28 09:25:20
Inspector: