

## Luminária LED Estanque 40W-23W - DRIVER TRIDONIC - CCT - 120CM



### As especificações técnicas:

Potência nominal : 40W

Tensão Nominal: 170 - 265V

Temperatura Luz: 3000K - 4000K - 5700K

CRI - Índice de Reprodução Cromática:: 80

Materiais de Construção: ABS + Makrolon® 2807 Luminosity-  
Lm: 5600

Número e tipo de LEDs: SMD 2835

Ângulo de Abertura (°): 130°

Diodo LED Eficiência (Lm / W): 150Lm/W

Eficiência luminosa (Lm/W): 140 Lm/W

Certificados: CE - RoHS - EMC - UL

Grau IP : IP65-Exterior

Vida Estimado Diodo (H): 100.000

Medidas (mm): L:1200 W:70 H:70 mm

Factor de Potência (PF): 0,95

Frequência de Trabalho (Hz): 50/60Hz

Faixa de Temperatura (°C): +40°C ~ -20°C

Ciclos de Acesos:

Tempo de arranque (s): 0,2s

Informação Adicional: CertaDrive Linear Isolated LED Drivers

Proteção (IK): IK10

Classe Energética (2021-UE-2019/2015): A+

Garantia Anos: 5

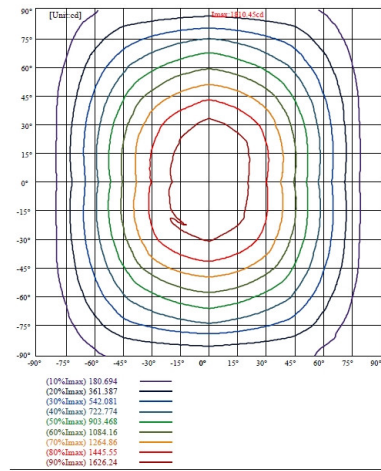
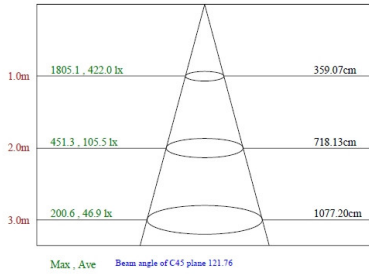
# Ficha Técnica

TP24B-4140W CCT 220-240V  
ISO-Intensity(V-H)

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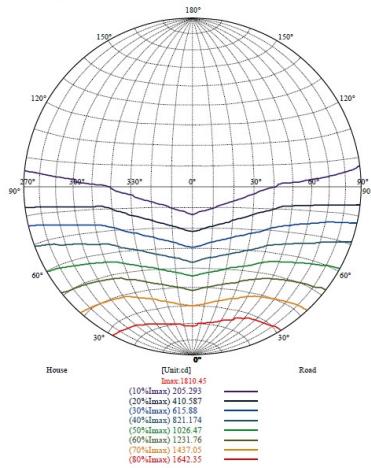
TP24B-4140W CCT 220-240V  
Lux distance Curve

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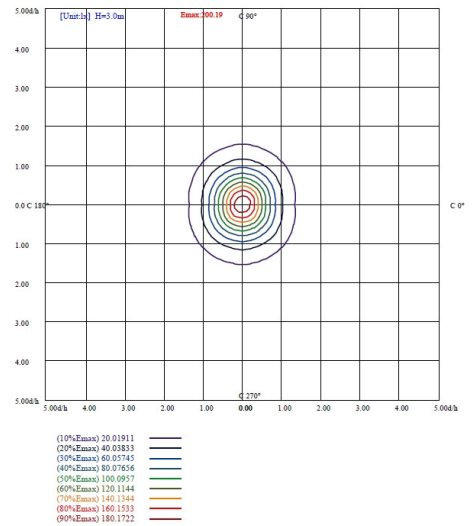
TP24B-4140W CCT 220-240V  
ISO candela diagram on circular web

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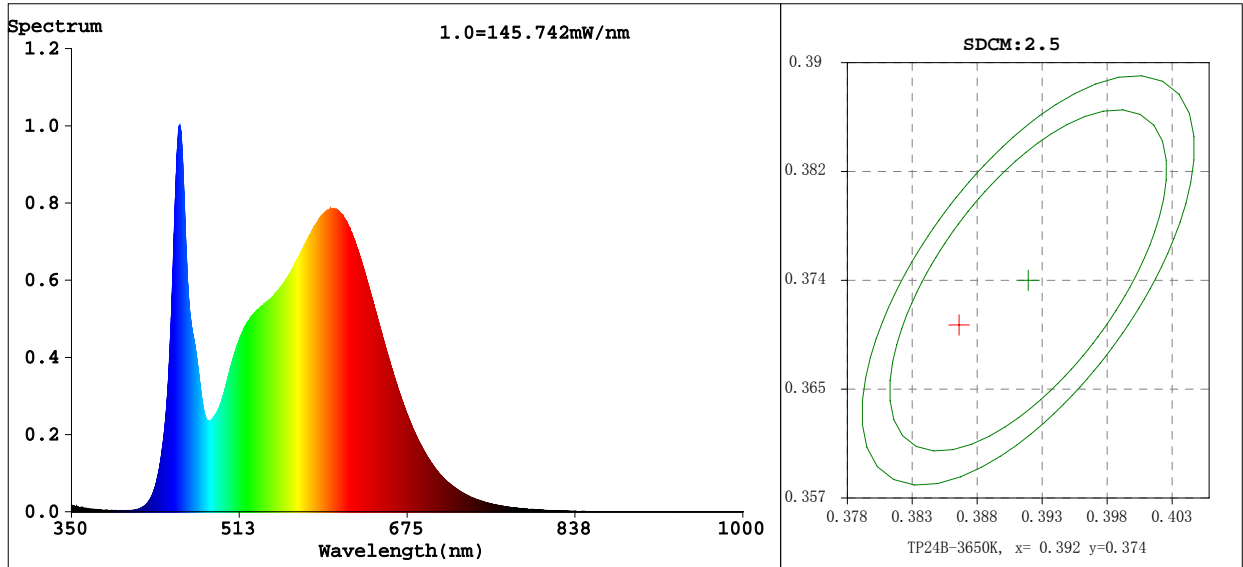


TP24B-4140W CCT 220-240V  
ISO illuminance diagram

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**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3868$   $y=0.3702$   $u'=0.2320$   $v'=0.4996$   
 CCT=3777K(Duv=-0.0049) Dominant WL:Ld =582.7nm WL:Lc = --nm Purity=27.2%  
 Ratio:R=20.3% G=75.8% B=3.9% Peak WL:Lp=454.9nm FWHM=18.7nm  
 Render Index:Ra=88.1 AvgR=83.6 Lav=575.1nm

R1 =89    R2 =95    R3 =96    R4 =86    R5 =88    R6 =91    R7 =86  
 R8 =72    R9 =34    R10=88    R11=86    R12=67    R13=91    R14=99    R15=85

**Photo Parameters:**

Flux = 6331 lm    Eff. : 156.00 lm/W    Fe = 20.15 W

**Electrical parameters:**

V = 229.97 V    I = 0.1838 A    P = 40.58 W PF = 0.9604  
 Kdisp(IEC) = 0.9642

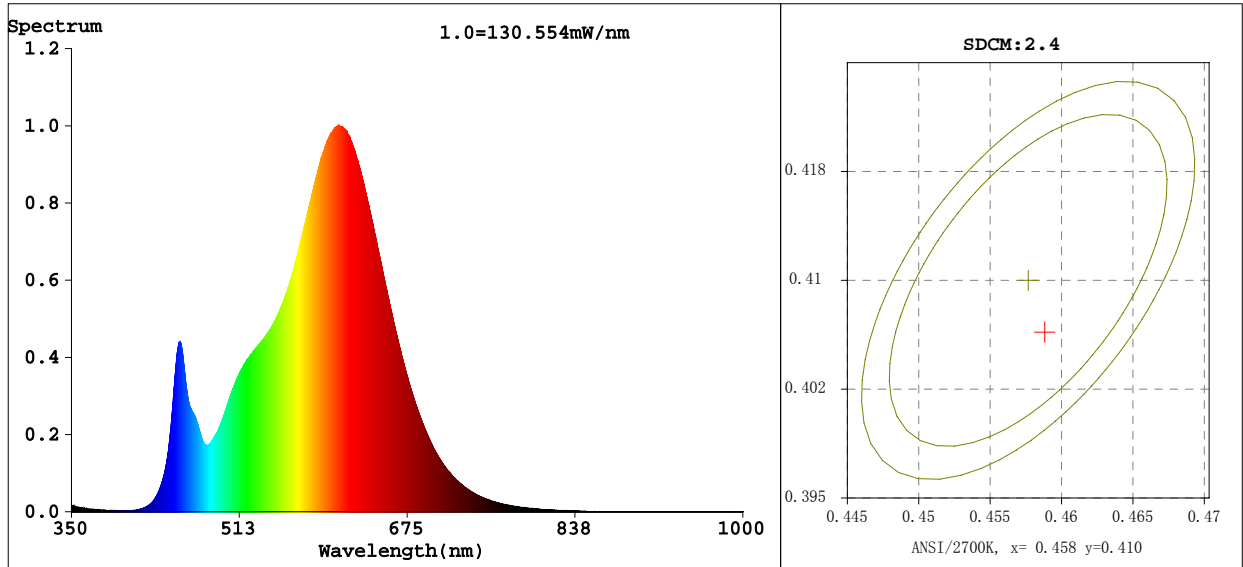
Status: Integral T = 135 ms    Ip = 45101 (69%)

**GBT5702**

Model:1.257  
 Tester:  
 Temperature:24.9Deg  
 Manufacturer:

Number:1  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.4590$   $y=0.4065/u'=0.2638$   $v'=0.5256$   
 CCT=2680K(Duv=-0.0015) Dominant WL:Ld =584.8nm WL:Lc = --nm Purity=59.8%  
 Ratio:R=25.8% G=71.8% B=2.4% Peak WL:Lp=609.1nm FWHM=113.2nm  
 Render Index:Ra=84.6 AvgR=80.4 Lav=597.4nm

R1 =85 R2 =95 R3 =93 R4 =83 R5 =85 R6 =95 R7 =81  
 R8 =60 R9 =17 R10=88 R11=83 R12=79 R13=87 R14=97 R15=77

Photo Parameters:

Flux = 5832 lm Eff. : 140.48 lm/W Fe = 18.43 W

Electrical parameters:

V = 229.96 V I = 0.1877 A P = 41.51 W PF = 0.9616  
 Kdisp(IEC) = 0.9656

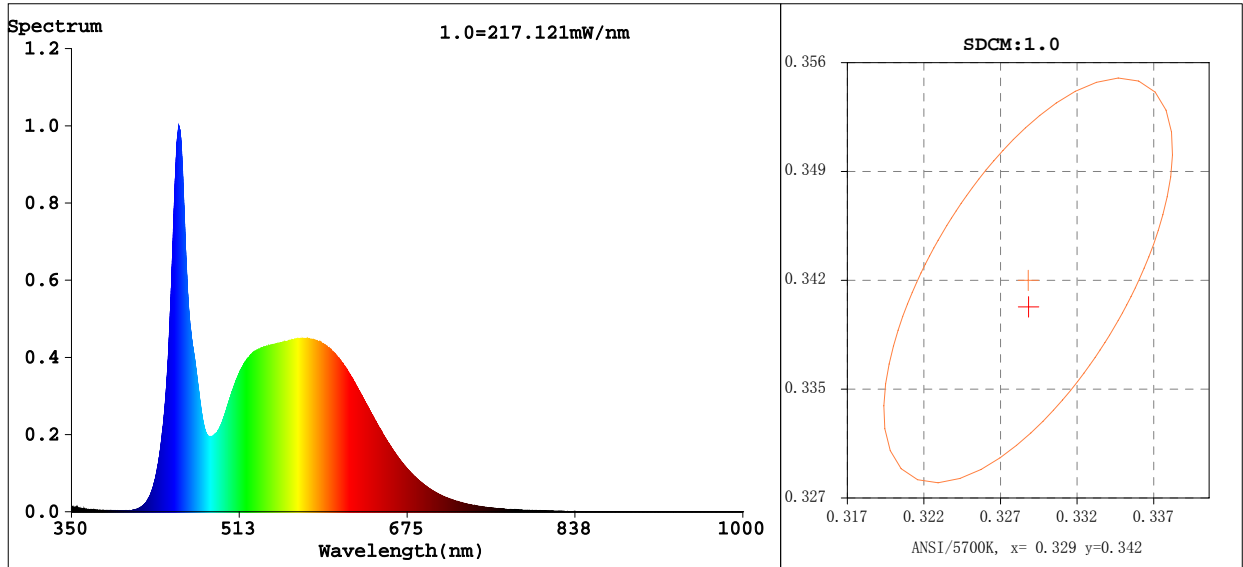
Status: Integral T = 135 ms Ip = 49036 (75%)

GBT5702

Model:1.257  
 Tester:  
 Temperature:24.9Deg  
 Manufacturer:

Number:2  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3287$   $y=0.3400$   $u'=0.2047$   $v'=0.4764$   
 CCT=5660K(Duv=0.0011) Dominant WL:Ld =512.1nm WL:Lc = --nm Purity=1.5%  
 Ratio:R=14.9% G=80.0% B=5.1% Peak WL:Lp=453.9nm FWHM=18.8nm  
 Render Index:Ra=84.7 AvgR=78.1 Lav=547.9nm

R1 =84 R2 =90 R3 =92 R4 =84 R5 =83 R6 =84 R7 =88  
 R8 =72 R9 =19 R10=75 R11=82 R12=57 R13=86 R14=96 R15=80

**Photo Parameters:**

Flux = 6340 lm Eff. : 153.19 lm/W Fe = 20.32 W

**Electrical parameters:**

V = 229.98 V I = 0.1872 A P = 41.39 W PF = 0.9615  
 Kdisp(IEC) = 0.9654

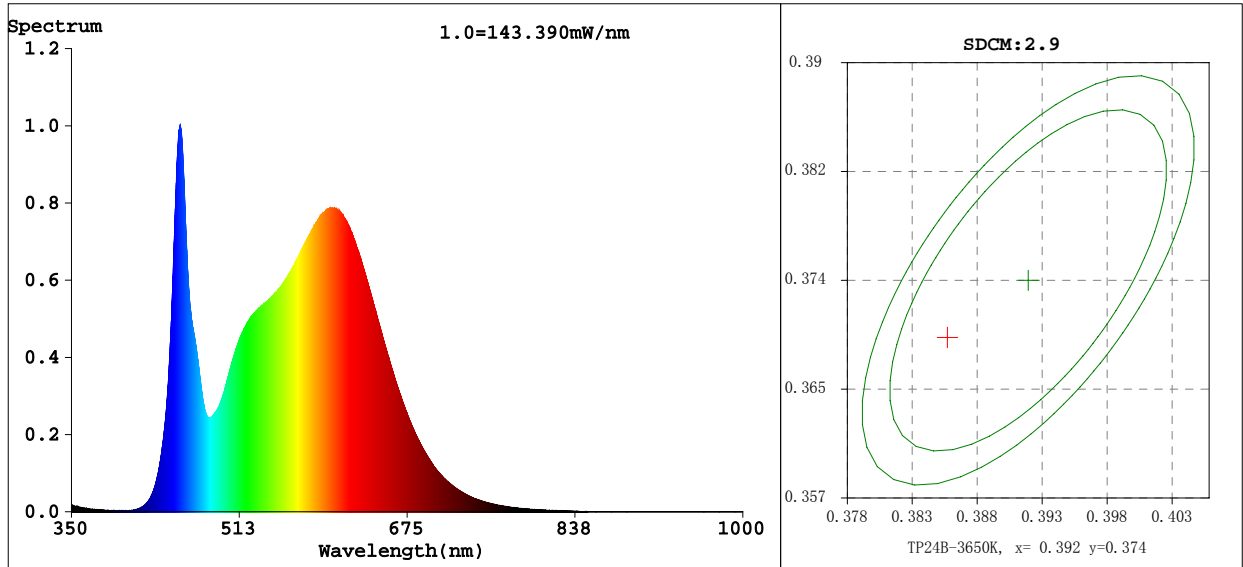
Status: Integral T = 67 ms Ip = 33081 (50%)

**GBT5702**

Model:1.257  
 Tester:  
 Temperature:24.9Deg  
 Manufacturer:

Number:3  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.3859$   $y=0.3692/u'=0.2318$   $v'=0.4990$   
 CCT=3792K(Duv=-0.0051) Dominant WL:Ld =582.8nm WL:Lc = --nm Purity=26.6%  
 Ratio:R=20.3% G=75.8% B=3.9% Peak WL:Lp=455.2nm FWHM=19.5nm  
 Render Index:Ra=88.1 AvgR=83.7 Lav=574.8nm

R1 =89 R2 =96 R3 =96 R4 =86 R5 =88 R6 =92 R7 =86  
 R8 =72 R9 =34 R10=88 R11=86 R12=68 R13=92 R14=99 R15=85

Photo Parameters:

Flux = 6252 lm Eff. : 155.90 lm/W Fe = 19.95 W

Electrical parameters:

V = 229.98 V I = 0.1817 A P = 40.10 W PF = 0.9596  
 Kdisp(IEC) = 0.9637

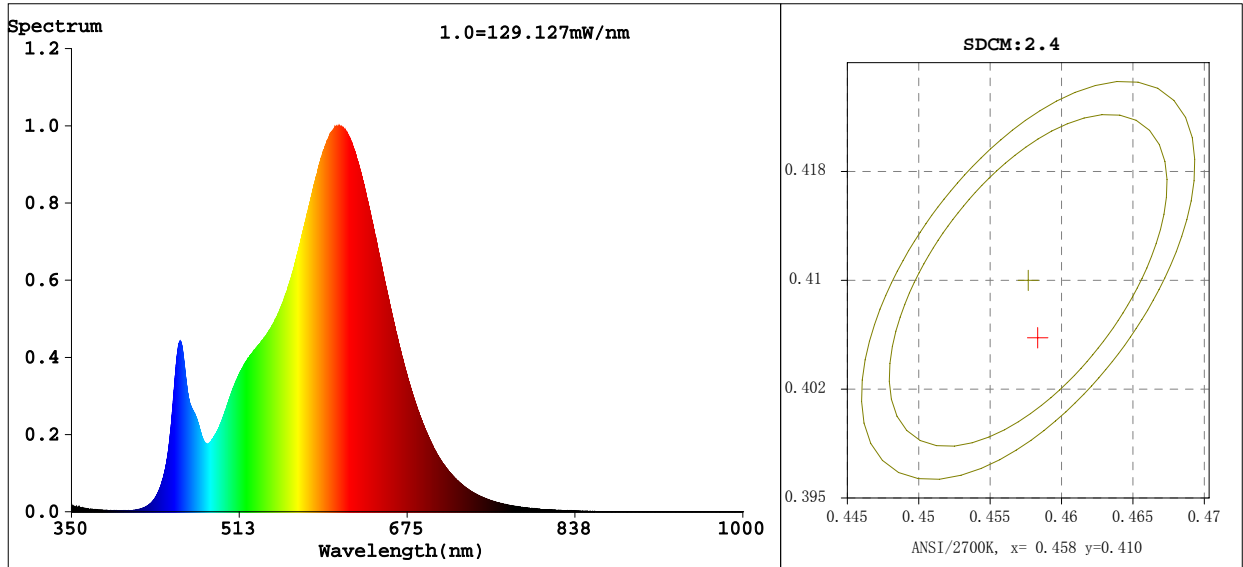
Status: Integral T = 156 ms Ip = 51282 (78%)

GBT5702

Model:1.257  
 Tester:  
 Temperature:24.9Deg  
 Manufacturer:

Number:4  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4585$   $y=0.4061/u'=0.2636$   $v'=0.5254$   
 CCT=2684K(Duv=-0.0016) Dominant WL:Ld =584.8nm WL:Lc = --nm Purity=59.5%  
 Ratio:R=25.8% G=71.8% B=2.4% Peak WL:Lp=609.1nm FWHM=113.3nm  
 Render Index:Ra=84.5 AvgR=80.3 Lav=597.3nm

R1 =85 R2 =95 R3 =93 R4 =82 R5 =85 R6 =95 R7 =81  
 R8 =60 R9 =16 R10=89 R11=83 R12=79 R13=87 R14=97 R15=77

**Photo Parameters:**

Flux = 5773 lm Eff. : 140.32 lm/W Fe = 18.26 W

**Electrical parameters:**

V = 229.98 V I = 0.1861 A P = 41.15 W PF = 0.9612  
 Kdisp(IEC) = 0.9652

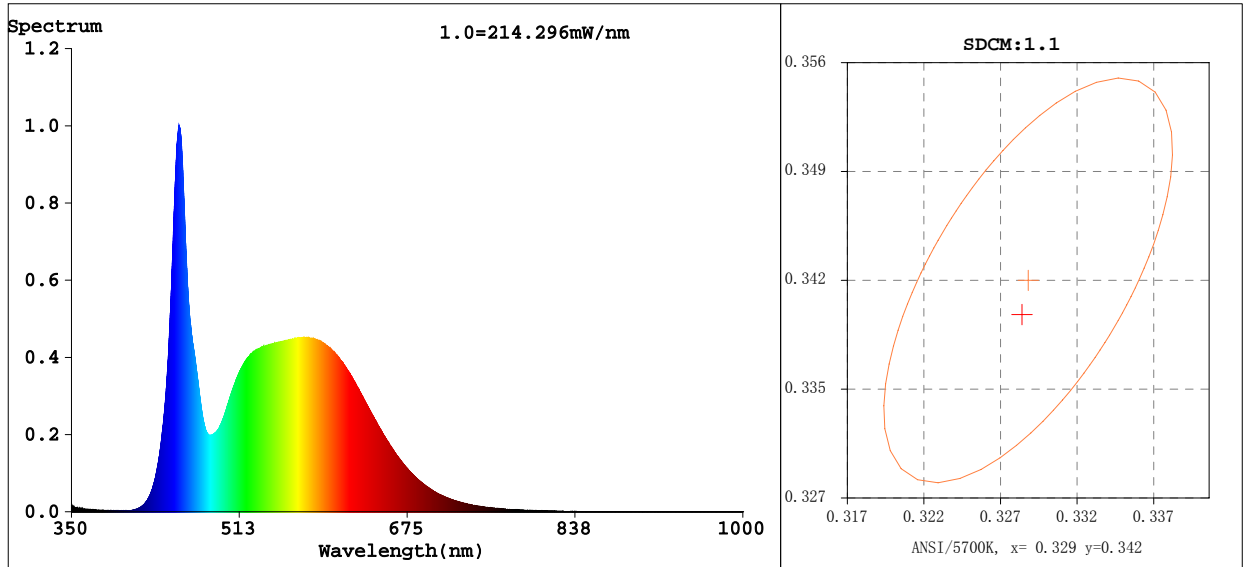
Status: Integral T = 156 ms Ip = 56150 (86%)

**GBT5702**

Model:1.257  
 Tester:  
 Temperature:24.9Deg  
 Manufacturer:

Number:5  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.3283$   $y=0.3395$   $u'=0.2046$   $v'=0.4761$   
 CCT=5685K(Duv=0.0011) Dominant WL:Ld =508.7nm WL:Lc = --nm Purity=1.6%  
 Ratio:R=14.9% G=79.9% B=5.2% Peak WL:Lp=454.2nm FWHM=19.1nm  
 Render Index:Ra=84.8 AvgR=78.3 Lav=547.7nm

R1 =84 R2 =90 R3 =92 R4 =84 R5 =84 R6 =85 R7 =88  
 R8 =72 R9 =20 R10=75 R11=82 R12=57 R13=86 R14=96 R15=80

Photo Parameters:

Flux = 6295 lm Eff. : 153.12 lm/W Fe = 20.21 W

Electrical parameters:

V = 229.95 V I = 0.1860 A P = 41.11 W PF = 0.9612  
 Kdisp(IEC) = 0.9652

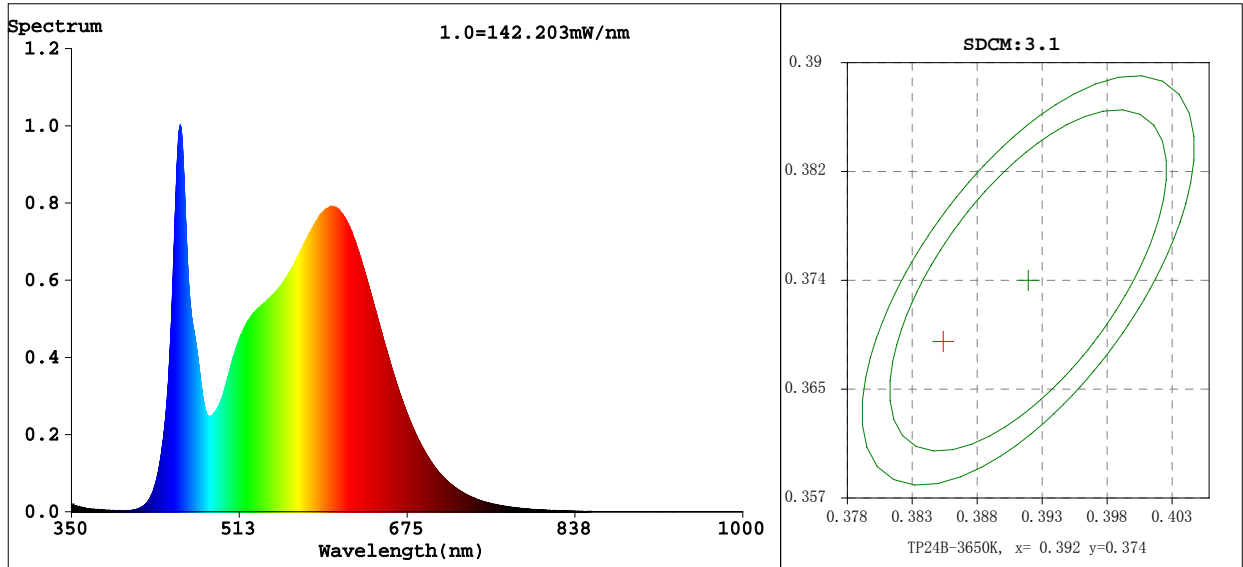
Status: Integral T = 78 ms Ip = 38141 (58%)

GBT5702

Model:1.257  
 Tester:  
 Temperature:25.0Deg  
 Manufacturer:

Number:6  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:x=0.3856 y=0.3689/u'=0.2317 v'=0.4988  
 CCT=3798K(Duv=-0.0052) Dominant WL:Ld =582.9nm WL:Lc = --nm Purity=26.4%  
 Ratio:R=20.3% G=75.8% B=4.0% Peak WL:Lp=455.3nm FWHM=19.8nm  
 Render Index:Ra=88.1 AvgR=83.8 Lav=574.7nm

R1 =89 R2 =96 R3 =96 R4 =86 R5 =88 R6 =92 R7 =86  
 R8 =72 R9 =35 R10=89 R11=86 R12=68 R13=92 R14=99 R15=85

**Photo Parameters:**

Flux = 6220 lm Eff. : 155.95 lm/W Fe = 19.87 W

**Electrical parameters:**

V = 229.96 V I = 0.1808 A P = 39.89 W PF = 0.9593  
 Kdisp(IEC) = 0.9635

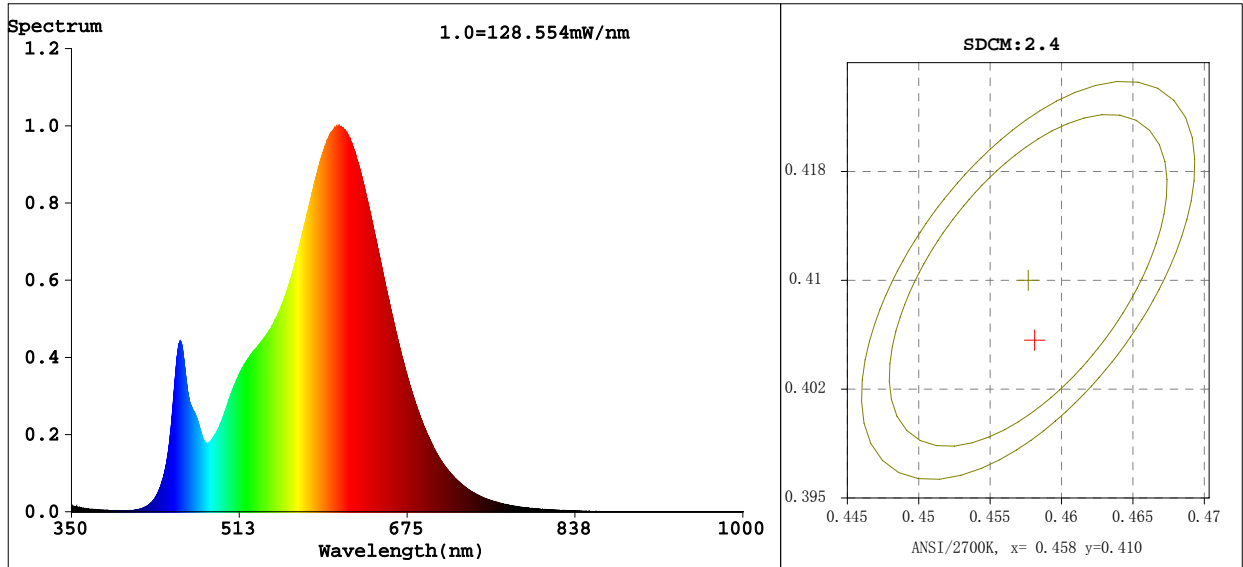
Status: Integral T = 157 ms Ip = 51236 (78%)

**GBT5702**

Model:1.257  
 Tester:  
 Temperature:25.0Deg  
 Manufacturer:

Number:7  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4582$   $y=0.4059$  /  $u'=0.2636$   $v'=0.5253$   
 CCT=2686K(Duv=-0.0016) Dominant WL:Ld =584.8nm WL:Lc = --nm Purity=59.4%  
 Ratio:R=25.8% G=71.8% B=2.5% Peak WL:Lp=609.1nm FWHM=113.4nm  
 Render Index:Ra=84.5 AvgR=80.3 Lav=597.2nm

R1 =84    R2 =95    R3 =93    R4 =82    R5 =85    R6 =95    R7 =81  
 R8 =60    R9 =16    R10=89    R11=83    R12=79    R13=87    R14=97    R15=76

**Photo Parameters:**

Flux = 5748 lm    Eff. : 140.35 lm/W    Fe = 18.18 W

**Electrical parameters:**

V = 229.95 V    I = 0.1853 A    P = 40.95 W PF = 0.9611  
 Kdisp(IEC) = 0.9652

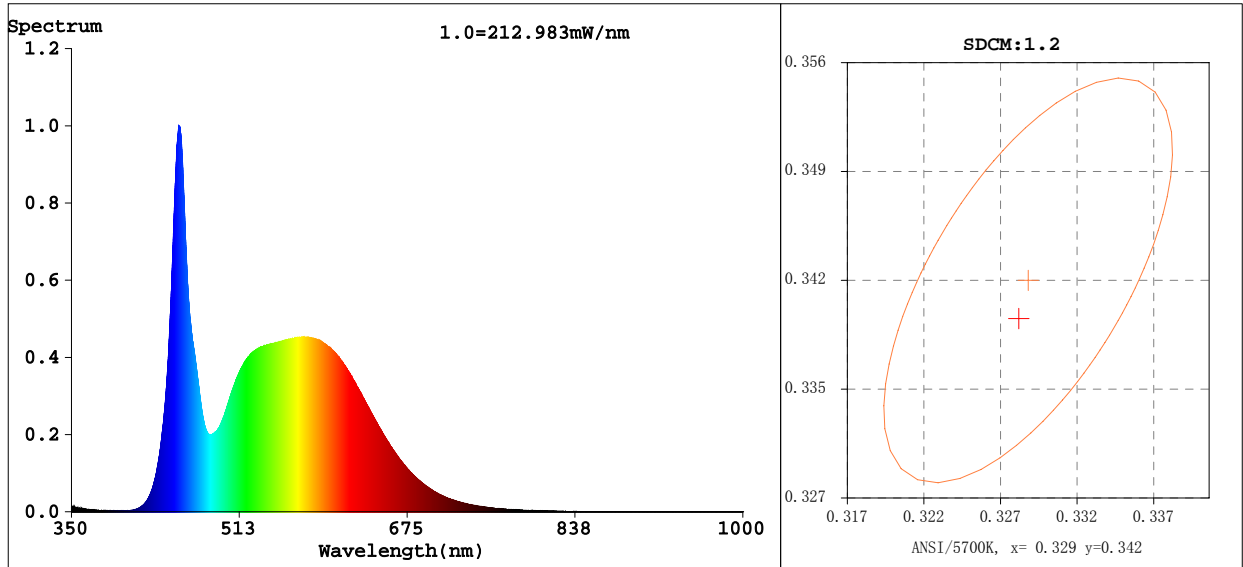
Status: Integral T = 157 ms    Ip = 56244 (86%)

**GBT5702**

Model:1.257  
 Tester:  
 Temperature:25.0Deg  
 Manufacturer:

Number:8  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.3281$   $y=0.3392$   $u'=0.2046$   $v'=0.4759$   
 CCT=5693K(Duv=0.0010) Dominant WL:Ld =507.2nm WL:Lc = --nm Purity=1.6%  
 Ratio:R=14.9% G=79.9% B=5.2% Peak WL:Lp=453.9nm FWHM=19.3nm  
 Render Index:Ra=84.9 AvgR=78.4 Lav=547.6nm

R1 =84 R2 =90 R3 =92 R4 =84 R5 =84 R6 =85 R7 =88  
 R8 =72 R9 =20 R10=75 R11=82 R12=57 R13=86 R14=96 R15=81

Photo Parameters:

Flux = 6271 lm Eff. : 153.15 lm/W Fe = 20.15 W

Electrical parameters:

V = 229.98 V I = 0.1852 A P = 40.94 W PF = 0.9612  
 Kdisp(IEC) = 0.9652

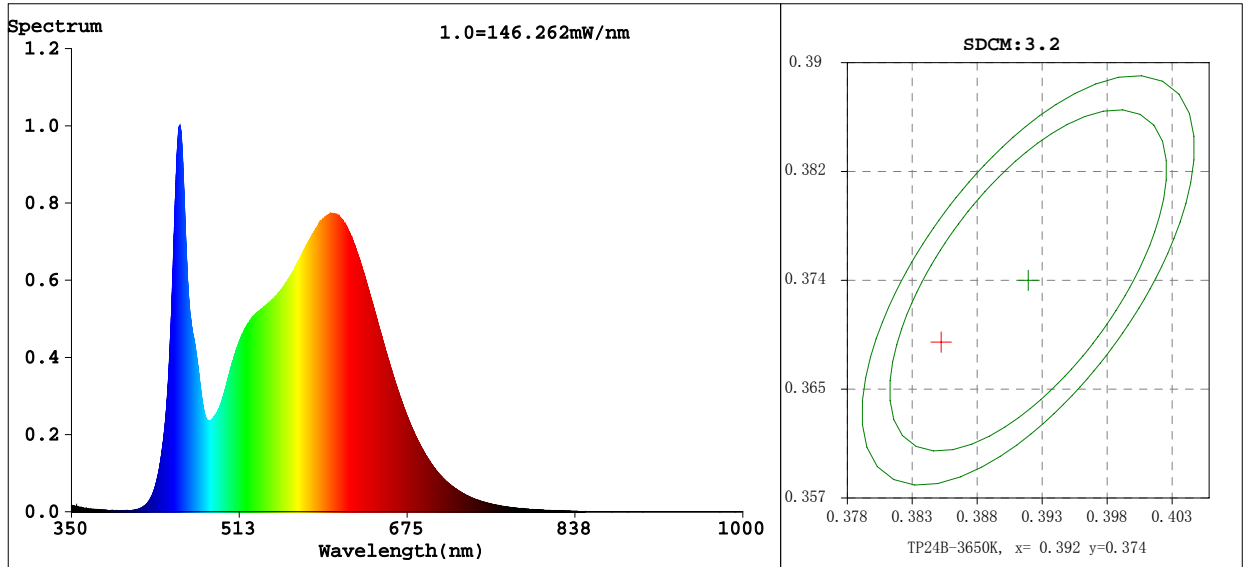
Status: Integral T = 78 ms Ip = 37966 (58%)

GBT5702

Model:1.257  
 Tester:  
 Temperature:25.1Deg  
 Manufacturer:

Number:9  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3854$   $y=0.3688/u'=0.2316$   $v'=0.4988$   
 CCT=3802K(Duv=-0.0051) Dominant WL:Ld =582.8nm WL:Lc = --nm Purity=26.3%  
 Ratio:R=20.3% G=75.8% B=3.9% Peak WL:Lp=455.0nm FWHM=18.8nm  
 Render Index:Ra=88.2 AvgR=83.8 Lav=574.6nm

R1 =89 R2 =96 R3 =96 R4 =86 R5 =88 R6 =91 R7 =87  
 R8 =72 R9 =35 R10=88 R11=86 R12=67 R13=92 R14=99 R15=85

**Photo Parameters:**

Flux = 6266 lm Eff. : 155.65 lm/W Fe = 19.98 W

**Electrical parameters:**

V = 229.95 V I = 0.1825 A P = 40.26 W PF = 0.9593  
 Kdisp(IEC) = 0.9636

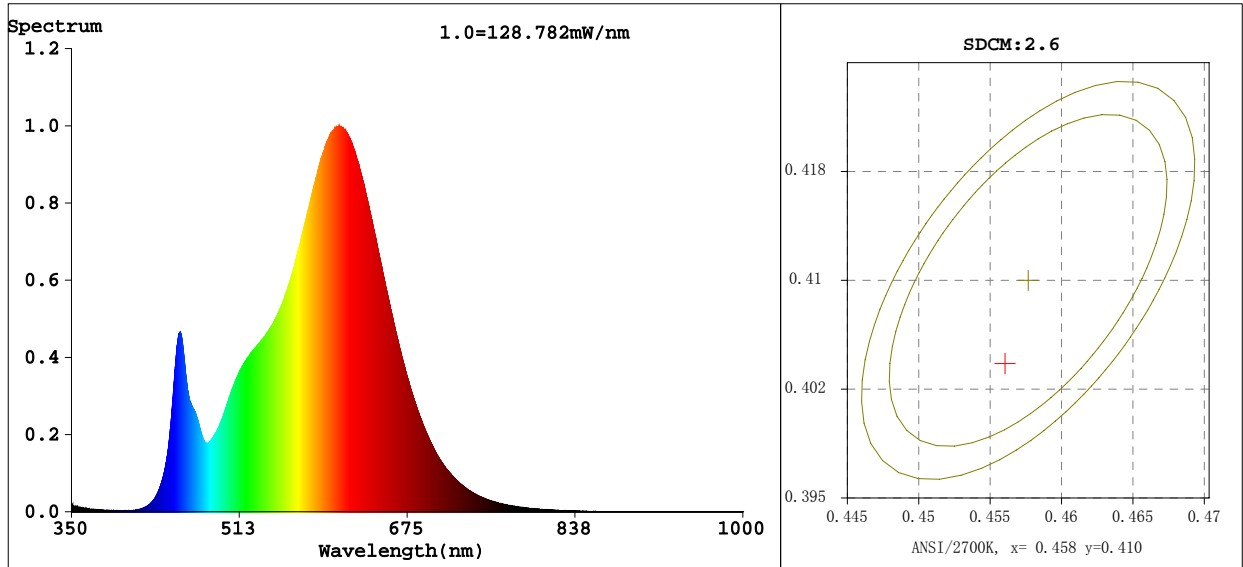
Status: Integral T = 152 ms Ip = 50959 (78%)

**GBT5702**

Model:1.257  
 Tester:  
 Temperature:25.0Deg  
 Manufacturer:

Number:10  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4562$   $y=0.4043$   $u'=0.2630$   $v'=0.5244$   
 CCT=2702K(Duv=-0.0020) Dominant WL:Ld =584.9nm WL:Lc = --nm Purity=58.3%  
 Ratio:R=25.7% G=71.8% B=2.5% Peak WL:Lp=609.2nm FWHM=113.7nm  
 Render Index:Ra=84.8 AvgR=80.7 Lav=596.8nm

R1 =85 R2 =95 R3 =93 R4 =83 R5 =86 R6 =95 R7 =81  
 R8 =61 R9 =18 R10=89 R11=84 R12=80 R13=88 R14=97 R15=77

**Photo Parameters:**

Flux = 5771 lm Eff. : 140.17 lm/W Fe = 18.28 W

**Electrical parameters:**

V = 229.91 V I = 0.1864 A P = 41.17 W PF = 0.9607  
 Kdisp(IEC) = 0.9650

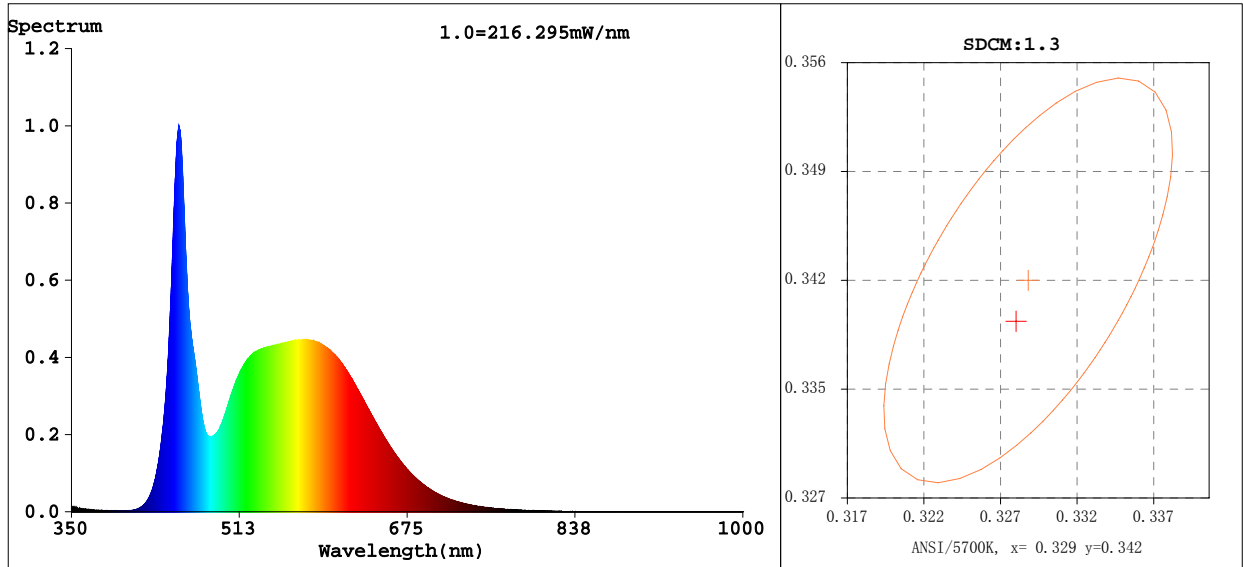
Status: Integral T = 152 ms Ip = 54470 (83%)

**GBT5702**

Model:1.257  
 Tester:  
 Temperature:25.0Deg  
 Manufacturer:

Number:11  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.3279$   $y=0.3390$   $u'=0.2045$   $v'=0.4758$   
 CCT=5700K(Duv=0.0010) Dominant WL:Ld =506.1nm WL:Lc = --nm Purity=1.6%  
 Ratio:R=14.9% G=79.9% B=5.2% Peak WL:Lp=453.9nm FWHM=18.9nm  
 Render Index:Ra=84.8 AvgR=78.3 Lav=547.5nm

R1 =84 R2 =90 R3 =92 R4 =84 R5 =84 R6 =84 R7 =88  
 R8 =72 R9 =20 R10=75 R11=83 R12=57 R13=86 R14=96 R15=80

Photo Parameters:

Flux = 6277 lm Eff. : 152.85 lm/W Fe = 20.15 W

Electrical parameters:

V = 229.91 V I = 0.1860 A P = 41.07 W PF = 0.9606  
 Kdisp(IEC) = 0.9650

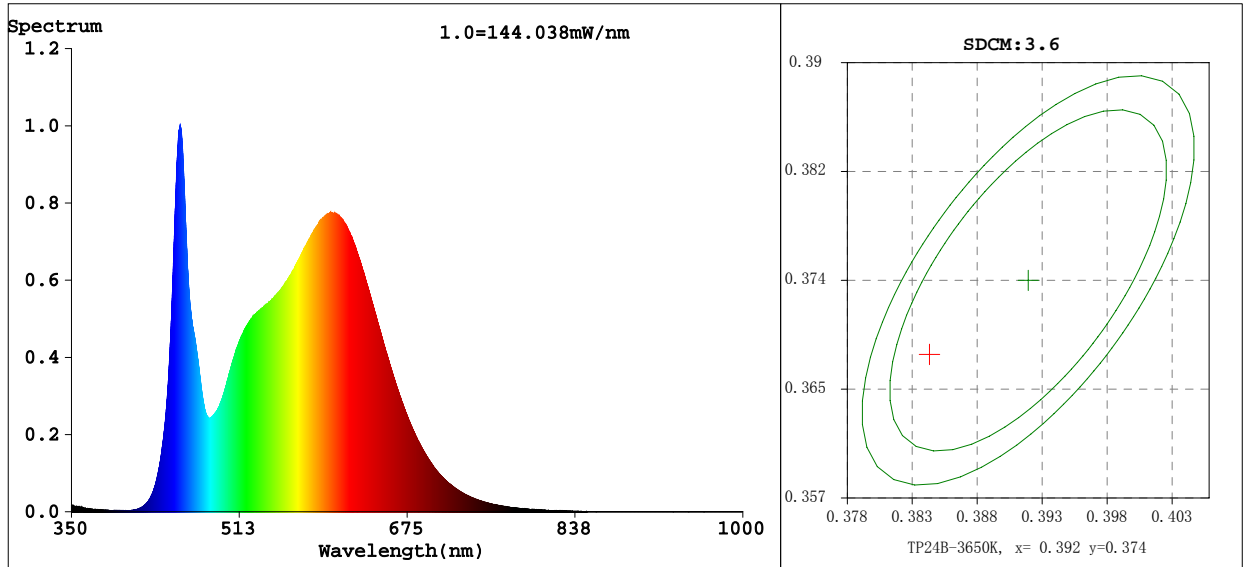
Status: Integral T = 76 ms Ip = 37417 (57%)

GBT5702

Model:1.257  
 Tester:  
 Temperature:25.0Deg  
 Manufacturer:

Number:12  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:x=0.3845 y=0.3679/u'=0.2314 v'=0.4982  
 CCT=3821K(Duv=-0.0054) Dominant WL:Ld =583.0nm WL:Lc = --nm Purity=25.8%  
 Ratio:R=20.2% G=75.8% B=4.0% Peak WL:Lp=455.3nm FWHM=19.6nm  
 Render Index:Ra=88.2 AvgR=83.9 Lav=574.3nm

R1 =89 R2 =96 R3 =96 R4 =86 R5 =89 R6 =91 R7 =86  
 R8 =72 R9 =35 R10=88 R11=86 R12=68 R13=92 R14=99 R15=85

**Photo Parameters:**

Flux = 6193 lm Eff. : 155.63 lm/W Fe = 19.80 W

**Electrical parameters:**

V = 229.91 V I = 0.1805 A P = 39.79 W PF = 0.9587  
 Kdisp(IEC) = 0.9632

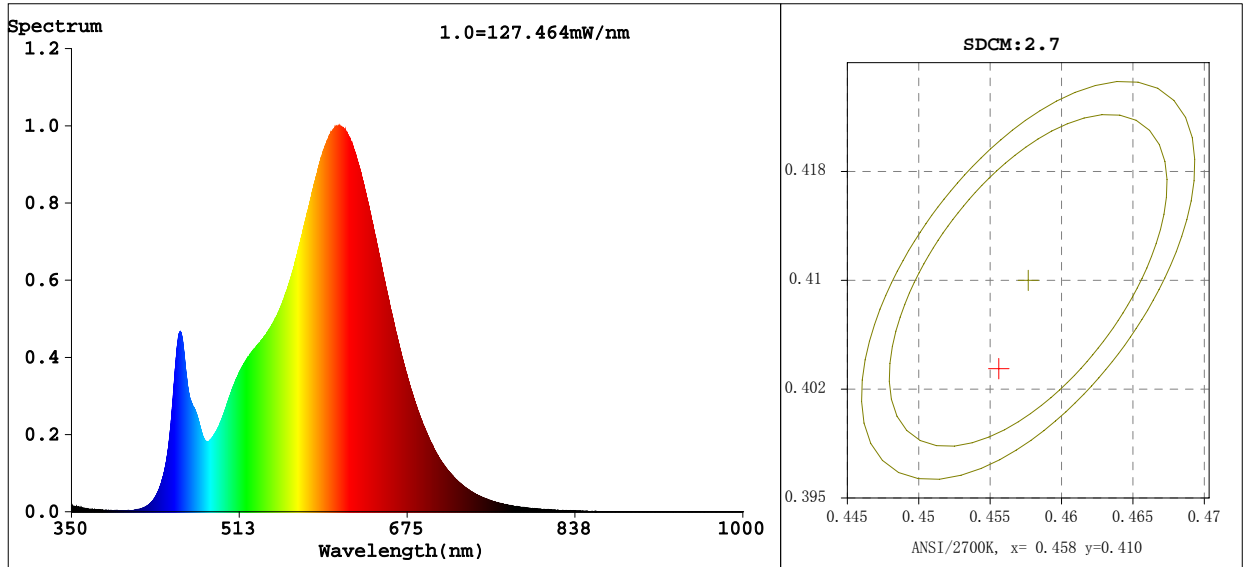
Status: Integral T = 155 ms Ip = 51183 (78%)

**GBT5702**

Model:1.257  
 Tester:  
 Temperature:25.0Deg  
 Manufacturer:

Number:13  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4557$   $y=0.4039$  /  $u'=0.2628$   $v'=0.5241$   
 CCT=2706K (Duv=-0.0021) Dominant WL:Ld =584.9nm WL:Lc = --nm Purity=58.0%  
 Ratio:R=25.7% G=71.8% B=2.5% Peak WL:Lp=609.2nm FWHM=113.8nm  
 Render Index:Ra=84.7 AvgR=80.6 Lav=596.7nm

R1 =85    R2 =95    R3 =93    R4 =83    R5 =86    R6 =95    R7 =81  
 R8 =60    R9 =18    R10=89    R11=84    R12=80    R13=88    R14=97    R15=77

**Photo Parameters:**

Flux = 5720 lm    Eff. : 140.12 lm/W    Fe = 18.13 W

**Electrical parameters:**

V = 229.92 V    I = 0.1849 A    P = 40.83 W PF = 0.9602  
 Kdisp(IEC) = 0.9647

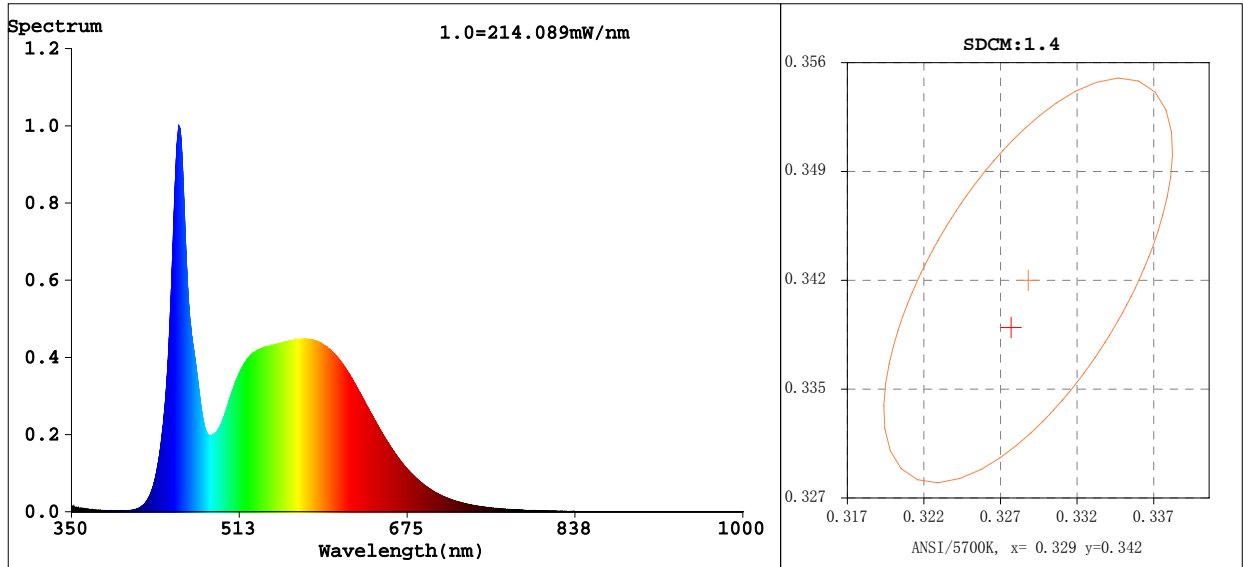
Status: Integral T = 155 ms    Ip = 55062 (84%)

**GBT5702**

Model:1.257  
 Tester:  
 Temperature:25.0Deg  
 Manufacturer:

Number:14  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3276$   $y=0.3386/u'=0.2045$   $v'=0.4756$   
 CCT=5720K(Duv=0.0009) Dominant WL:Ld =504.2nm WL:Lc = --nm Purity=1.7%  
 Ratio:R=14.9% G=79.9% B=5.2% Peak WL:Lp=453.9nm FWHM=19.2nm  
 Render Index:Ra=84.9 AvgR=78.5 Lav=547.4nm

R1 =84 R2 =90 R3 =92 R4 =84 R5 =84 R6 =85 R7 =88  
 R8 =72 R9 =20 R10=75 R11=83 R12=57 R13=86 R14=96 R15=81

**Photo Parameters:**

Flux = 6239 lm Eff. : 152.86 lm/W Fe = 20.06 W

**Electrical parameters:**

V = 229.90 V I = 0.1849 A P = 40.81 W PF = 0.9602  
 Kdisp(IEC) = 0.9648

Status: Integral T = 77 ms Ip = 37595 (57%)

**GBT5702**

Model:1.257  
 Tester:  
 Temperature:25.1Deg  
 Manufacturer:

Number:15  
 Date:2023-12-15  
 Humidity:65.0%  
 Remarks:LED三防灯\_产品\_TP24B-4140W\_无\_无\_CO