杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report

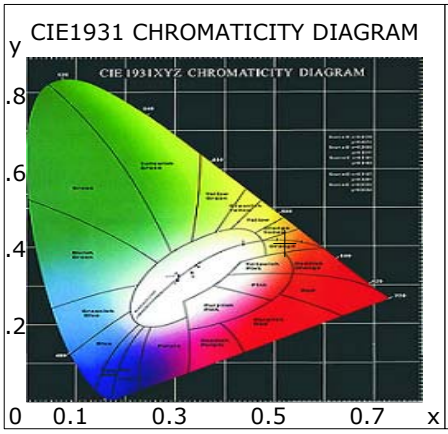
Product Information

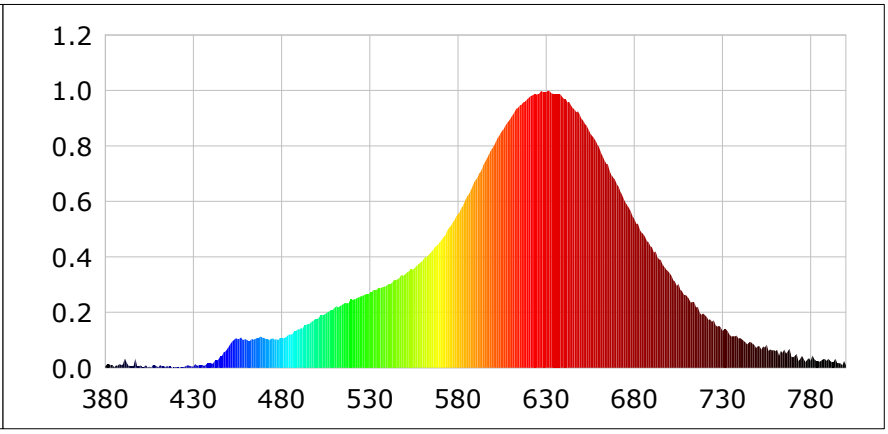
Product Category: 24v TW Panel 6W
Product Type: BNL-PL-R105-6W
Product Spec: SMD2835
Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.5221 y=0.4142 u(u')=0.3015 v=0.3588 v'=0.5382
CCT: Tc=2044K (duv=0.00008)
Color Ratio: R=0.342 G=0.641 B=0.017
Peak Wavelength: 631nm
Half Bandwidth: 108.5nm
Dominant Wavelength: 588.5nm
Color Purity: 0.811
Color Render Index: Ra= 91.2, CRI= 89.7

R1 =94	R2 =100	R3 =94	R4 =94	R5 =96	R6 =92	R7 =85	R8 =75
R9 =52	R10=99	R11=98	R12=87	R13=96	R14=98	R15=86	





Photometric Parameters

Luminous Flux: 197.57 lm
Efficiency: 65.86 lm/W
Radiant Power: 0.773 W

Electric Parameters

Forward Voltage (VF): 24.00V Forward Current (IF): 125mA Power: 3.000W
Reverse Voltage (VR): 0.0V Reverse Current (IR): 0.0000uA

Test Information

Scan Range: 380nm~800nm:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms
Photometric Condition: Sphere diameter: 1.50m, 4Π
Max of Signal: 42119 (6090)
CCD Integration Time: 3981.86 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%
Test Device: Inventfine CMS-2
Test Lab:
Test Time: 2026-05-22 15:22:40
Operator:
Inspector:

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Lightsource Test Report

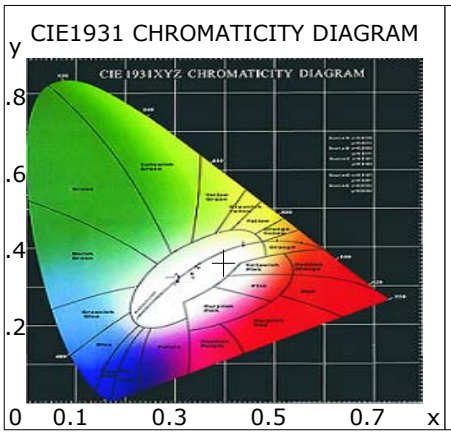
Product Information

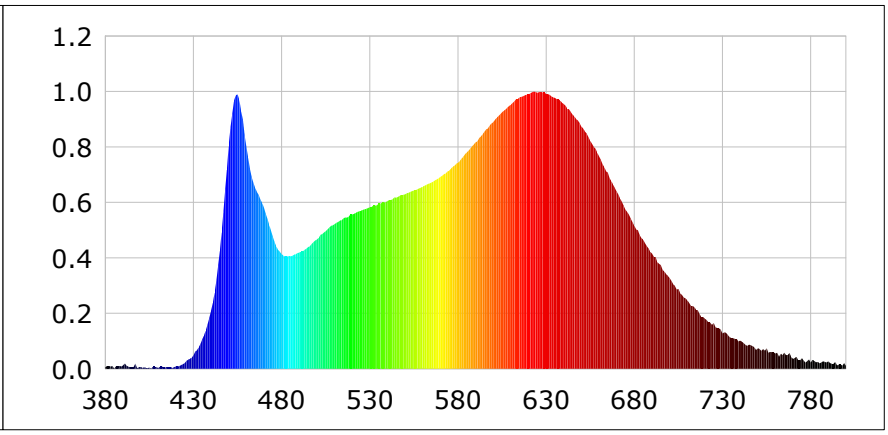
Product Category: 24v TW Panel 6W
Product Type: BNL-PL-R105-6W
Product Spec: SMD2835
Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3982 y=0.3651 u(u')=0.2419 v=0.3327 v'=0.4990
CCT: Tc=3439K (duv=-0.01012)
Color Ratio: R=0.239 G=0.715 B=0.046
Peak Wavelength: 623nm
Half Bandwidth: 176.4nm
Dominant Wavelength: 586.9nm
Color Purity: 0.291
Color Render Index: Ra= 93.0, CRI= 92.1

R1 =93	R2 =92	R3 =94	R4 =98	R5 =93	R6 =87	R7 =92	R8 =95
R9 =96	R10=86	R11=95	R12=76	R13=92	R14=98	R15=94	





Photometric Parameters

Luminous Flux: 456.10 lm
Efficiency: 76.63 lm/W
Radiant Power: 1.693 W

Electric Parameters

Forward Voltage (VF): 24.00V Forward Current (IF): 248mA Power: 5.952W
Reverse Voltage (VR): 0.0V Reverse Current (IR): 0.0000uA

Test Information
Scan Range: 380nm~800nm:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms
Photometric Condition: Sphere diameter: 1.50m, 4∏
Max of Signal: 45006 (5756)
CCD Integration Time: 2518.04 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%
Test Device: Inventfine CMS-2
Test Lab:
Test Time: 2026-05-22 15:26:21
Operator:
Inspector:

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Lightsource Test Report

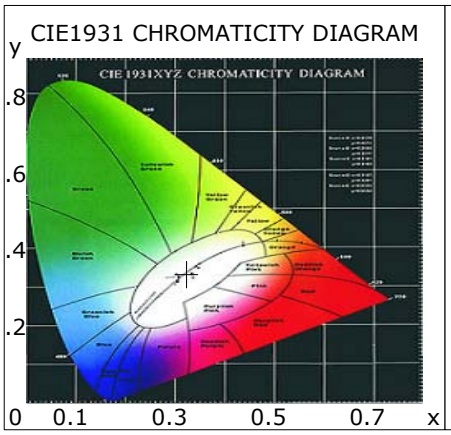
Product Information

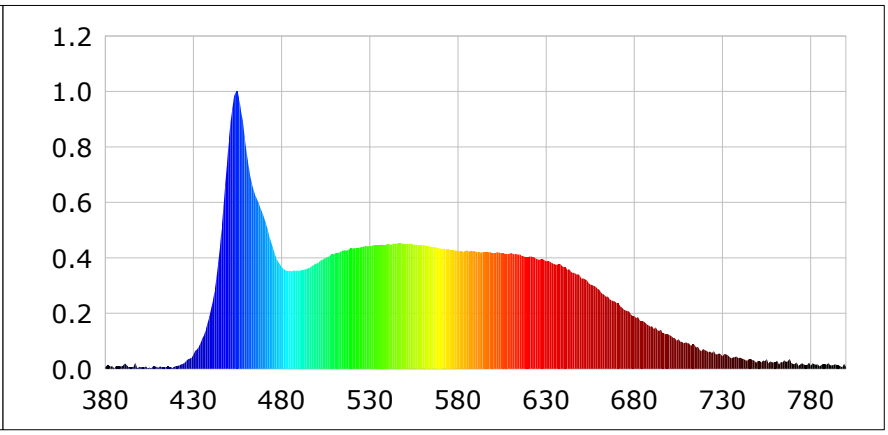
Product Category: 24v TW Panel 6W
Product Type: BNL-PL-R105-6W
Product Spec: SMD2835
Product Number: 3

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3233 y=0.3354 u(u')=0.2028 v=0.3155 v'=0.4733
CCT: Tc=5928K (duv=0.00128)
Color Ratio: R=0.161 G=0.771 B=0.068
Peak Wavelength: 455nm
Half Bandwidth: 26.3nm
Dominant Wavelength: 494.4nm
Color Purity: 0.032
Color Render Index: Ra= 93.3, CRI= 91.5

R1 =94	R2 =98	R3 =93	R4 =91	R5 =91	R6 =91	R7 =95	R8 =93
R9 =94	R10=93	R11=94	R12=61	R13=98	R14=95	R15=93	





Photometric Parameters

Luminous Flux: 262.41 lm
Efficiency: 87.47 lm/W
Radiant Power: 0.936 W

Electric Parameters

Forward Voltage (VF): 24.00V Forward Current (IF): 125mA Power: 3.000W
Reverse Voltage (VR): 0.0V Reverse Current (IR): 0.0000uA

Test Information
Scan Range: 380nm~800nm:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms
Photometric Condition: Sphere diameter: 1.50m, 4π
Max of Signal: 42216 (5844)
CCD Integration Time: 2518.04 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%
Test Device: Inventfine CMS-2
Test Lab:
Test Time: 2026-05-22 15:27:47
Operator:
Inspector: