

Lightsource Test Report

Product Information

Product Type: 60W 6060 UGR Panel

Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5175$ $y=0.4074$ $u(u')=0.3020$ $v=0.3566$ $v'=0.5397$

CCT: $T_c=2040K$ ($duv=0.00137$)

Color Ratio: $R=0.331$ $G=0.654$ $B=0.015$

Peak Wavelength: 626nm

Half Bandwidth: 107.7nm

Dominant Wavelength: 587.6nm

Color Purity: 0.825

Color Render Index: $R_a=92.4$, $CRI=91.3$

$R1=91$ $R2=98$ $R3=97$ $R4=94$

$R5=94$

$R6=97$

$R7=89$

$R8=81$

$R9=63$

$R10=95$

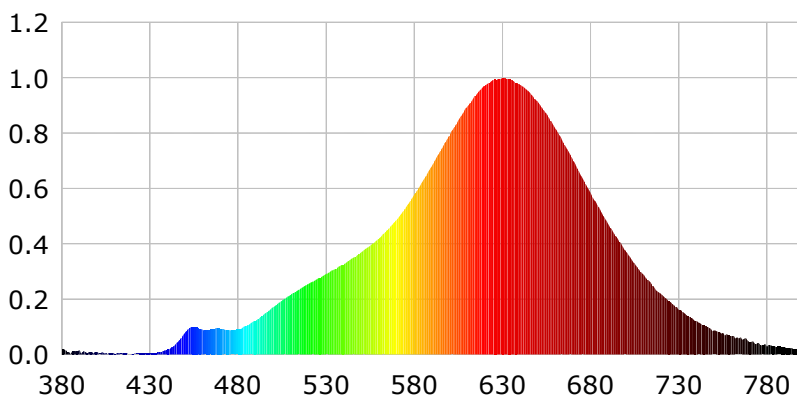
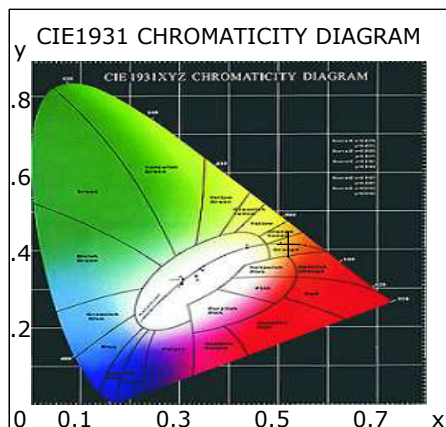
$R11=98$

$R12=93$

$R13=94$

$R14=98$

$R15=90$



Photometric Parameters

Luminous Flux: 2313.01 lm

Efficiency: 76.87 lm/W

Radiant Power: 9.858 W

Electric Parameters

Voltage: 24.00V

Current: 1.2537A

Power: 30.09W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 43069 (5427)

CCD Integration Time: 1340.17 ms

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

Test Lab:

1 Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-11-02 16:11:12

Inspector:

Lightsource Test Report

Product Information

Product Type: 60W 6060 UGR Panel

Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3925$ $y=0.3687$ $u(u')=0.2365$ $v=0.3332$ $v'=0.4998$

CCT: $T_c=3896K$ ($duv=-0.00837$)

Color Ratio: $R=0.226$ $G=0.730$ $B=0.044$

Peak Wavelength: 453nm

Half Bandwidth: 25.6nm

Dominant Wavelength: 584.5nm

Color Purity: 0.284

Color Render Index: $R_a=94.1$, $CRI=92.3$

$R1=97$

$R2=95$

$R3=98$

$R4=99$

$R5=96$

$R6=93$

$R7=95$

$R8=97$

$R9=94$

$R10=94$

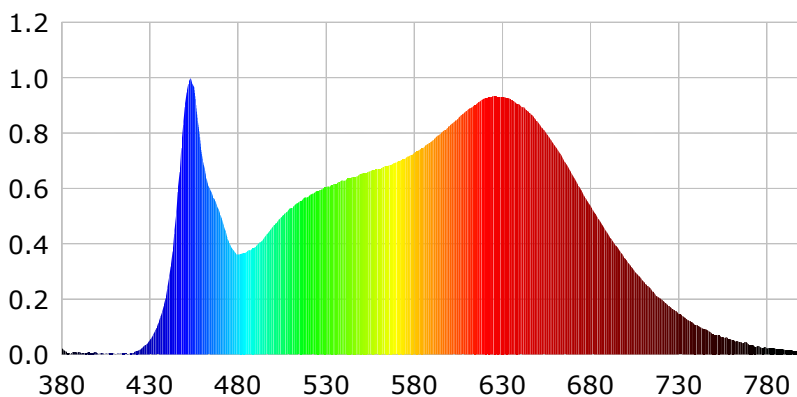
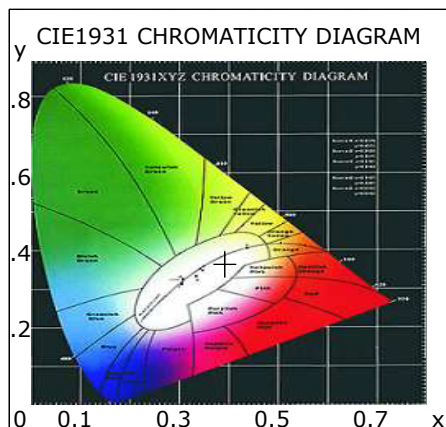
$R11=97$

$R12=88$

$R13=95$

$R14=99$

$R15=97$



Photometric Parameters

Luminous Flux: 5592.30 lm

Efficiency: 92.88 lm/W

Radiant Power: 18.937 W

Electric Parameters

Voltage: 24.00V

Current: 2.5087A

Power: 60.21W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 44735 (5167)

CCD Integration Time: 856.52 ms

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

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-11-02 16:14:28

Inspector:

Lightsource Test Report

Product Information

Product Type: 60W 6060 UGR Panel

Product Number: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3106$ $y=0.3382$ $u(u')=0.1961$ $v=0.3157$ $v'=0.4735$

CCT: $T_c=6488K$ ($duv=0.00691$)

Color Ratio: $R=0.147$ $G=0.788$ $B=0.065$

Peak Wavelength: 447nm

Half Bandwidth: 23.9nm

Dominant Wavelength: 494.8nm

Color Purity: 0.059

Color Render Index: $R_a=93.3$, $CRI=91.6$

$R1=94$ $R2=94$ $R3=89$ $R4=93$

$R5=90$

$R6=89$

$R7=97$

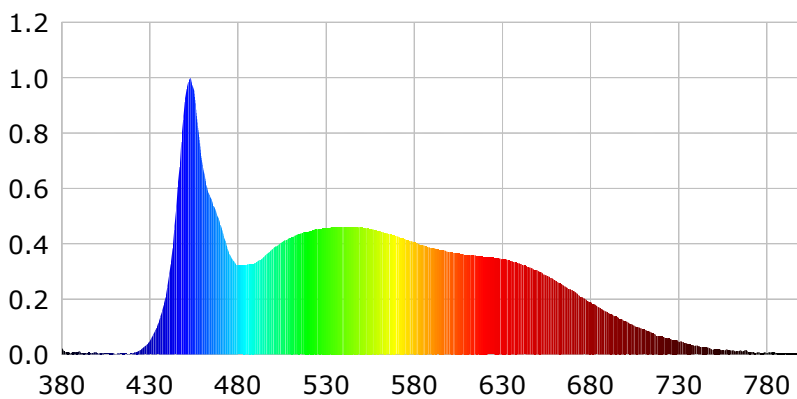
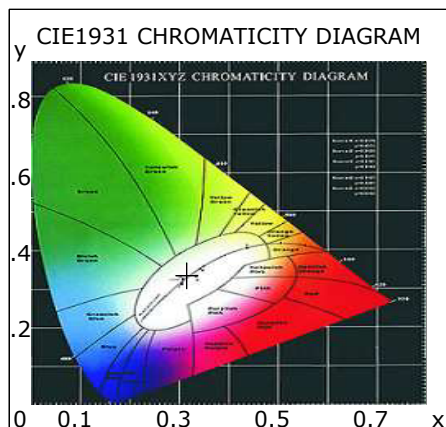
$R8=95$

$R9=89$ $R10=86$ $R11=96$ $R12=65$

$R13=95$

$R14=94$

$R15=93$



Photometric Parameters

Luminous Flux: 3081.57 lm

Efficiency: 102.31 lm/W

Radiant Power: 8.570 W

Electric Parameters

Voltage: 24.00V

Current: 1.2550A

Power: 30.12W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 46342 (5182)

CCD Integration Time: 1043.87 ms

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

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-11-02 16:18:09

Inspector: