

Lightsource Test Report

Product Information

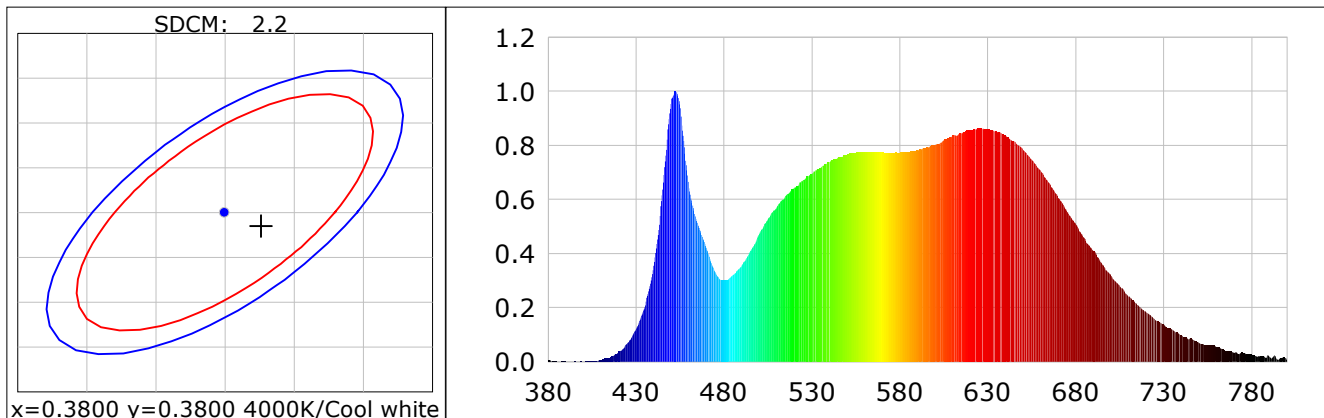
Product Category:
Product Number: 14

Product Spec: 40W 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3826$ $y=0.3785$ $u(u')=0.2258$ $v=0.3351$ $v'=0.5027$
 CCT: $T_c=3954K$ ($duv=0.00018$) Color Ratio: $R=0.200$ $G=0.762$ $B=0.039$
 Peak Wavelength: 452.4nm Half Bandwidth: 22.7nm
 Dominant Wavelength: 579.1nm Color Purity: 0.284
 CRI: R_a : $R_a=93.7$

R1 =95	R2 =95	R3 =92	R4 =94	R5 =93	R6 =91	R7 =97	R8 =93
R9 =79	R10=85	R11=93	R12=70	R13=95	R14=95	R15=94	
Color Quality Scale: $Q_a=92.2$, $Q_f=91.7$, $Q_p=93.4$, $Q_g=99.7$							
Q1 =95	Q2 =99	Q3 =85	Q4 =85	Q5 =90	Q6 =92	Q7 =93	Q8 =96
Q9 =96	Q10=93	Q11=93	Q12=95	Q13=96	Q14=94	Q15=95	



Photometric Parameters

Luminous Flux: 3554.19 lm	Efficiency: 91.32 lm/W	Radiant Power: 12.460 W
EEI: 0.15	Energy Efficiency Class: A+ (EU 874-2012)	

Electric Parameters

Voltage: 220.30V	Current: 0.1810A	Power: 38.92W
Power Factor: 0.9750	Frequency: 50.00Hz	

BIN: OUT :

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 3 ms
 Max of Signal: 44771 (4279)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4π
 CCD Integration Time: 387.07 ms

Condition: Tx:32.1'C, Ti:30.5'C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-04-26 19:31:40
 Inspector: