

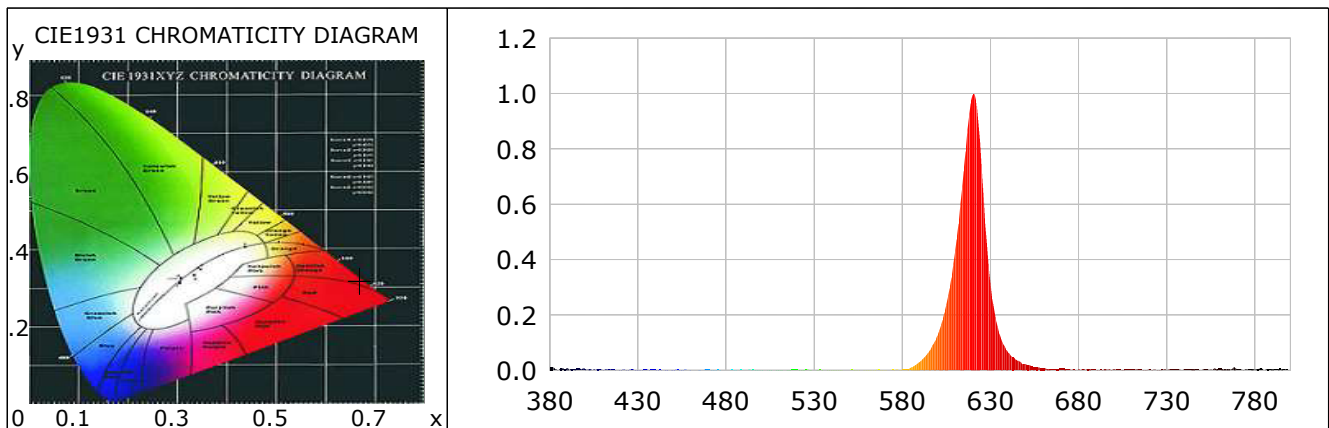
Lightsource Test Report

Product Information

Product Number: 233

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6699$ $y=0.3207$ $u(u')=0.4864$ $v=0.3493$ $v'=0.5240$
 CCT: $T_c=1000K$ ($duv=-0.03863$) Color Ratio: $R=0.915$ $G=0.084$ $B=0.002$
 Peak Wavelength: 620nm Half Bandwidth: 16.1nm
 Dominant Wavelength: 614.8nm Color Purity: 0.972
 Color Render Index: $R_a=29.0$, $CRI=32.2$
 $R1=15$ $R2=82$ $R3=33$ $R4=0$ $R5=18$ $R6=85$ $R7=0$ $R8=0$
 $R9=0$ $R10=77$ $R11=9$ $R12=63$ $R13=37$ $R14=63$ $R15=0$



Photometric Parameters

Luminous Flux: 121.29 lm Efficiency: 59.46 lm/W Radiant Power: 0.457 W

Electric Parameters

Voltage: 24.00V Current: 0.0850A Power: 2.04W
 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, 4T
 Max of Signal: 43166 (5522) CCD Integration Time: 982.82 ms



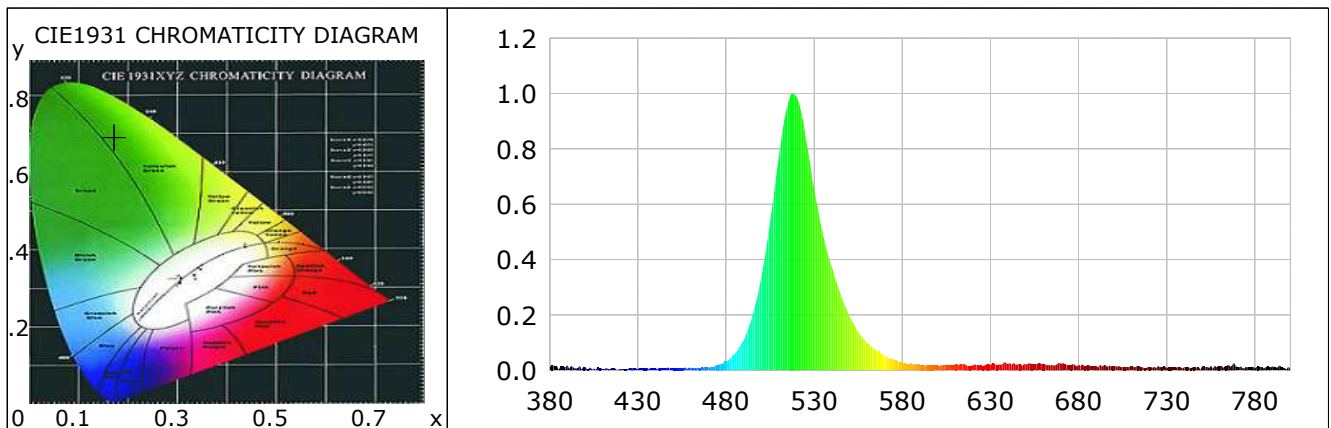
Lightsource Test Report

Product Information

Product Number: 231

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1719$ $y=0.6976$ $u(u')=0.0623$ $v=0.3796$ $v'=0.5694$
 CCT: $T_c=7936K$ ($duv=0.15364$) Color Ratio: $R=0.015$ $G=0.959$ $B=0.026$
 Peak Wavelength: 518nm Half Bandwidth: 30.6nm
 Dominant Wavelength: 525.1nm Color Purity: 0.740
 Color Render Index: $R_a= 1.5$, $CRI= 3.6$
 $R1 =0$ $R2 =0$ $R3 =0$ $R4 =0$ $R5 =4$ $R6 =0$ $R7 =8$ $R8 =0$
 $R9 =0$ $R10=0$ $R11=0$ $R12=0$ $R13=0$ $R14=43$ $R15=0$



Photometric Parameters

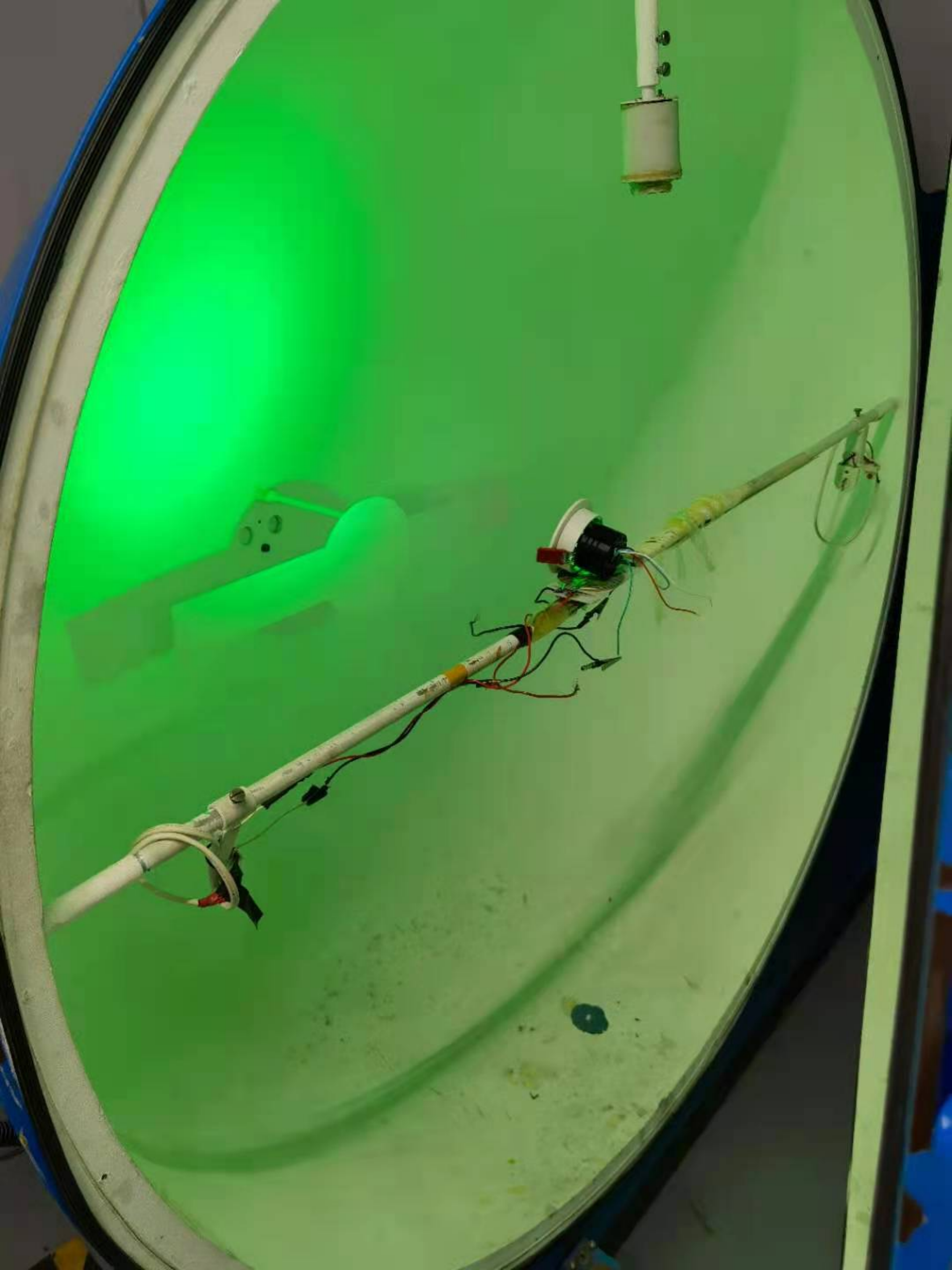
Luminous Flux: 143.39 lm Efficiency: 72.79 lm/W Radiant Power: 0.332 W

Electric Parameters

Voltage: 24.00V Current: 0.0820A Power: 1.97W
 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, 4T
 Max of Signal: 40050 (5823) CCD Integration Time: 1907.75 ms



Lightsource Test Report

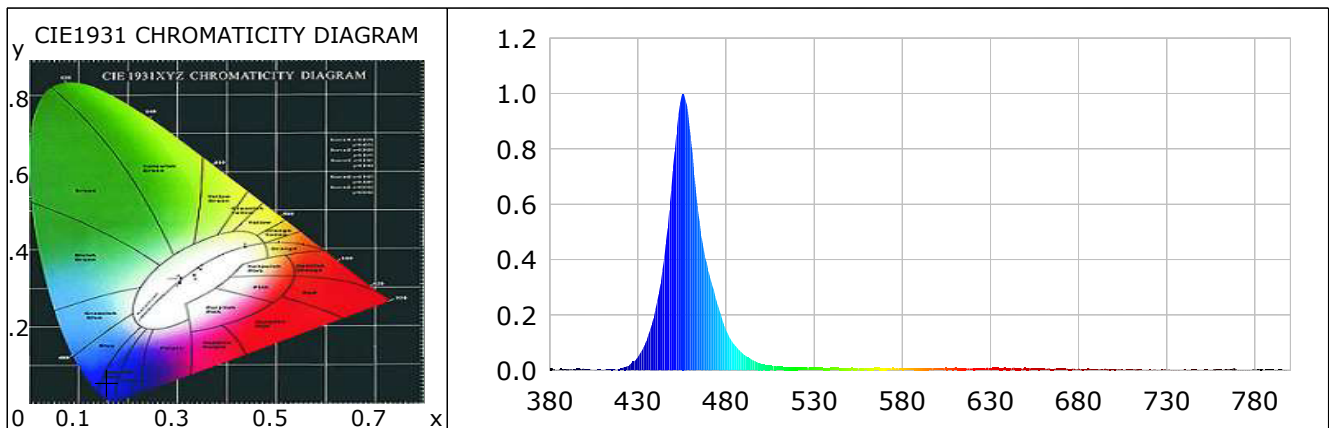
Product Information

Product Number: 232

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1562$ $y=0.0522$ $u(u')=0.1885$ $v=0.0944$ $v'=0.1417$
 CCT: $T_c=100000K$ ($duv=-0.17168$) Color Ratio: $R=0.064$ $G=0.323$ $B=0.612$
 Peak Wavelength: 456nm Half Bandwidth: 19.1nm
 Dominant Wavelength: 460.7nm Color Purity: 0.930
 Color Render Index: $R_a=17.3$, $CRI=15.2$

$R_1=70$	$R_2=0$	$R_3=0$	$R_4=0$	$R_5=69$	$R_6=0$	$R_7=0$	$R_8=0$
$R_9=6$	$R_{10}=0$	$R_{11}=0$	$R_{12}=0$	$R_{13}=27$	$R_{14}=0$	$R_{15}=56$	



Photometric Parameters

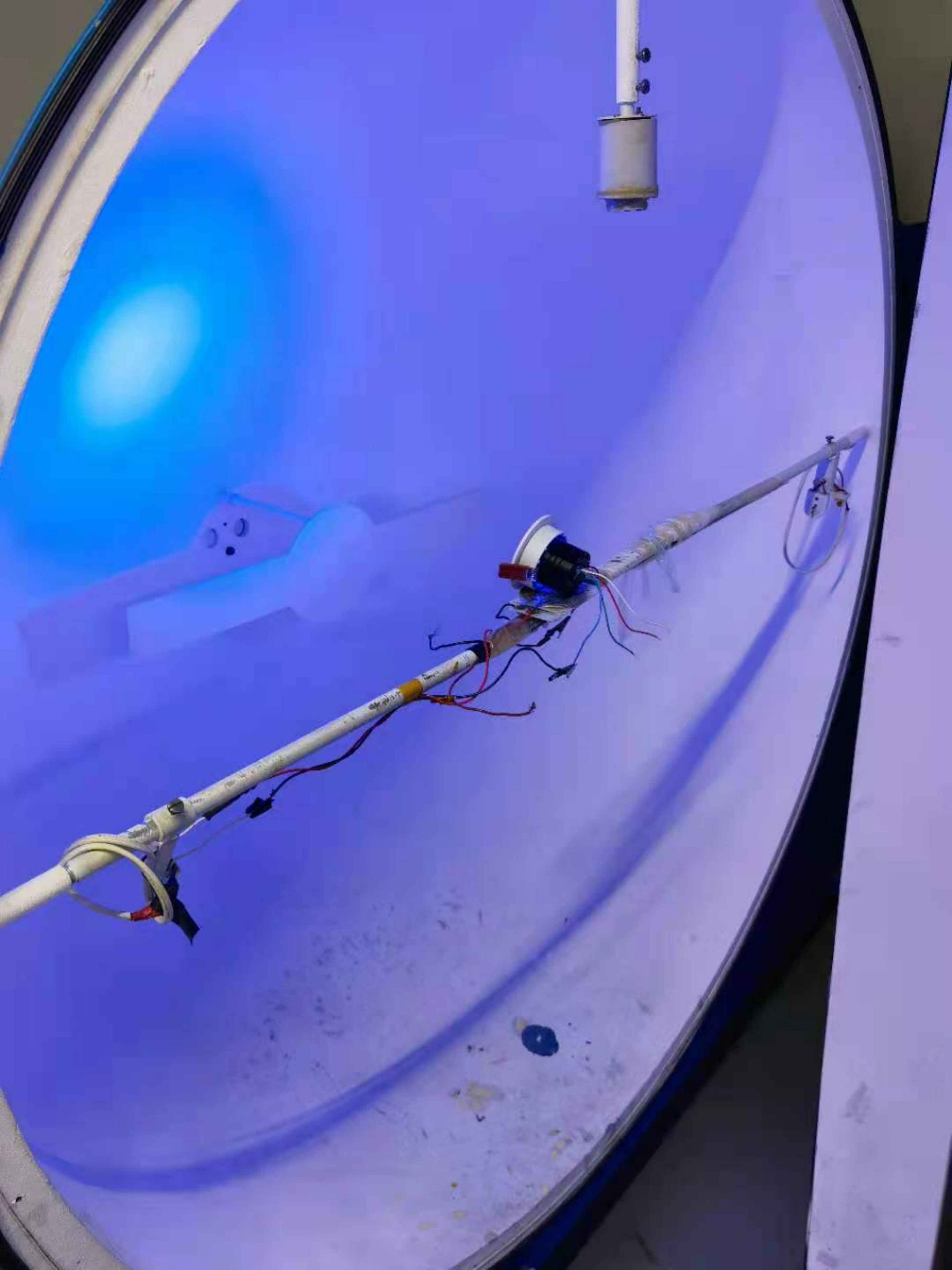
Luminous Flux: 50.80 lm Efficiency: 24.19 lm/W Radiant Power: 0.788 W

Electric Parameters

Voltage: 24.00V Current: 0.0850A Power: 2.10W
 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, 4T
 Max of Signal: 44214 (5407) CCD Integration Time: 698.68 ms



Lightsource Test Report

Product Information

Product Number: 234

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4661$ $y=0.4170$ $u(u')=0.2636$ $v=0.3538$ $v'=0.5307$

CCT: $T_c=2665K$ ($duv=0.00185$)

Color Ratio: $R=0.273$ $G=0.698$ $B=0.029$

Peak Wavelength: 638nm

Half Bandwidth: 150.3nm

Dominant Wavelength: 583.8nm

Color Purity: 0.651

Color Render Index: $R_a=96.9$, $CRI=96.3$

R1 =98

R2 =98

R3 =99

R4 =96

R5 =97

R6 =96

R7 =95

R8 =96

R9 =96

R10=98

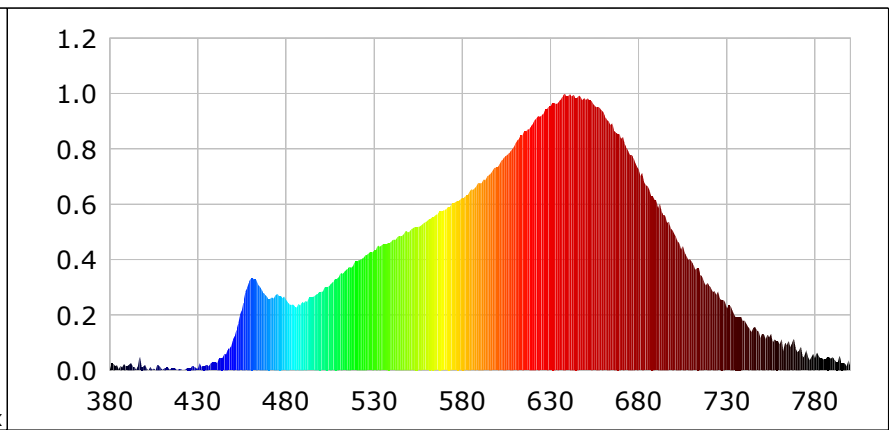
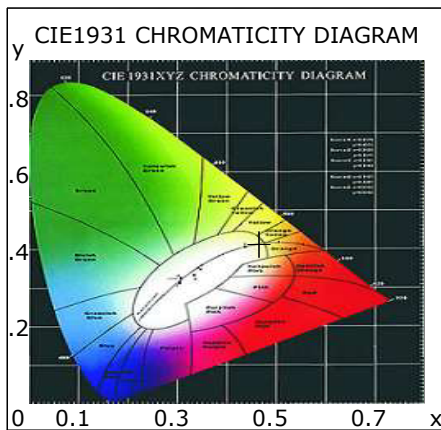
R11=97

R12=85

R13=98

R14=98

R15=98



Photometric Parameters

Luminous Flux: 129.75 lm

Efficiency: 65.20 lm/W

Radiant Power: 0.524 W

Electric Parameters

Voltage: 24.00V

Current: 0.0830A

Power: 1.99W

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, 4T

Max of Signal: 40886 (6567)

CCD Integration Time: 6325.66 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: 2021-11-08 15:14:15

Inspector:

