

Lightsource Test Report

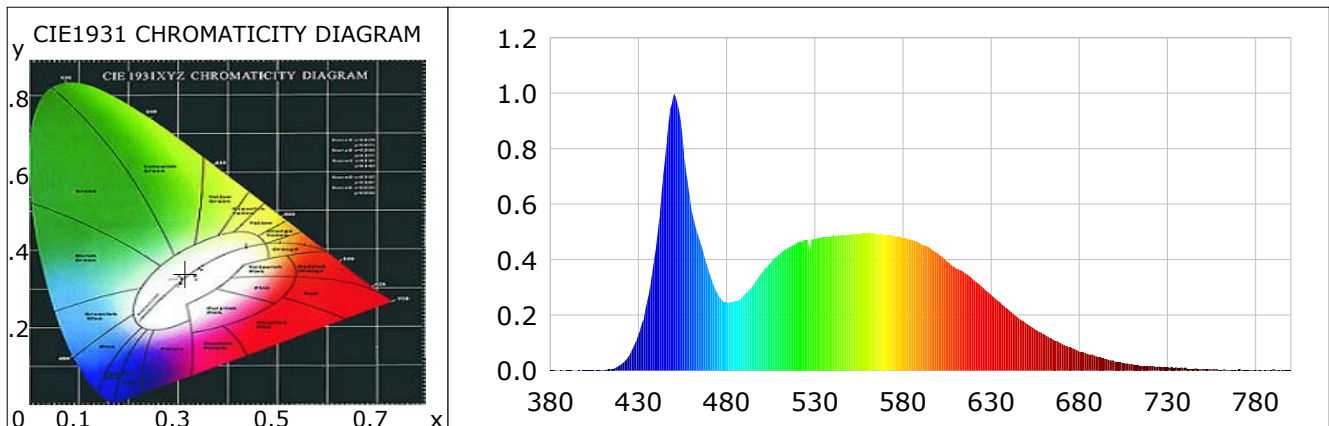
Product Infomation

Product Spec: 40W C

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3141$ $y=0.3404$ $u(u')=0.1946$ $v=0.3163$ $v'(v')=0.4745$
 CCT: $T_c=6358K$ ($duv=0.00822$) Color Ratio: $R=0.127$ $G=0.819$ $B=0.054$
 Peak Wavelength: 450.2nm Half Bandwidth: 22.2nm
 Dominant Wavelength: 496.5nm Color Purity: 0.061
 CRI: $R_a=82.1$ TM30: $R_f=79$, $R_g=92$
 $R1=80$ $R2=83$ $R3=85$ $R4=86$ $R5=81$ $R6=77$ $R7=92$ $R8=74$
 $R9=5$ $R10=59$ $R11=85$ $R12=48$ $R13=80$ $R14=92$ $R15=76$
 Color Quality Scale: $Q_a=80.6$, $Q_f=80.8$, $Q_p=79.6$, $Q_g=88.9$
 $Q1=82$ $Q2=98$ $Q3=79$ $Q4=71$ $Q5=76$ $Q6=78$ $Q7=84$ $Q8=90$
 $Q9=96$ $Q10=87$ $Q11=82$ $Q12=81$ $Q13=81$ $Q14=70$ $Q15=75$



Photometric Parameters

Luminous Flux: 3273.68 lm Efficiency: 82.25 lm/W Radiant Power: 10.174 W
 EEI: 0.17 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.10V Current: 0.1780A Power: 39.80W
 Power Factor: 0.9700 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 25 Sec
 Max of Signal: 44493 (3215)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.00m, 4T
 CCD Integration Time: 288.11 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2018-09-30 15:43:45
 Inspector:

Lightsource Test Report

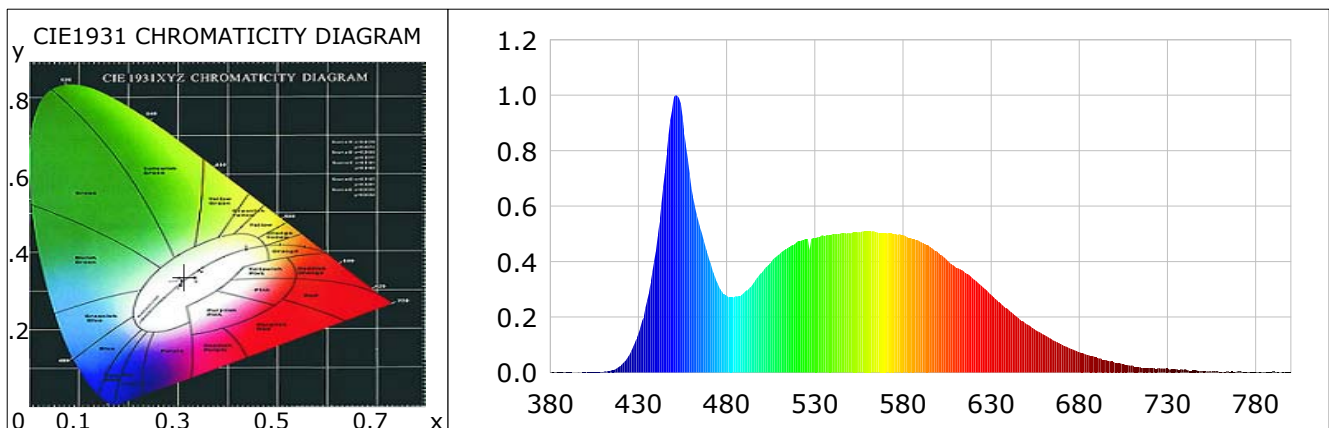
Product Infomation

Product Spec: 40W H

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3121$ $y=0.3371$ $u(u')=0.1944$ $v=0.3150$ $v'=0.4725$
 CCT: $T_c=6478K$ ($duv=0.00758$) Color Ratio: $R=0.127$ $G=0.816$ $B=0.057$
 Peak Wavelength: 451.3nm Half Bandwidth: 25.0nm
 Dominant Wavelength: 494.0nm Color Purity: 0.069
 CRI: $R_a=82.9$ TM30: $R_f=79$, $R_g=92$
 $R1=81$ $R2=84$ $R3=86$ $R4=86$ $R5=81$ $R6=78$ $R7=92$ $R8=75$
 $R9=8$ $R10=61$ $R11=85$ $R12=49$ $R13=81$ $R14=92$ $R15=77$
 Color Quality Scale: $Q_a=80.6$, $Q_f=80.9$, $Q_p=79.6$, $Q_g=88.9$
 $Q1=82$ $Q2=98$ $Q3=80$ $Q4=71$ $Q5=76$ $Q6=78$ $Q7=84$ $Q8=90$
 $Q9=97$ $Q10=88$ $Q11=83$ $Q12=82$ $Q13=81$ $Q14=71$ $Q15=76$



Photometric Parameters

Luminous Flux: 3112.48 lm Efficiency: 81.69 lm/W Radiant Power: 9.773 W
 EEI: 0.17 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.30V Current: 0.1710A Power: 38.10W
 Power Factor: 0.9680 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 25 Min
 Max of Signal: 48985 (3279)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.00m, 4T
 CCD Integration Time: 334.47 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2018-09-30 16:11:46
 Inspector: