

Lightsource Test Report

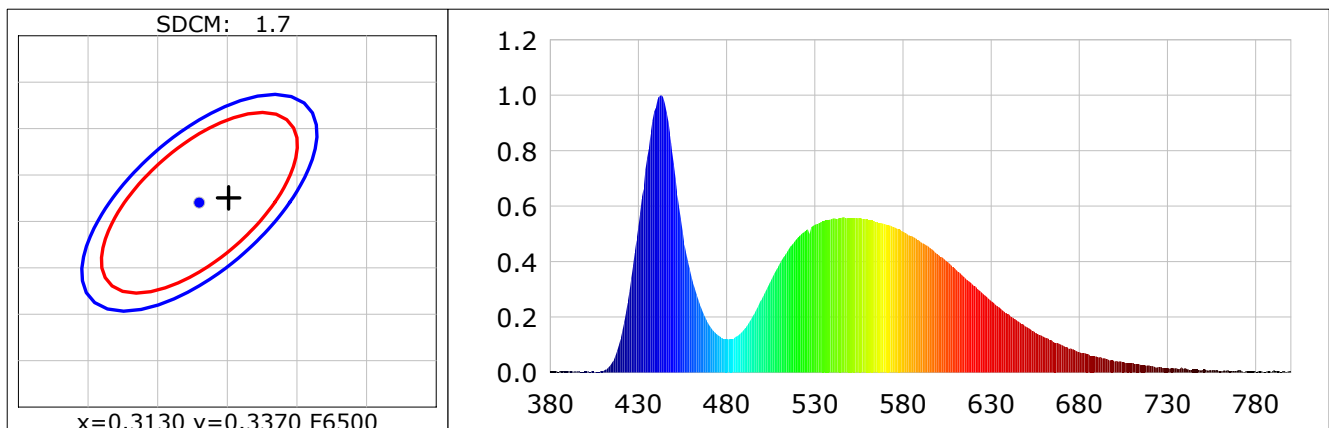
Product Information

Product Spec: 01BH-CR-20W

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3151$ $y=0.3375$ $u(u')=0.1963$ $v=0.3154$ $v'=0.4732$
 CCT: $T_c=6324K$ ($duv=0.00633$) Color Ratio: $R=0.120$ $G=0.845$ $B=0.036$
 Peak Wavelength: 442.7nm Half Bandwidth: 25.8nm
 Dominant Wavelength: 494.7nm Color Purity: 0.059
 CRI: $R_a=80$ TM30: $R_f=69$, $R_g=95$
 $R1=72$ $R2=70$ $R3=68$ $R4=78$ $R5=74$ $R6=63$ $R7=78$ $R8=68$
 $R9=0$ $R10=29$ $R11=80$ $R12=43$ $R13=69$ $R14=82$ $R15=67$
 Color Quality Scale: $Q_a=73.9$, $Q_f=72.9$, $Q_p=77.1$, $Q_g=89.8$
 $Q1=82$ $Q2=93$ $Q3=69$ $Q4=64$ $Q5=73$ $Q6=76$ $Q7=81$ $Q8=89$
 $Q9=89$ $Q10=73$ $Q11=68$ $Q12=70$ $Q13=73$ $Q14=62$ $Q15=71$



Photometric Parameters

Luminous Flux: 1746.47 lm Efficiency: 88.65 lm/W Radiant Power: 5.394 W
 EEI: 0.15 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.40V Current: 0.1540A Power: 19.70W
 Power Factor: 0.5540 Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 20 Sec
 Max of Signal: 47478 (3291)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4 π
 CCD Integration Time: 766.45 ms