

Lightsource Test Report

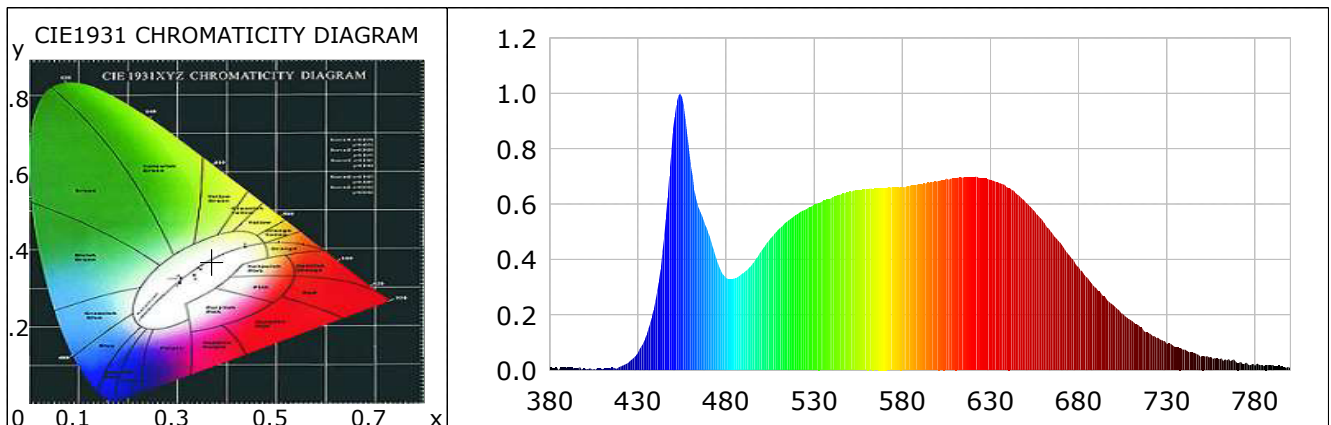
Product Infomation

Product Category: DC24V G9 4000K

Product Number: 88

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3695$ $y=0.3692$ $u(u')=0.2209$ $v=0.3311$ $v'=0.4966$
CCT: $T_c=4261K$ ($duv=-0.00023$) Color Ratio: $R=0.191$ $G=0.763$ $B=0.046$
Peak Wavelength: 453.9nm Half Bandwidth: 24.6nm
Dominant Wavelength: 578.2nm Color Purity: 0.217
CRI: $R_a=93.9$ TM30: $R_f=88$, $R_g=98$
 $R1=95$ $R2=97$ $R3=96$ $R4=93$ $R5=93$ $R6=93$ $R7=95$ $R8=90$
 $R9=76$ $R10=91$ $R11=92$ $R12=67$ $R13=96$ $R14=98$ $R15=93$
Color Quality Scale: $Q_a=91.7$, $Q_f=91.4$, $Q_p=92.0$, $Q_g=97.8$
 $Q1=91$ $Q2=98$ $Q3=86$ $Q4=83$ $Q5=88$ $Q6=91$ $Q7=94$ $Q8=96$
 $Q9=98$ $Q10=95$ $Q11=94$ $Q12=95$ $Q13=95$ $Q14=93$ $Q15=93$



Photometric Parameters

Luminous Flux: 701.01 lm
EEI: 0.09

Efficiency: 134.55 lm/W

Radiant Power: 2.432 W

Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 24.00V
Power Factor: 0.0000

Current: 0.2170A
Frequency: 0.00Hz

Power: 5.21W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 47922 (5446)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 1635.62 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: 2025-03-03 15:34:35
Inspector: