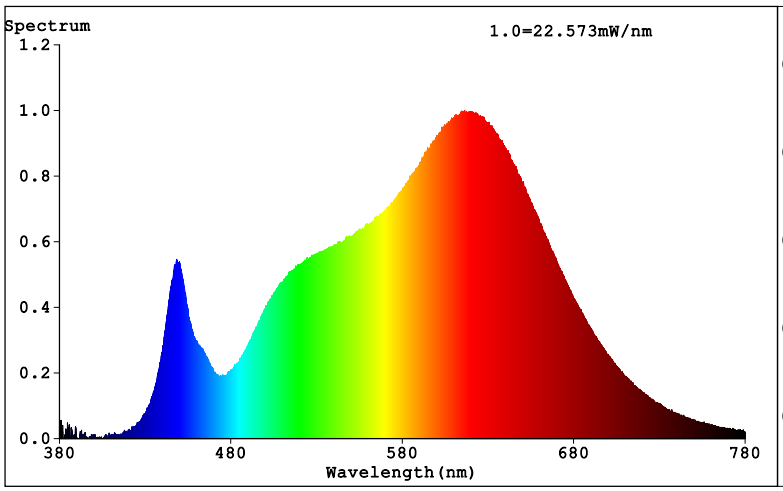
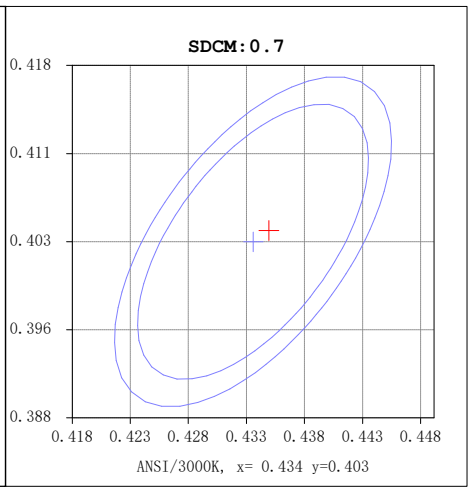
Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4353 y=0.4043/u'=0.2494 v'=0.5212

CCT=3030K(Duv=0.0003) Dominant WL:Ld =582.6nm Purity=52.0%

Ratio:R=24.4% G=72.8% B=2.8% Peak WL:Lp=616.4nm FWHM=160.8nm

Render Index:Ra=93.8

R1 =94 R2 =97 R3 =98 R4 =96 R5 =95 R6 =97 R7 =93

R8 =82 R9 =59 R10=92 R11=97 R12=85 R13=95 R14=98 R15=89

Photo Parameters:

Flux = 1011 lm Eff. : 66.89 lm/W Fe = 3.391 W

Electrical parameters:

V = 231.56 V I = 0.06730 A P = 15.12 W PF = 0.9701

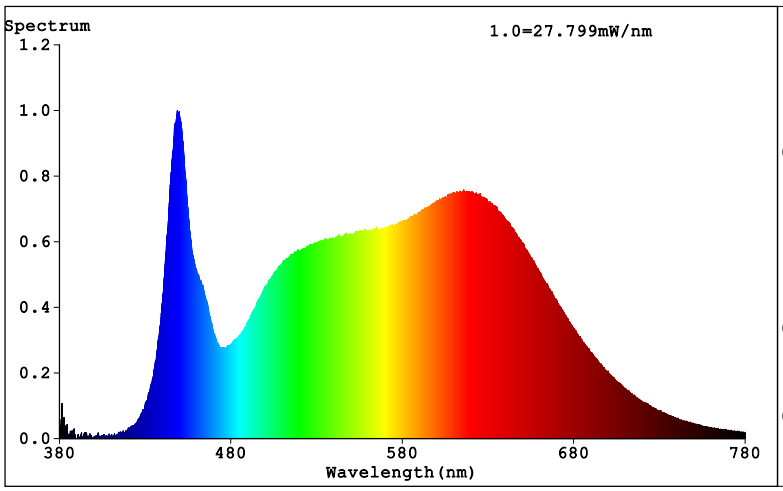
LEVEL:OUT WHITE:ANSI_3000K

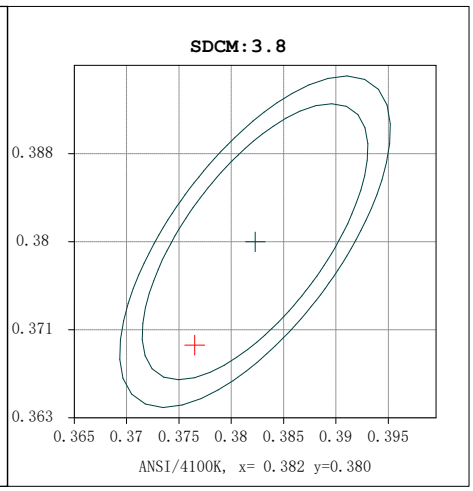
Status: Integral T = 459 ms Ip = 37304 (57%)

GBT5702

Model:PD1562-GDTC15C02-3000K No.1
Tester: Date:2025-08-07
Temperature:25.3Deg Humidity:65.0%
Manufacturer: Remark:TBG-1510E 220-240V

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3760 y=0.3698/u'=0.2250 v'=0.4978

CCT=4073K(Duv=-0.0020) Dominant WL:Ld =580.0nm Purity=23.8%

Ratio:R=20.1% G=75.7% B=4.2% Peak WL:Lp=448.9nm FWHM=19.7nm

Render Index:Ra=94.9

R1 =96 R2 =97 R3 =95 R4 =96 R5 =96 R6 =94 R7 =95

R8 =90 R9 =74 R10=91 R11=95 R12=76 R13=97 R14=97 R15=95

Photo Parameters:

Flux = 1261 lm Eff. : 80.89 lm/W Fe = 4.302 W

Electrical parameters:

V = 231.56 V I = 0.06958 A P = 15.58 W PF = 0.9673

LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 459 ms Ip = 35668 (54%)

GBT5702

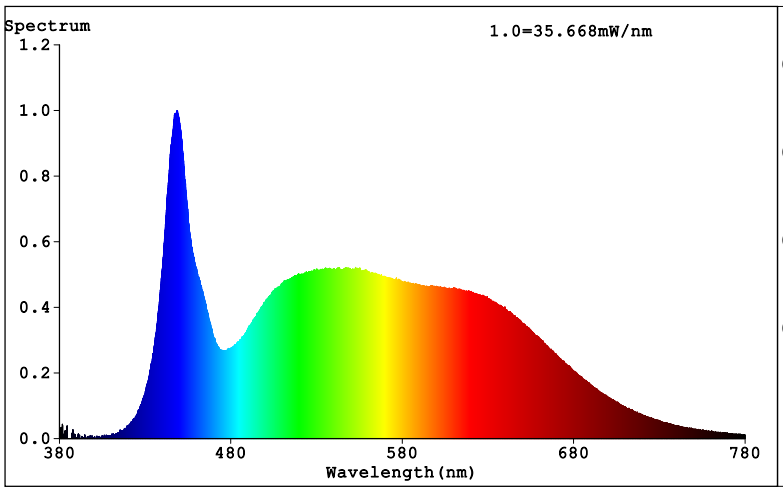
Model:PD1562-GDTC15C02-4000K No.2

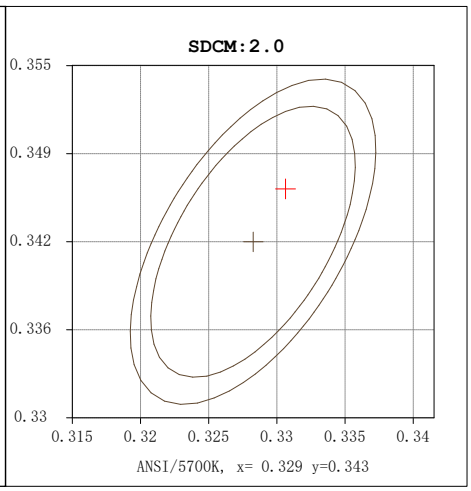
Tester: Date:2025-08-07

Temperature:25.3Deg Humidity:65.0%

Manufacturer: Remark:TBG-1510E 220-240V

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3311 y=0.3464/u'=0.2039 v'=0.4800

CCT=5550K(Duv=0.0033) Dominant WL:Ld =545.0nm Purity=3.3%

Ratio:R=15.9% G=78.8% B=5.3% Peak WL:Lp=448.8nm FWHM=21.2nm

Render Index:Ra=91.2

R1 =91 R2 =92 R3 =92 R4 =92 R5 =91 R6 =89 R7 =94

R8 =88 R9 =63 R10=81 R11=92 R12=71 R13=91 R14=95 R15=90

Photo Parameters:

Flux = 1115 lm Eff. : 74.95 lm/W Fe = 3.833 W

Electrical parameters:

V = 231.57 V I = 0.06623 A P = 14.88 W PF = 0.9702

LEVEL:OUT WHITE:ANSI_5700K

Status: Integral T = 459 ms Ip = 33647 (51%)

GBT5702

Model:PD1562-GDTC15C02-5700K No.3

Tester: Date:2025-08-07

Temperature:25.3Deg Humidity:65.0%

Manufacturer: Remark:TBG-1510E 220-240V