

Lightsource Test Report

Product Information

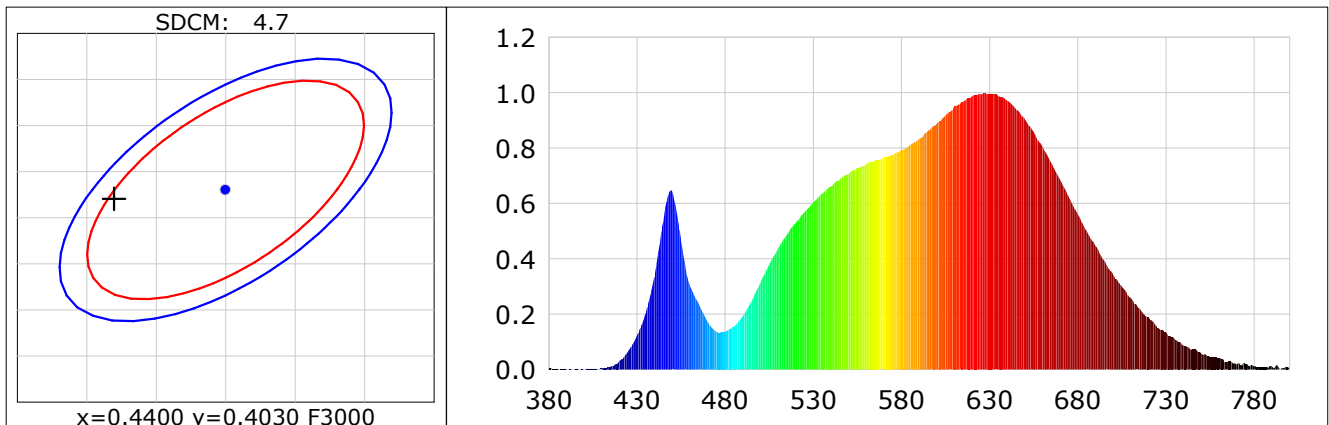
Product Category: TRL003
 Product Number: 1

Product Spec: 35W 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4320$ $y=0.4020$ $u(u')=0.2482$ $v=0.3466$ $v'=0.5198$
 CCT: $T_c=3069K$ ($duv=-0.00012$) Color Ratio: $R=0.236$ $G=0.742$ $B=0.022$
 Peak Wavelength: 626.9nm Half Bandwidth: 168.8nm
 Dominant Wavelength: 582.6nm Color Purity: 0.503
 CRI: $R_a=90.0$

R1 =91	R2 =91	R3 =89	R4 =91	R5 =90	R6 =88	R7 =93	R8 =87
R9 =66	R10=78	R11=91	R12=70	R13=91	R14=93	R15=90	
Color Quality Scale: $Q_a=87.9$, $Q_f=88.0$, $Q_p=91.9$, $Q_g=99.9$							
Q1 =88	Q2 =97	Q3 =82	Q4 =84	Q5 =87	Q6 =85	Q7 =84	Q8 =91
Q9 =94	Q10=89	Q11=89	Q12=91	Q13=92	Q14=89	Q15=88	



Photometric Parameters

Luminous Flux: 2710.74 lm Efficiency: 88.42 lm/W Radiant Power: 10.715 W
 EEI: 0.15 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.50V Current: 0.1650A Power: 35.16W
 Power Factor: 0.9730 Frequency: 49.99Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 Sec
 Max of Signal: 50982 (3999)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4π
 CCD Integration Time: 656.41 ms

Condition: $T_x=28.2^{\circ}C$, $T_i=25.6^{\circ}C$, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-12-26 12:06:24
 Inspector: