

Spectrum Test Report

Product Information

Product Category: 12W--Round-WW

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5287$ $y=0.4150$ $u(u')=0.3055$ $v=0.3597$ $v'=0.5395$

CCT: $T_c=1994K$ ($duv=0.00058$)

Color Ratio: $R=0.350$ $G=0.635$ $B=0.015$

Peak Wavelength: 0nm

Half Bandwidth: 110.1nm

Dominant Wavelength: 589.8nm

Color Purity: 0.833

CRI: R_i : $R_a=92.3$

$R_1=94$

$R_2=99$

$R_3=96$

$R_4=95$

$R_5=96$

$R_6=94$

$R_7=87$

$R_8=77$

$R_9=56$

$R_{10}=98$

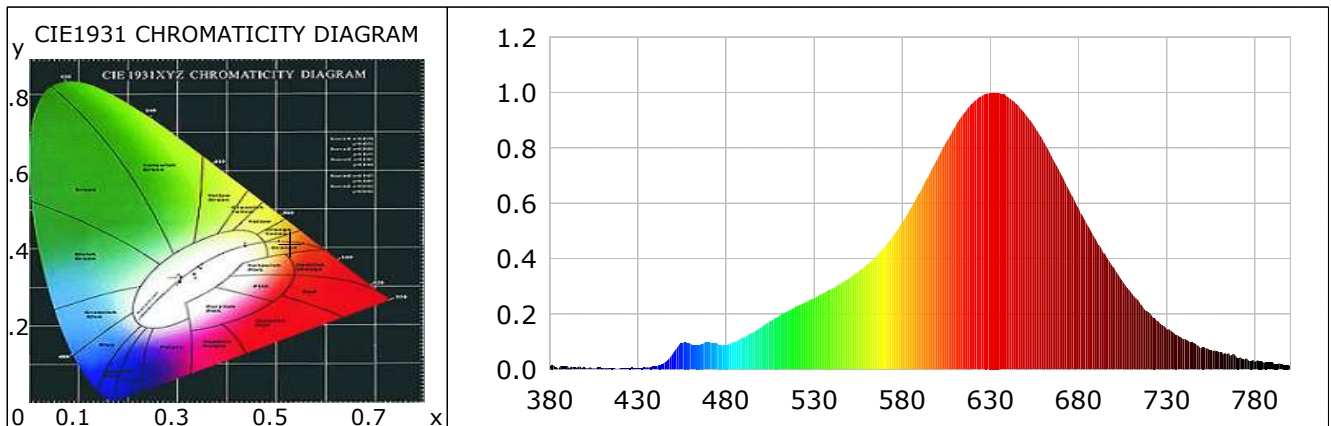
$R_{11}=98$

$R_{12}=90$

$R_{13}=96$

$R_{14}=99$

$R_{15}=87$



Photometric Parameters

Luminous Flux: 562.6 lm

Efficiency: 91.93 lm/W

Radiant Power: 2.265 W

Electric Parameters

Voltage: 0.00V

Current: 0.2550A

Power: 6.120W

Power Factor: 0.000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm

Stabilization Time: 0 ms

Max of Signal: 43325 (5115)

Photometric Method:

Photometric Condition: Sphere diameter: 1.50m, 4 π

CCD Integration Time: 1299.55 ms

Condition:

Test Lab:

Operator:

Test Device: Inventfine CMS-2S

Test Time: 2020-10-30 16:55:01

Inspector:

Spectrum Test Report

Product Information

Product Category: 12W--Round-NW

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4028$ $y=0.3693$ $u(u')=0.2432$ $v=0.3344$ $v'=0.5016$

CCT: $T_c=3370K$ ($duv=-0.00913$)

Color Ratio: $R=0.241$ $G=0.715$ $B=0.044$

Peak Wavelength: 0nm

Half Bandwidth: 25.6nm

Dominant Wavelength: 587.2nm

Color Purity: 0.317

CRI: R_i : $R_a=94.0$

$R_1=93$

$R_2=93$

$R_3=96$

$R_4=98$

$R_5=93$

$R_6=89$

$R_7=93$

$R_8=97$

$R_9=95$

$R_{10}=88$

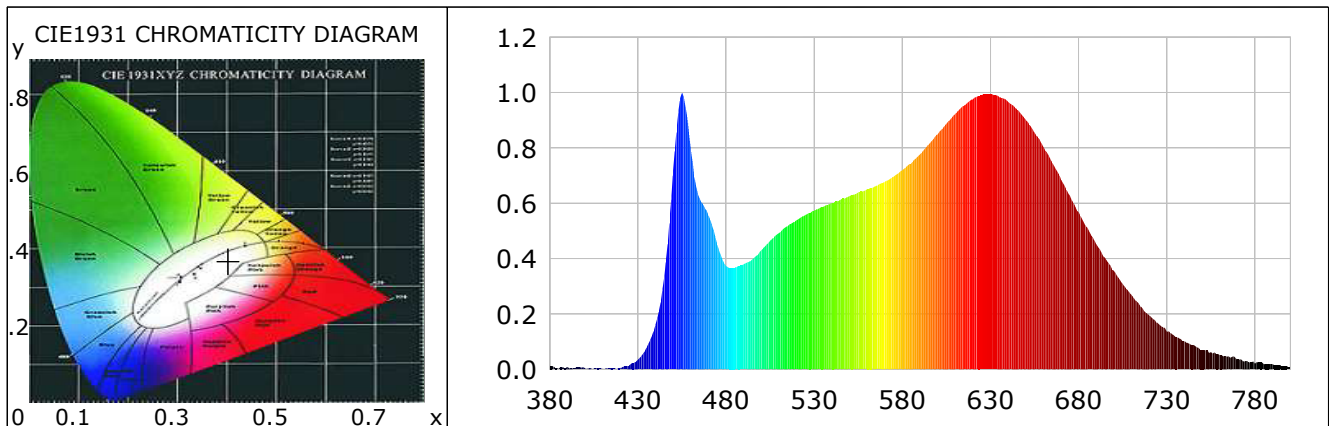
$R_{11}=95$

$R_{12}=76$

$R_{13}=92$

$R_{14}=99$

$R_{15}=93$



Photometric Parameters

Luminous Flux: 1303.9 lm

Efficiency: 106.74 lm/W

Radiant Power: 4.896 W

Electric Parameters

Voltage: 24.00V

Current: 0.5090A

Power: 12.216W

Power Factor: 0.000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm

Stabilization Time: 0 ms

Max of Signal: 44490 (4861)

Photometric Method:

Photometric Condition: Sphere diameter: 1.50m, 4 π

CCD Integration Time: 834.90 ms

Condition:

Test Lab:

Operator:

Test Device: Inventfine CMS-2S

Test Time: 2020-10-30 16:56:23

Inspector:

Spectrum Test Report

Product Information

Product Category: 12W--Round-CW

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3254$ $y=0.3415$ $u(u')=0.2019$ $v=0.3178$ $v'=0.4767$

CCT: $T_c=5818K$ ($duv=0.00343$)

Color Ratio: $R=0.160$ $G=0.775$ $B=0.065$

Peak Wavelength: 0nm

Half Bandwidth: 23.9nm

Dominant Wavelength: 506.9nm

Color Purity: 0.024

CRI: R_i : $R_a=92.9$

$R_1=95$

$R_2=97$

$R_3=91$

$R_4=91$

$R_5=91$

$R_6=90$

$R_7=94$

$R_8=93$

$R_9=95$

$R_{10}=89$

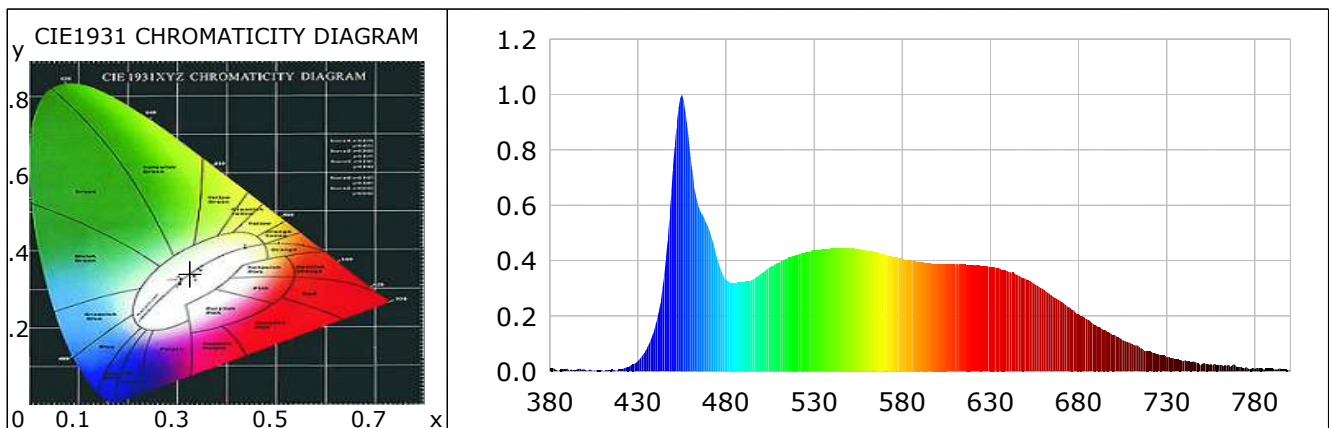
$R_{11}=95$

$R_{12}=57$

$R_{13}=98$

$R_{14}=94$

$R_{15}=93$



Photometric Parameters

Luminous Flux: 735.0 lm

Efficiency: 121.05 lm/W

Radiant Power: 2.620 W

Electric Parameters

Voltage: 24.00V

Current: 0.2530A

Power: 6.072W

Power Factor: 0.000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm

Stabilization Time: 0 ms

Max of Signal: 44892 (4983)

Photometric Method:

Photometric Condition: Sphere diameter: 1.50m, 4 π

CCD Integration Time: 913.02 ms

Condition:

Test Lab:

Operator:

Test Device: Inventfine CMS-2S

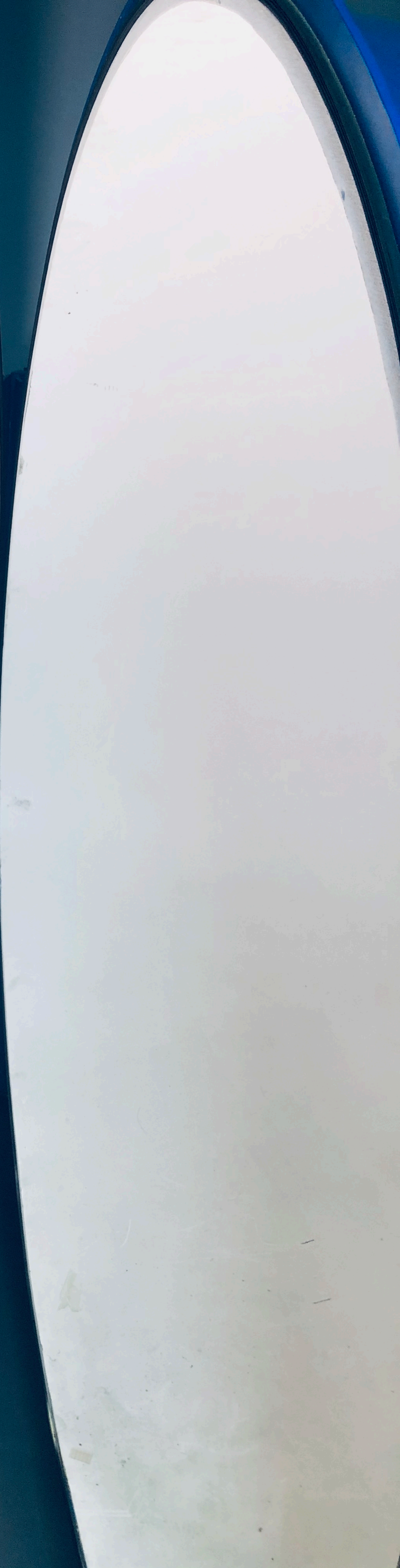
Test Time: 2020-10-30 16:53:10

Inspector:

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GRATING SPHERE



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SPHERE



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SPHERE

