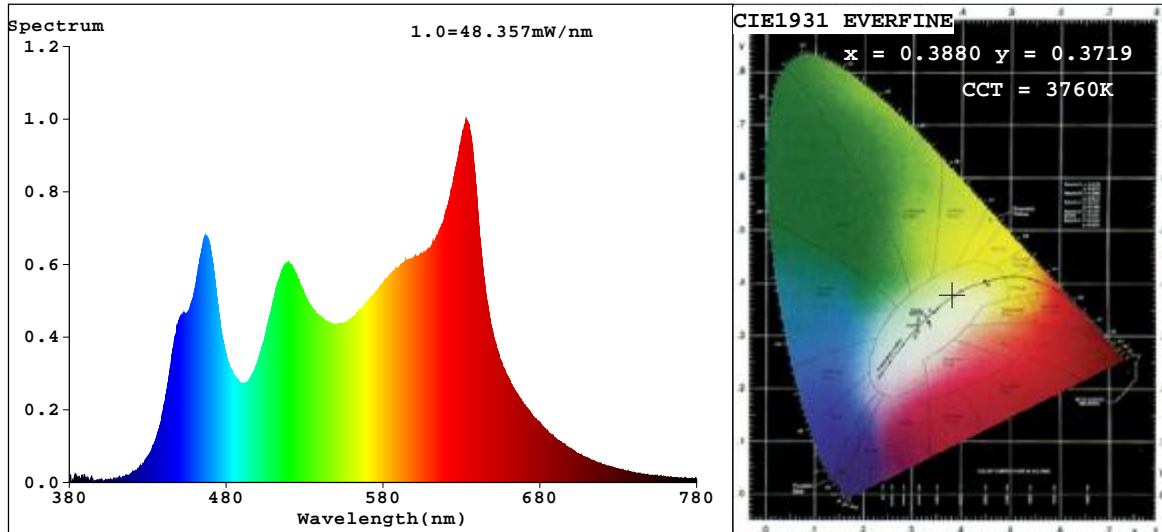


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3880$ $y=0.3719$ / $u'=0.2321$ $v'=0.5006$
 CCT=3760K (Duv=-0.0044) Dominant WL:Ld =582.4nm Purity=28.0%
 Ratio:R=22.7% G=72.7% B=4.6% Peak WL:Lp=633.1nm FWHM=75.0nm
 Render Index:Ra=91.1
 R1 =89 R2 =92 R3 =94 R4 =91 R5 =89 R6 =85 R7 =93
 R8 =94 R9 =90 R10=83 R11=85 R12=78 R13=89 R14=97 R15=93

Photo Parameters:

Flux = 1853 lm Eff. : 77.16 lm/W Fe = 6.147 W Scotopic:3487.7 S/P:1.8818
 Photosynthetic:PPF:28.328umol/m2/s PAR WATT:6010.2mW/m2(400-700nm)

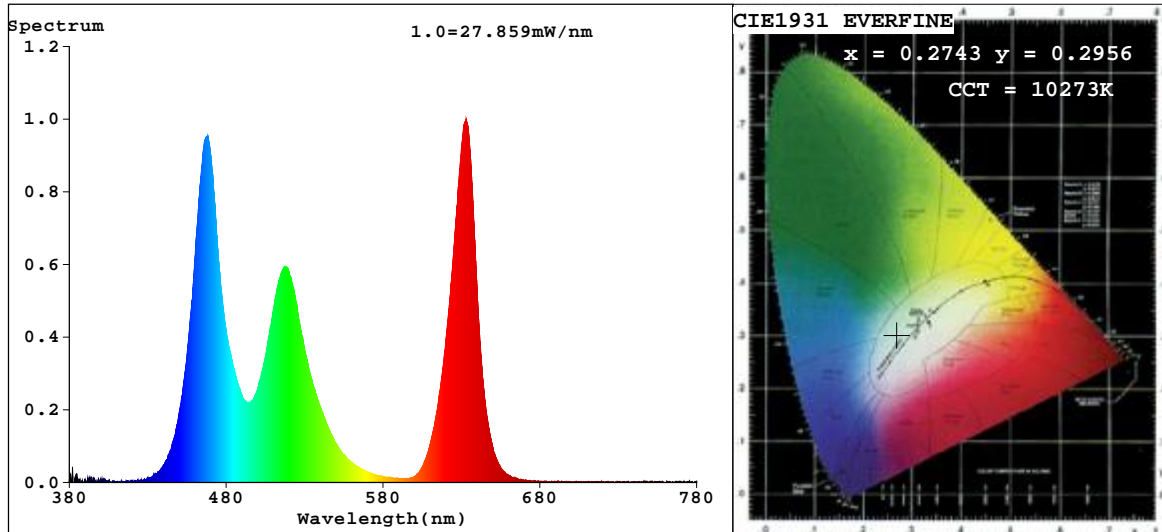
Electrical parameters:

V = 23.998 V I = 1.001 A P = 24.02 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 85 ms Ip = 36847 (56%)

Model:192D 24V 24W RGB3000K	Number:509
Tester:	Date:2019-08-28
Temperature:26DegDeg	Humidity:65%
Manufacturer:Unitop	Remarks:R391 GB181 W20R 11741

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2743$ $y=0.2956$ / $u'=0.1829$ $v'=0.4435$
 CCT=10273K (Duv=0.0077) Dominant WL:Ld =483.0nm Purity=23.1%
 Ratio:R=24.7% G=63.5% B=11.8% Peak WL:Lp=633.0nm FWHM=17.8nm
 Render Index:Ra=34.6
 R1 =12 R2 =49 R3 =67 R4 =31 R5 =34 R6 =40 R7 =44
 R8 =0 R9 =0 R10=0 R11=20 R12=48 R13=18 R14=77 R15=0

Photo Parameters:

Flux = 428.0 lm Eff. : 34.95 lm/W Fe = 1.847 W Scotopic:1604.3 S/P:3.7488
 Photosynthetic:PPF:8.268lumol/m2/s PAR WATT:1841.9mW/m2(400-700nm)

Electrical parameters:

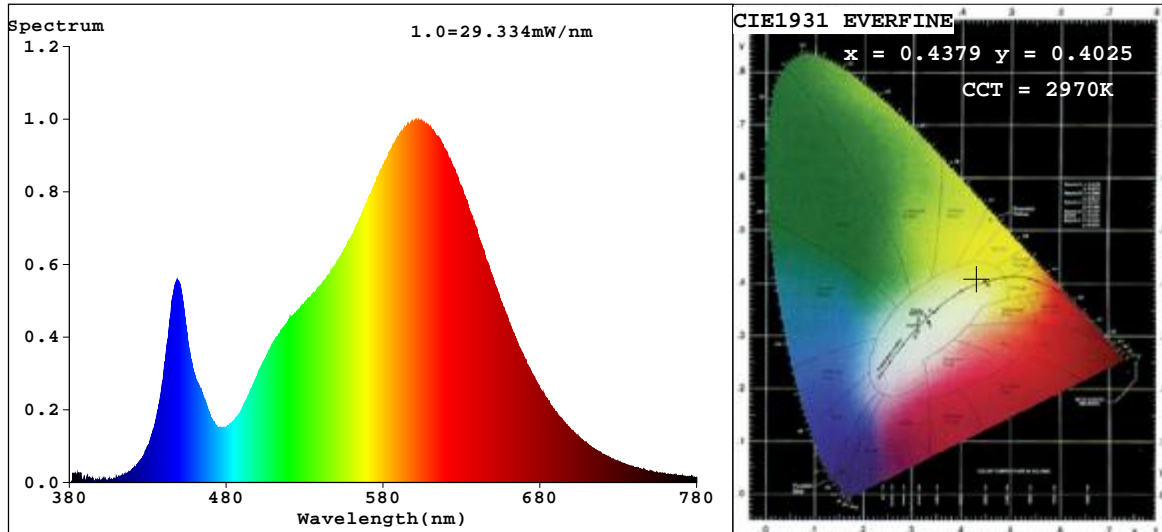
V = 23.998 V I = 0.5102 A P = 12.24 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 179 ms Ip = 44712 (68%)

Model:5050 RGB HL
 Tester:
 Temperature:26DegDeg
 Manufacturer:Unitop

Number:510
 Date:2019-08-28
 Humidity:65%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4379$ $y=0.4025$ / $u'=0.2519$ $v'=0.5209$
 CCT=2970K (Duv=-0.0008) Dominant WL:Ld =583.2nm Purity=52.2%
 Ratio:R=22.9% G=74.8% B=2.3% Peak WL:Lp=601.5nm FWHM=123.7nm
 Render Index:Ra=81.0
 R1 =79 R2 =89 R3 =96 R4 =79 R5 =79 R6 =87 R7 =82
 R8 =57 R9 =1 R10=75 R11=78 R12=69 R13=81 R14=98 R15=72

Photo Parameters:

Flux = 1415 lm Eff. : 127.59 lm/W Fe = 4.267 W Scotopic:1843.8 S/P:1.3034
 Photosynthetic:PPF:19.938umol/m2/s PAR WATT:4137.9mW/m2(400-700nm)

Electrical parameters:

V = 23.998 V I = 0.4620 A P = 11.09 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 154 ms Ip = 46109 (70%)

Model:2835 3000K HL Number:511
 Tester: Date:2019-08-28
 Temperature:26DegDeg Humidity:65%
 Manufacturer:Unitop Remarks:20R 3.1-3.2V