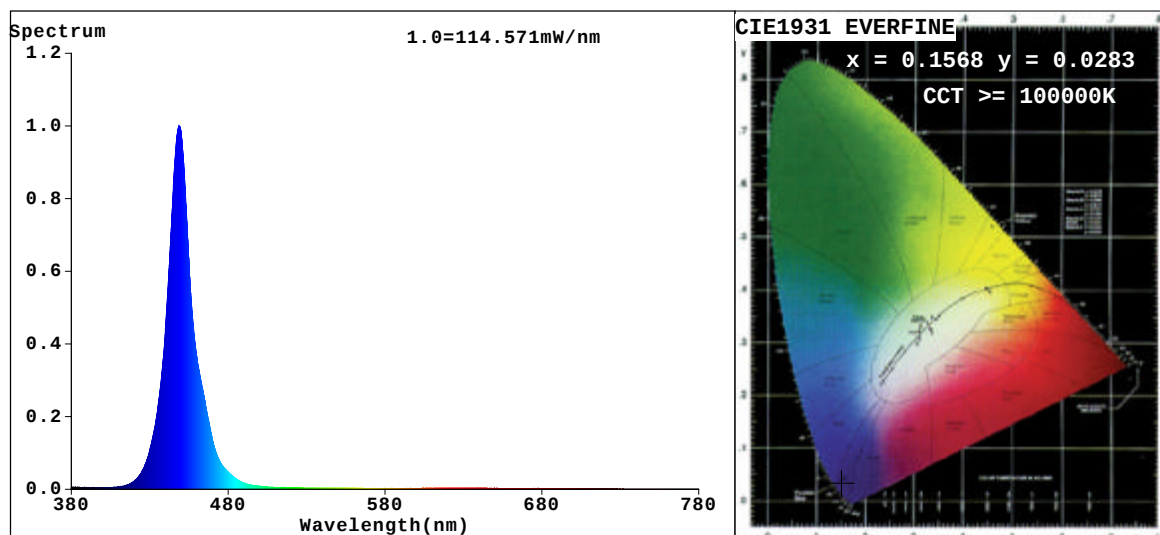


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1568$ $y=0.0283$ / $u'=0.2073$ $v'=0.0840$
CCT=100000K(Duv=-0.2116) Dominant WL:Ld =453.5nm Purity=97.7%
Ratio:R=3.6% G=18.5% B=78.0% Peak WL:Lp=448.5nm FWHM=15.8nm
Render Index:Ra=7.7 AvgR=6.9

R1 =28	R2 =0	R3 =0	R4 =0	R5 =33	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=5	R14=0	R15=38

Photo Parameters:

Flux = 93.45 lm Eff. : 18.11 lm/W Fe = 2.476 W

Electrical parameters:

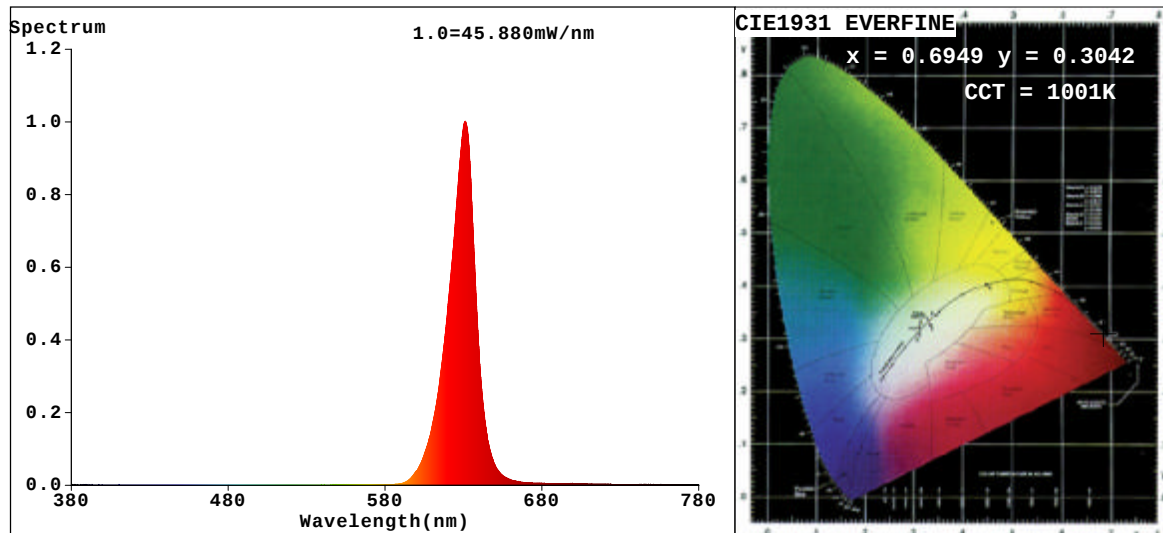
V = 23.997 V I = 0.2150 A P = 5.159 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 56 ms Ip = 49335 (75%)

Model:840D COB RGB+2000+6000K
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-08-13 17:15:45
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6949$ $y=0.3042$ / $u'=0.5284$ $v'=0.5204$

CCT=1001K(Duv=-0.0808) Dominant WL:Ld =622.3nm Purity=99.7%

Ratio:R=97.6% G=2.4% B=0.0% Peak WL:Lp=630.9nm FWHM=17.9nm

Render Index:Ra=25.8 AvgR=29.9

R1 =6	R2 =79	R3 =29	R4 =0	R5 =1	R6 =91	R7 =1	
R8 =0	R9 =0	R10=73	R11=0	R12=79	R13=31	R14=58	R15=0

Photo Parameters:

Flux = 195.6 lm Eff. : 32.39 lm/W Fe = 981.2 mW

Electrical parameters:

V = 23.997 V I = 0.2517 A P = 6.040 W PF = 1.000

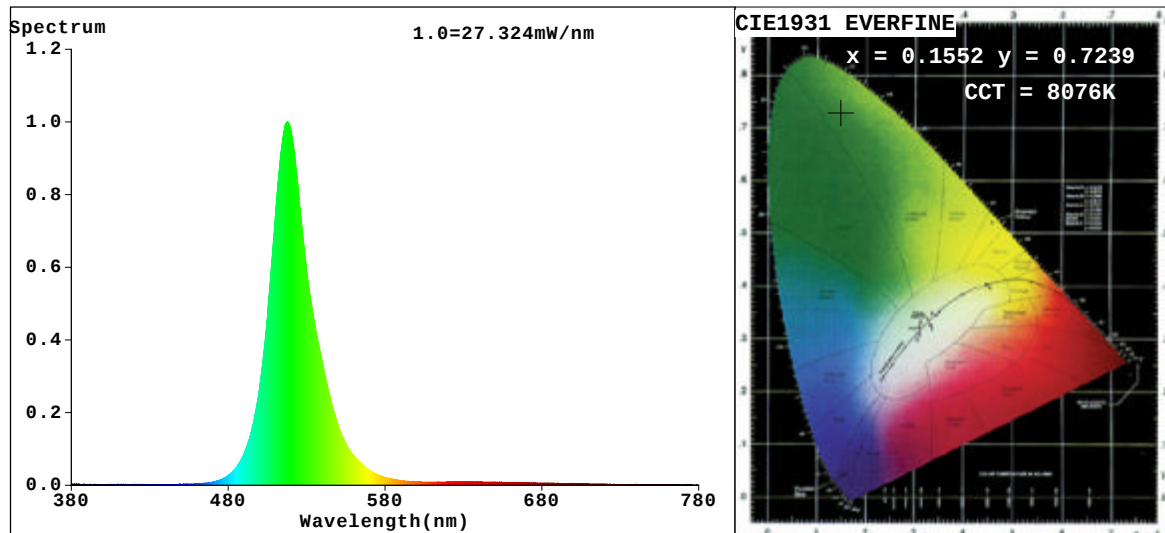
LEVEL:OUT WHITE:OUT

Status: Integral T = 126 ms Ip = 54005 (82%)

Model:840D COB RGB+2000+6000K
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-08-13 17:16:05
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1552$ $y=0.7239$ $u'=0.0546$ $v'=0.5727$

CCT=8076K(Duv=0.1615) Dominant WL:Ld =524.2nm Purity=78.9%

Ratio:R=0.7% G=97.2% B=2.2% Peak WL:Lp=517.8nm FWHM=27.2nm

Render Index:Ra=0.0 AvgR=2.5

R1 =0	R2 =0	R3 =0	R4 =0	R5 =0	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=37	R15=0

Photo Parameters:

Flux = 435.7 lm Eff. : 124.43 lm/W Fe = 944.1 mW

Electrical parameters:

V = 23.997 V I = 0.1459 A P = 3.501 W PF = 1.000

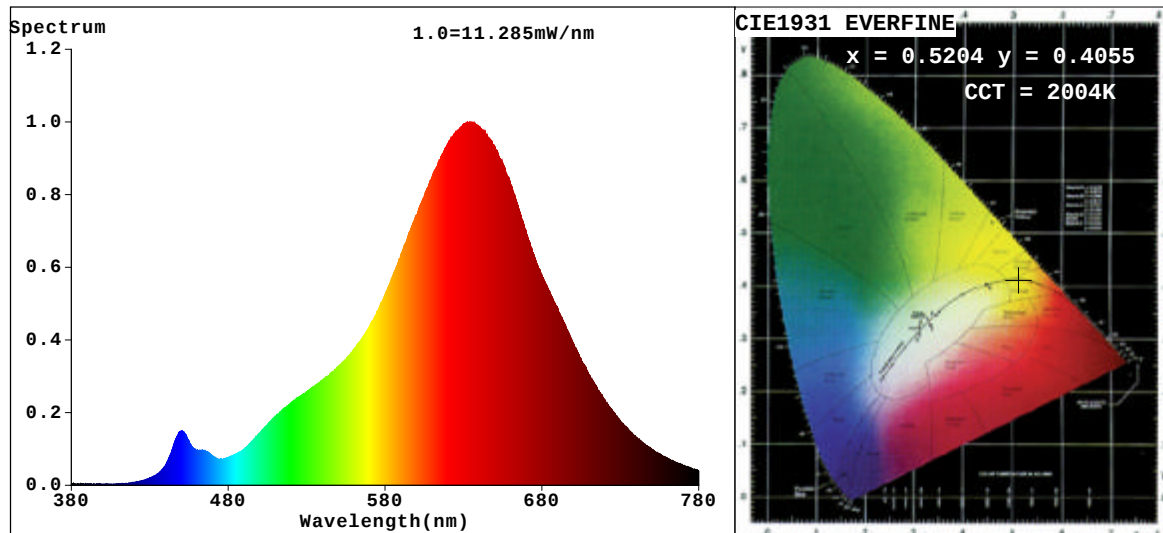
LEVEL:OUT WHITE:OUT

Status: Integral T = 126 ms Ip = 38733 (59%)

Model:840D COB RGB+2000+6000K
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-08-13 17:16:21
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5204$ $y=0.4055$ $u'=0.3050$ $v'=0.5347$

CCT=2004K(Duv=-0.0026) Dominant WL:Ld =589.7nm Purity=77.9%

Ratio:R=34.9% G=63.7% B=1.5% Peak WL:Lp=632.5nm FWHM=111.0nm

Render Index:Ra=92.8 AvgR=91.6

R1 =95	R2 =99	R3 =97	R4 =95	R5 =96	R6 =94	R7 =88	
R8 =79	R9 =60	R10=98	R11=97	R12=91	R13=97	R14=99	R15=89

Photo Parameters:

Flux = 367.7 lm Eff. : 69.87 lm/W Fe = 1.524 W

Electrical parameters:

V = 23.997 V I = 0.2193 A P = 5.263 W PF = 1.000

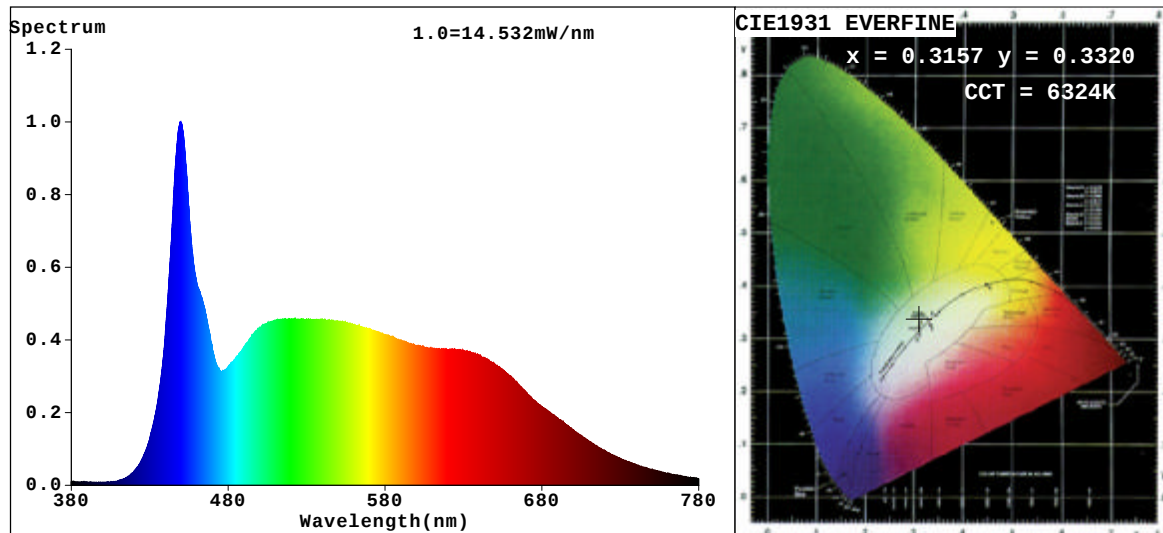
LEVEL:OUT WHITE:OUT

Status: Integral T = 515 ms Ip = 54271 (83%)

Model:840D COB RGB+2000+6000K
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-08-13 17:16:41
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3157$ $y=0.3320$ $u'=0.1988$ $v'=0.4703$

CCT=6324K(Duv=0.0032) Dominant WL:Ld =490.7nm Purity=6.0%

Ratio:R=15.2% G=78.2% B=6.6% Peak WL:Lp=449.5nm FWHM=22.9nm

Render Index:Ra=95.5 AvgR=93.2

R1 =95	R2 =97	R3 =96	R4 =96	R5 =95	R6 =93	R7 =98	
R8 =94	R9 =84	R10=91	R11=96	R12=74	R13=96	R14=98	R15=95

Photo Parameters:

Flux = 448.8 lm Eff. : 88.42 lm/W Fe = 1.655 W

Electrical parameters:

V = 23.997 V I = 0.2115 A P = 5.075 W PF = 1.000

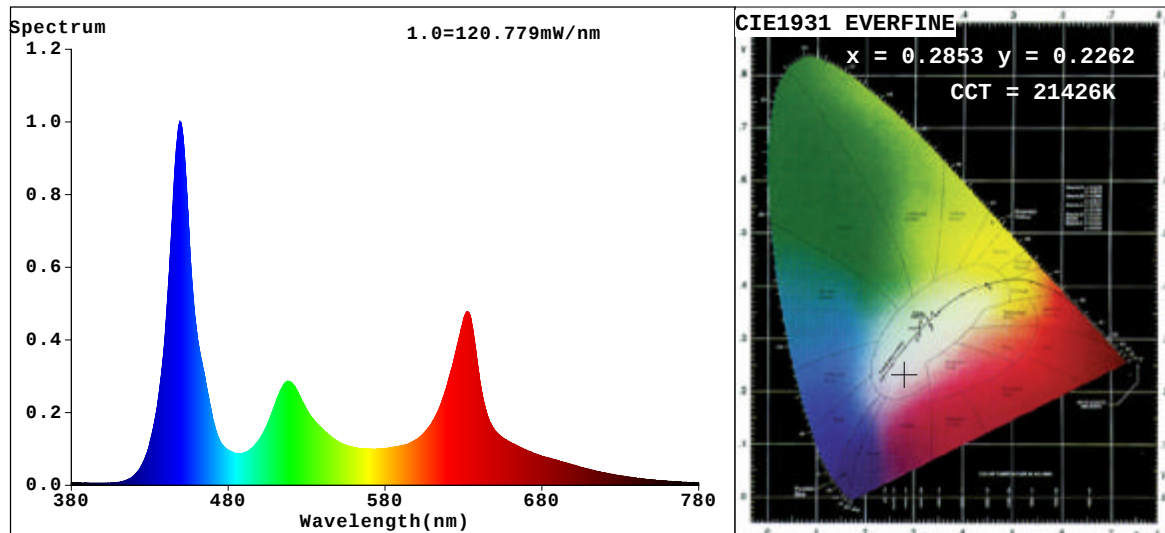
LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 515 ms Ip = 58201 (89%)

Model:840D COB RGB+2000+6000K
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-08-13 17:16:57
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2853$ $y=0.2262$ $u'=0.2219$ $v'=0.3958$

CCT=21426K(Duv=-0.0402) Dominant WL:Ld =-568.9nm Purity=46.7%

Ratio:R=24.9% G=67.3% B=7.8% Peak WL:Lp=449.1nm FWHM=16.8nm

Render Index:Ra=41.7 AvgR=36.1

R1 =20	R2 =67	R3 =61	R4 =16	R5 =37	R6 =66	R7 =67	
R8 =0	R9 =0	R10=40	R11=0	R12=65	R13=30	R14=72	R15=0

Photo Parameters:

Flux = 1457 lm Eff. : 59.85 lm/W Fe = 7.185 W

Electrical parameters:

V = 23.997 V I = 1.014 A P = 24.34 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 51 ms Ip = 47671 (73%)

Model:840D COB RGB+2000+6000K
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-08-13 17:17:26
Humidity:65.0%
Remarks:1M