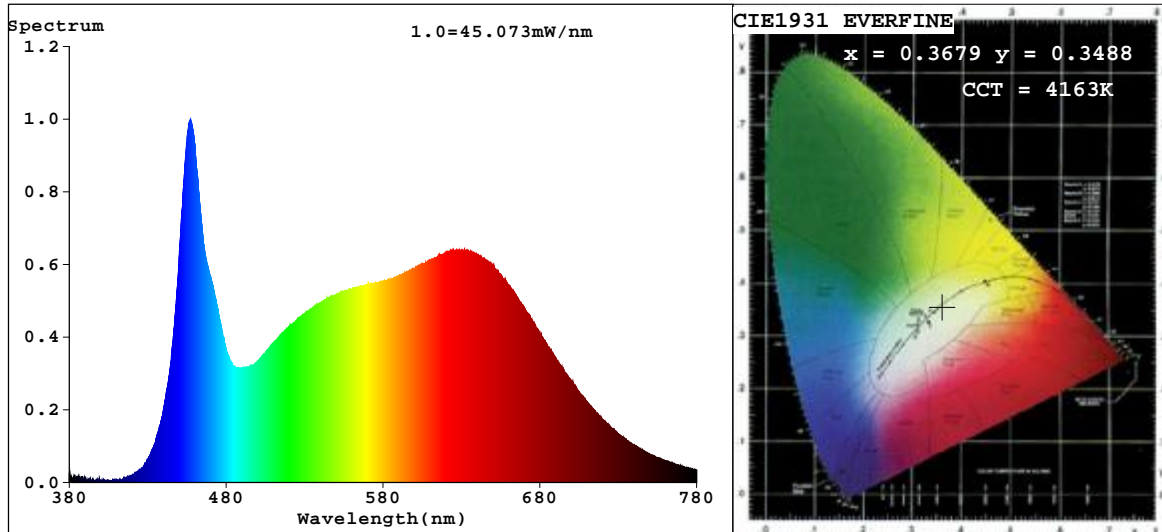


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3679$ $y=0.3488$ / $u'=0.2281$ $v'=0.4867$
 CCT=4163K (Duv=-0.0098) Dominant WL:Ld =588.0nm Purity=15.0%
 Ratio:R=20.9% G=73.8% B=5.3% Peak WL:Lp=457.3nm FWHM=25.3nm
 Render Index:Ra=94.4
 R1 =95 R2 =94 R3 =97 R4 =95 R5 =94 R6 =91 R7 =94
 R8 =96 R9 =91 R10=92 R11=95 R12=72 R13=94 R14=99 R15=92

Photo Parameters:

Flux = 1699 lm Eff. : 95.16 lm/W Fe = 6.533 W Scotopic:3312.9 S/P:1.9497
 Photosynthetic:PPF:28.914umol/m2/s PAR WATT:6091mW/m2(400-700nm)

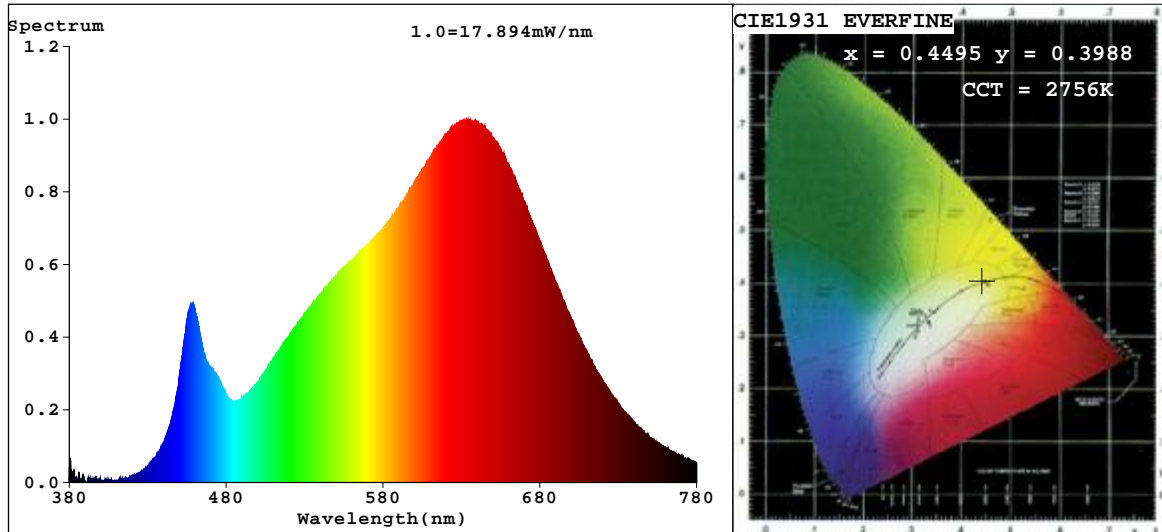
Electrical parameters:

V = 23.998 V I = 0.7441 A P = 17.86 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 141 ms Ip = 37749 (58%)

Model:704D 24V 18W 2700K6000K Number:115
 Tester: Date:2019-09-10
 Temperature:26DegDeg Humidity:65%
 Manufacturer:Unitop Remarks:300R 26608

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4495$ $y=0.3988$ / $u'=0.2611$ $v'=0.5212$
 CCT=2756K(Duv=-0.0035) Dominant WL:Ld =585.2nm Purity=54.6%
 Ratio:R=26.5% G=70.6% B=2.9% Peak WL:Lp=633.3nm FWHM=159.2nm
 Render Index:Ra=95.9
 R1 =98 R2 =99 R3 =98 R4 =95 R5 =97 R6 =97 R7 =94
 R8 =91 R9 =82 R10=97 R11=94 R12=83 R13=99 R14=98 R15=96

Photo Parameters:

Flux = 798.9 lm Eff. : 90.96 lm/W Fe = 3.099 W Scotopic:1082.7 S/P:1.3553
 Photosynthetic:PPF:13.96lumol/m2/s PAR WATT:2816.5mW/m2(400-700nm)

Electrical parameters:

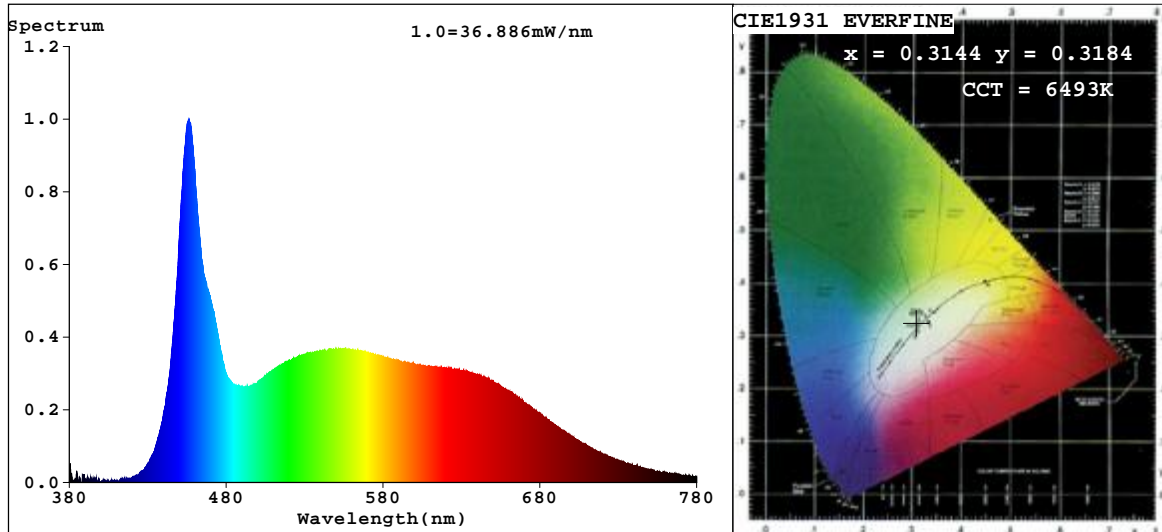
V = 23.998 V I = 0.3660 A P = 8.783 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 279 ms Ip = 43720 (67%)

Model:2700K
 Tester:
 Temperature:26DegDeg
 Manufacturer:Unitop

Number:116
 Date:2019-09-10
 Humidity:65%
 Remarks:2.9-3.0V

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3144$ $y=0.3184$ / $u'=0.2031$ $v'=0.4628$
 CCT=6493K (Duv=-0.0032) Dominant WL:Ld =480.6nm Purity=7.7%
 Ratio:R=15.9% G=77.0% B=7.1% Peak WL:Lp=456.4nm FWHM=22.6nm
 Render Index:Ra=93.5
 R1 =95 R2 =97 R3 =97 R4 =90 R5 =92 R6 =92 R7 =92
 R8 =93 R9 =95 R10=97 R11=92 R12=64 R13=97 R14=99 R15=93

Photo Parameters:

Flux = 918.9 lm Eff. : 105.22 lm/W Fe = 3.474 W Scotopic:2221.2 S/P:2.4172
 Photosynthetic:PPF:15.152umol/m2/s PAR WATT:3308.3mW/m2(400-700nm)

Electrical parameters:

V = 23.998 V I = 0.3639 A P = 8.733 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 139 ms Ip = 29733 (45%)

Model:6000K
 Tester:
 Temperature:26DegDeg
 Manufacturer:Unitop

Number:117
 Date:2019-09-10
 Humidity:65%
 Remarks:2.9-3.0V