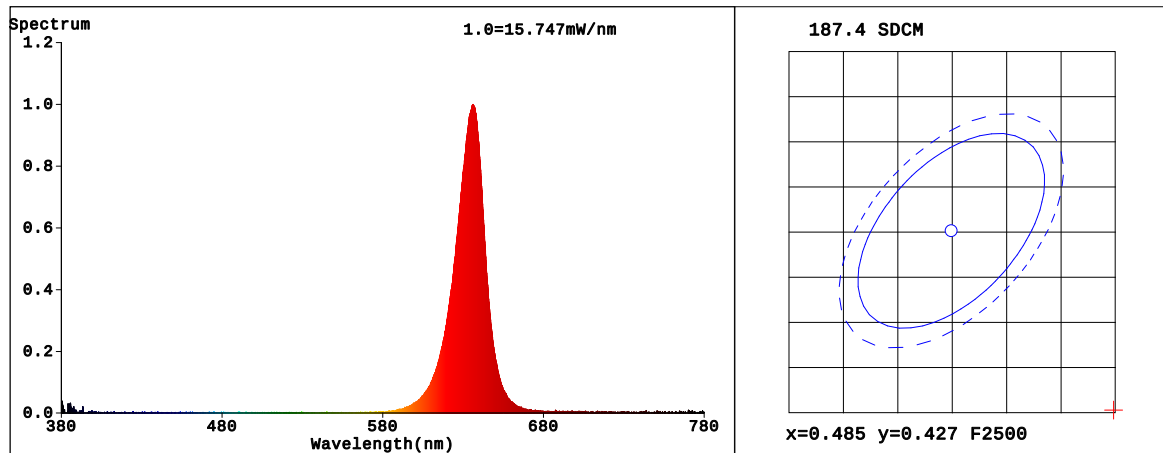


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6976$ $y=0.2992$ $u'=0.5372$ $v'=0.5183$

CCT=1001K(Duv=-0.0897) Dominant WL:Ld =625.3nm Purity=99.0%

Ratio:R=96.1% G=3.8% B=0.1% Peak WL:Lp=636.1nm FWHM=19.3nm

Render Index:Ra=22.3

R1 =14 R2 =82 R3 =35 R4 =-14 R5 =13 R6 =94 R7 =12

R8 =-57 R9 =-202 R10=79 R11=2 R12=74 R13=37 R14=62 R15=-24

Photo Parameters:

Flux = 61.81 lm Eff. : 13.51 lm/W Fe = 367.8 mW

Photosynthetic:PPF:1.9239 μ mol/m²/s PAR WATT:364.04mW/m²(400-700nm)

Electrical parameters:

V = 48.000 V I = 0.09530 A P = 4.574 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 1200 ms Ip = 42315 (65%)

Model:LNTS8RGBW96VE2-M1-D48-1616DN-0.75M:1

Tester:

Date:2025-09-15

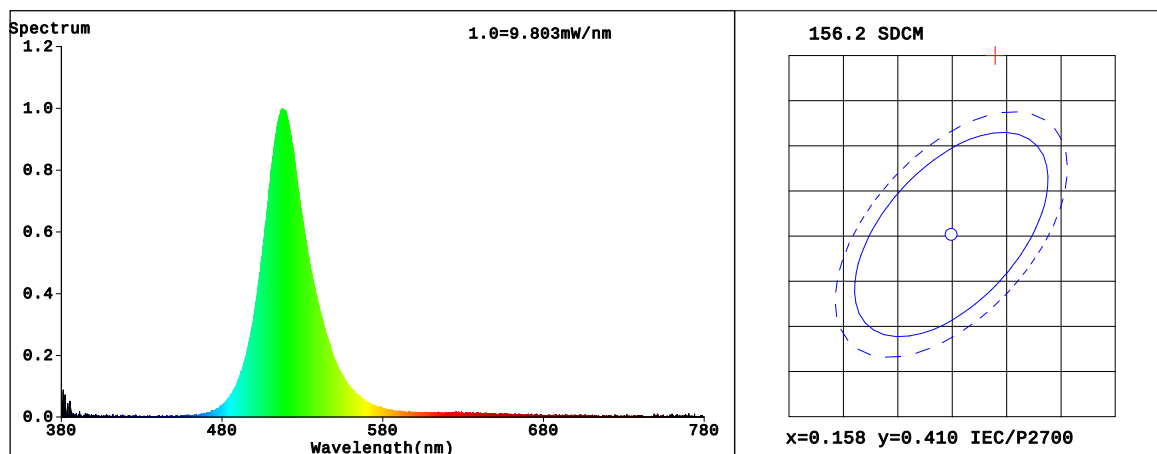
Temperature:25.3Deg

Humidity:65.0%

Manufacturer:

Remarks:0.75M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1621$ $y=0.7134$ $u'=0.0577$ $v'=0.5714$

CCT=8017K(Duv=0.1583) Dominant WL:Ld =524.6nm Purity=76.9%

Ratio:R=0.9% G=96.5% B=2.6% Peak WL:Lp=517.5nm FWHM=30.2nm

Render Index:Ra=-20.9

R1 = -29 R2 = -6 R3 = -21 R4 = -59 R5 = -5 R6 = -15 R7 = -5

R8 = -26 R9 = -322 R10 = -102 R11 = -87 R12 = -29 R13 = -36 R14 = 40 R15 = -27

Photo Parameters:

Flux = 167.9 lm Eff. : 33.32 lm/W Fe = 368.3 mW

Photosynthetic:PPF:1.6021 μ mol/m²/s PAR WATT:365.36mW/m²(400-700nm)

Electrical parameters:

V = 48.000 V I = 0.1050 A P = 5.040 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 2077 ms Ip = 54328 (83%)

Model:LNTS8RGBW96VE2-M1-D48-1616D-0.75M:2

Tester:

Temperature:25.3Deg

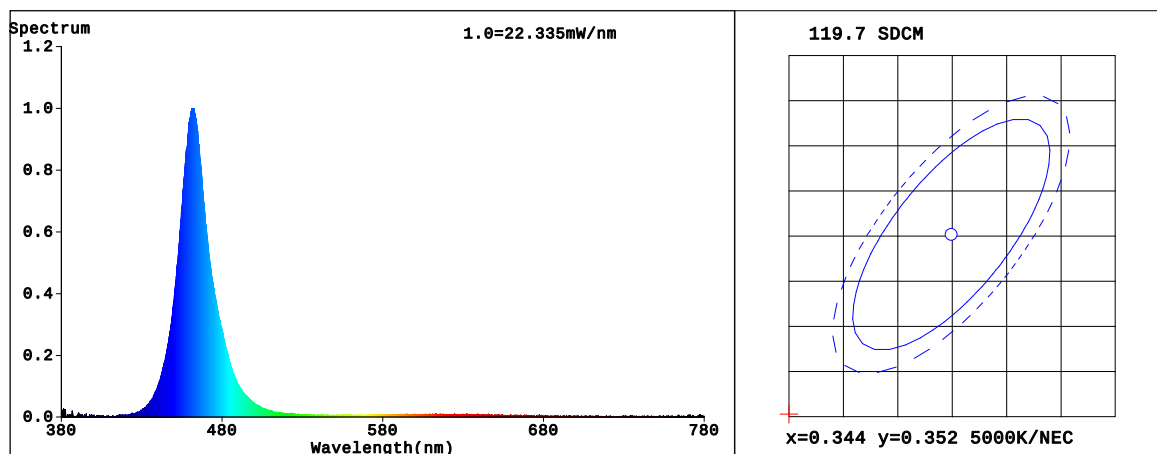
Manufacturer:

Date:2025-09-15

Humidity:65.0%

Remarks:0.75M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1458$ $y=0.0618$ $u'=0.1690$ $v'=0.1613$

CCT=100000K(Duv=0.1589) Dominant WL:Ld =466.2nm Purity=93.6%

Ratio:R=4.7% G=23.6% B=71.7% Peak WL:Lp=461.3nm FWHM=20.4nm

Render Index:Ra=-30.4

R1 =43 R2 =-27 R3 =-143 R4 =-66 R5 =47 R6 =-28 R7 =-45

R8 =-24 R9 =-88 R10=-213 R11=-84 R12=-70 R13=16 R14=-28 R15=41

Photo Parameters:

Flux = 42.29 lm Eff. : 9.26 lm/W Fe = 593.5 mW

Photosynthetic:PPF:2.3126umol/m2/s PAR WATT:589.66mW/m2(400-700nm)

Electrical parameters:

V = 48.000 V I = 0.09510 A P = 4.565 W PF = 1.000

LEVEL:OUT

WHITE:OUT

Status: Integral T = 720 ms Ip = 35295 (54%)

Model:LNTS8RGBW96VE2-M1-D48-1616DN-0.75M:3

Tester:

Date:2025-09-15

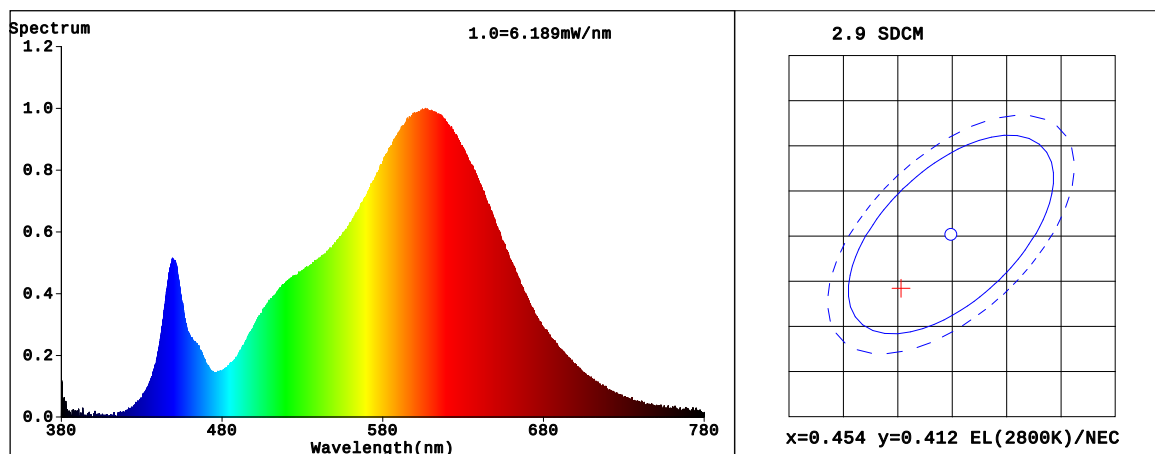
Temperature:25.3Deg

Humidity:65.0%

Manufacturer:

Remarks:0.75M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4494$ $y=0.4060$ $u'=0.2578$ $v'=0.5240$

CCT=2817K(Duv=-0.0007) Dominant WL:Ld =583.9nm Purity=56.8%

Ratio:R=24.5% G=73.3% B=2.3% Peak WL:Lp=606.6nm FWHM=123.5nm

Render Index:Ra=84.2

R1 =83 R2 =92 R3 =97 R4 =83 R5 =83 R6 =91 R7 =83

R8 =61 R9 =14 R10=82 R11=84 R12=76 R13=85 R14=99 R15=75

Photo Parameters:

Flux = 289.6 lm Eff. : 59.73 lm/W Fe = 898.1 mW

Photosynthetic:PPF:4.2107umol/m2/s PAR WATT:866.73mW/m2(400-700nm)

Electrical parameters:

V = 48.000 V I = 0.1010 A P = 4.848 W PF = 1.000

LEVEL:OUT

WHITE:ANSI_2700K

Status: Integral T = 3368 ms Ip = 53908 (82%)

Model:LNTS8RGBW96VE2-M1-D48-1616D-0.75M

Tester:

Date:2025-09-15

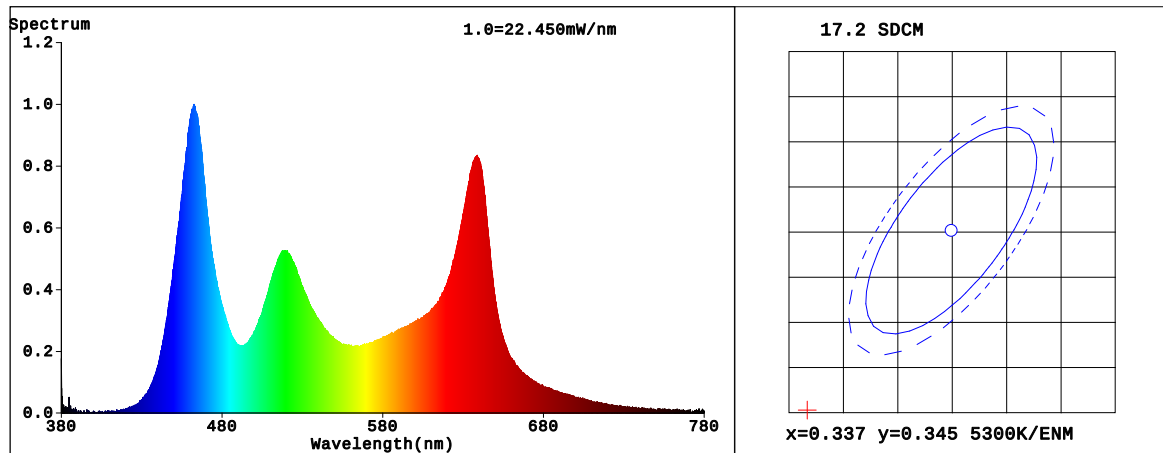
Temperature:25.3Deg

Humidity:65.0%

Manufacturer:

Remarks:0.75M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3237$ $y=0.3063$ $u'=0.2148$ $v'=0.4573$

CCT=6006K(Duv=-0.0147) Dominant WL:Ld =380.0nm Purity=7.9%

Ratio:R=22.7% G=69.6% B=7.7% Peak WL:Lp=462.4nm FWHM=23.9nm

Render Index:Ra=63.5

R1 =50 R2 =70 R3 =91 R4 =58 R5 =56 R6 =63 R7 =80

R8 =38 R9 =-69 R10=37 R11=46 R12=56 R13=53 R14=92 R15=42

Photo Parameters:

Flux = 537.5 lm Eff. : 27.79 lm/W Fe = 2.136 W

Photosynthetic:PPF:9.65umol/m2/s PAR WATT:2099.3mW/m2(400-700nm)

Electrical parameters:

V = 48.000 V I = 0.4030 A P = 19.34 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 720 ms Ip = 35482 (54%)

Model:LNTS8RGBW96VE2-M1-D48-1616D-0.75M-5

Tester:

Temperature:25.3Deg

Manufacturer:

Date:2025-09-15

Humidity:65.0%

Remarks:0.75M