Lightsource Test Report

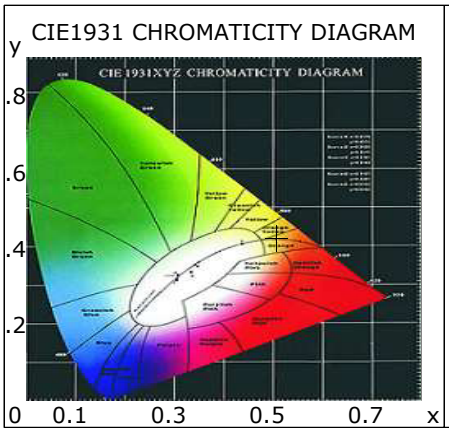
Product Information

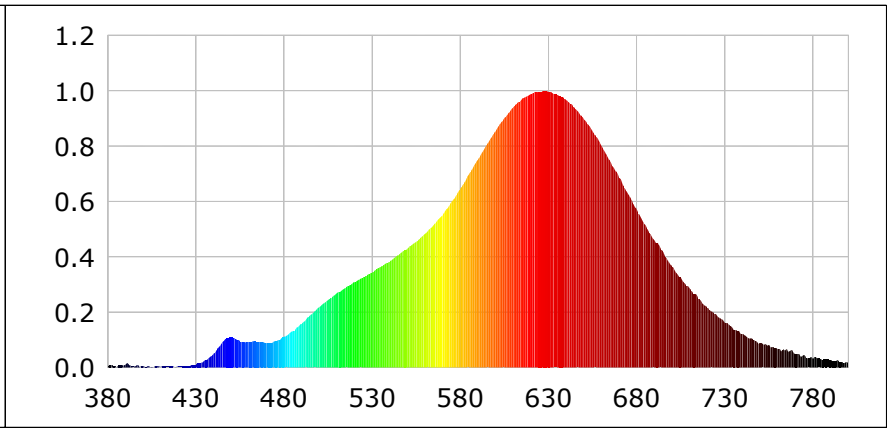
Product Category: 12W IP65 Downlight 2000-6000k Product Number: 994
Manufacturer: hot

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.5075 y=0.4257 u(u')=0.2861 v=0.3601 v'=0.5401
CCT: Tc=2252K (duv=0.00328) Color Ratio: R=0.307 G=0.677 B=0.017
Peak Wavelength: 627nm Half Bandwidth: 123.8nm
Dominant Wavelength: 585.9nm Color Purity: 0.802
Color Render Index: Ra= 91.6, CRI= 89.1

R1 =91	R2 =96	R3 =98	R4 =92	R5 =92	R6 =99	R7 =89	R8 =76
R9 =50	R10=91	R11=95	R12=91	R13=92	R14=99	R15=84	





Photometric Parameters

Luminous Flux: 475.31 lm Efficiency: 77.41 lm/W Radiant Power: 1.772 W

Electric Parameters

Voltage: 24.00V Current: 0.2560A Power: 6.14W
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∏
Max of Signal: 47307 (5573) CCD Integration Time: 1741.85 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2023-04-12 11:04:27
Operator: Inspector:

Lightsource Test Report

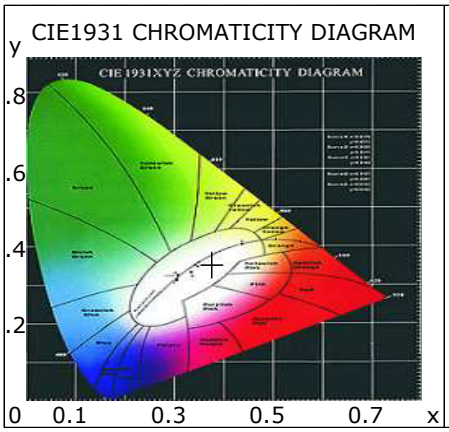
Product Information

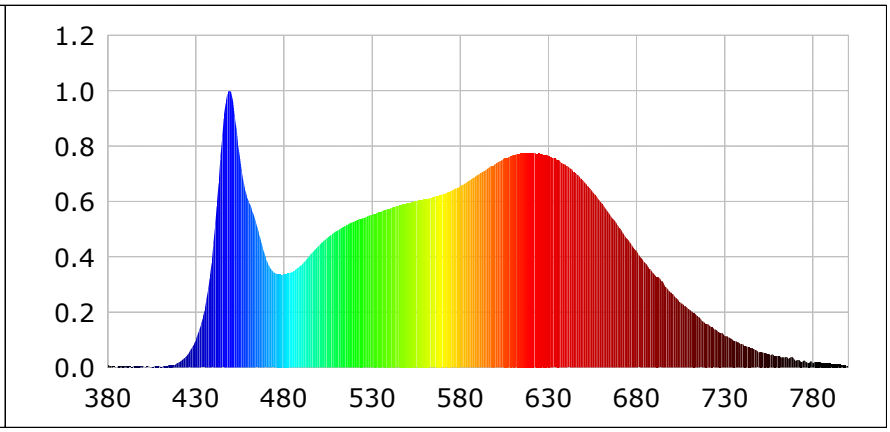
Product Category: 12W IP65 Downlight 2000-6000k Product Number: 995
Manufacturer: hot

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3766 y=0.3557 u(u')=0.2312 v=0.3276 v'=0.4914
CCT: Tc=3944K (duv=-0.00907) Color Ratio: R=0.214 G=0.740 B=0.046
Peak Wavelength: 449nm Half Bandwidth: 24.4nm
Dominant Wavelength: 586.2nm Color Purity: 0.197
Color Render Index: Ra= 96.3, CRI= 95.2

R1 =97	R2 =97	R3 =97	R4 =97	R5 =98	R6 =94	R7 =95	R8 =96
R9 =93	R10=96	R11=95	R12=82	R13=97	R14=98	R15=98	





Photometric Parameters

Luminous Flux: 1099.79 lm Efficiency: 89.85 lm/W Radiant Power: 4.020 W

Electric Parameters

Voltage: 24.00V Current: 0.5100A Power: 12.24W
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∏
Max of Signal: 44950 (5120) CCD Integration Time: 784.38 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2023-04-12 11:05:16
Operator: Inspector:

Lightsource Test Report

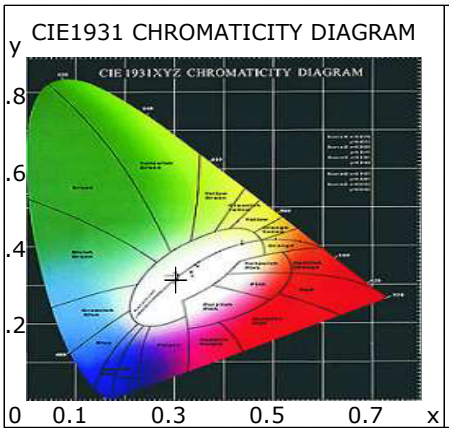
Product Information

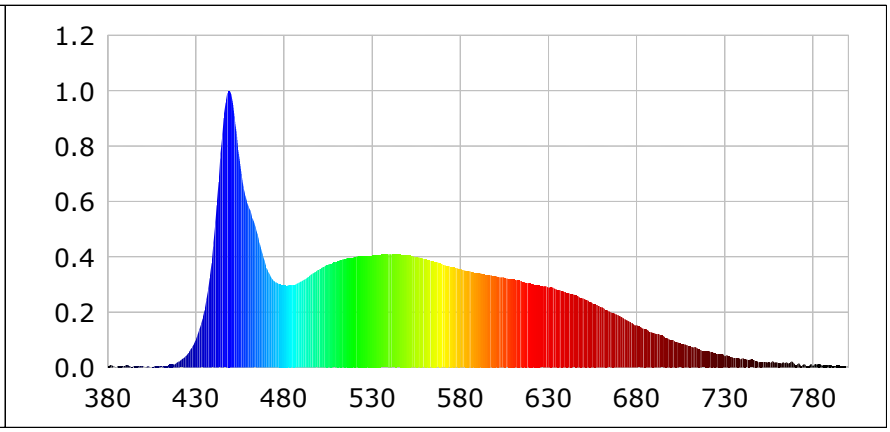
Product Category: 12W IP65 Downlight 2000-6000k Product Number: 997
Manufacturer: hot

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3026 y=0.3167 u(u')=0.1954 v=0.3067 v'=0.4601
CCT: Tc=6242K (duv=0.00209) Color Ratio: R=0.143 G=0.789 B=0.068
Peak Wavelength: 449nm Half Bandwidth: 23.5nm
Dominant Wavelength: 484.4nm Color Purity: 0.117
Color Render Index: Ra= 93.3, CRI= 90.6

R1 =95	R2 =93	R3 =85	R4 =99	R5 =93	R6 =86	R7 =97	R8 =99
R9 =91	R10=80	R11=97	R12=60	R13=95	R14=92	R15=97	





Photometric Parameters

Luminous Flux: 635.02 lm Efficiency: 103.42 lm/W Radiant Power: 2.310 W

Electric Parameters

Voltage: 24.00V Current: 0.2560A Power: 6.14W
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∏
Max of Signal: 43187 (5179) CCD Integration Time: 784.38 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2023-04-12 11:06:11
Operator: Inspector: