

Luminária Estanque LED 60W-35W - Driver TRIDONIC - CCT - 150CM



As especificações técnicas:

Potência nominal : 60W

Tensão Nominal: 220-240V

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): 50.000

Medidas (mm): L:1550 W:70 H:80 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

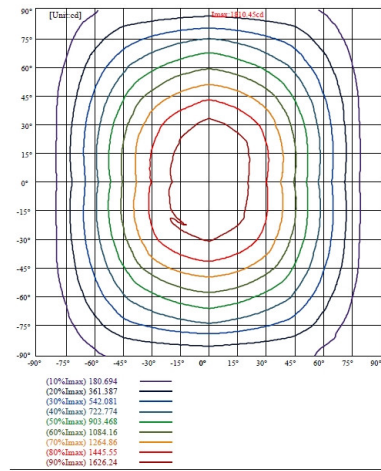
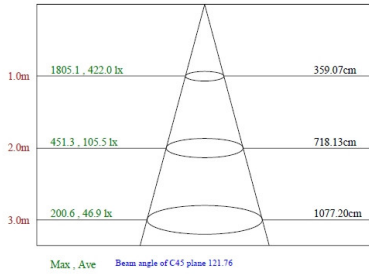
Ficha Técnica

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

Appendix Page: 10 Total:22

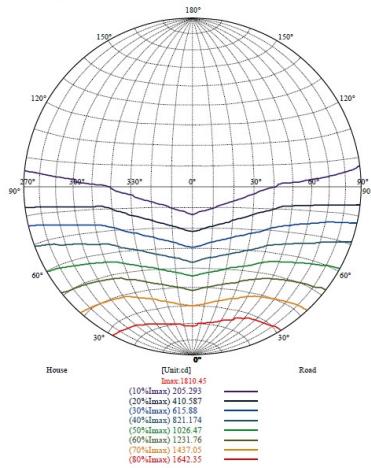
TP24B-4140W CCT 220-240V
Lux distance Curve

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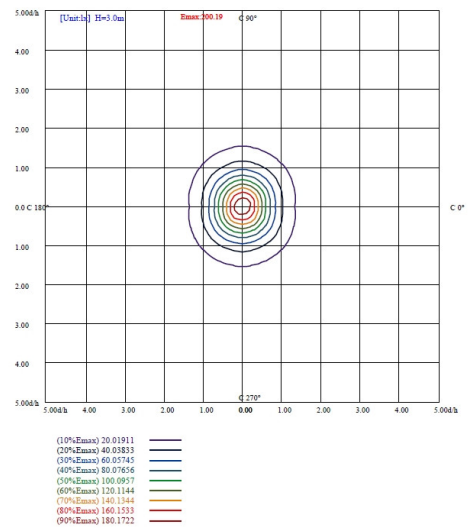
TP24B-4140W CCT 220-240V
ISO candela diagram on circular web

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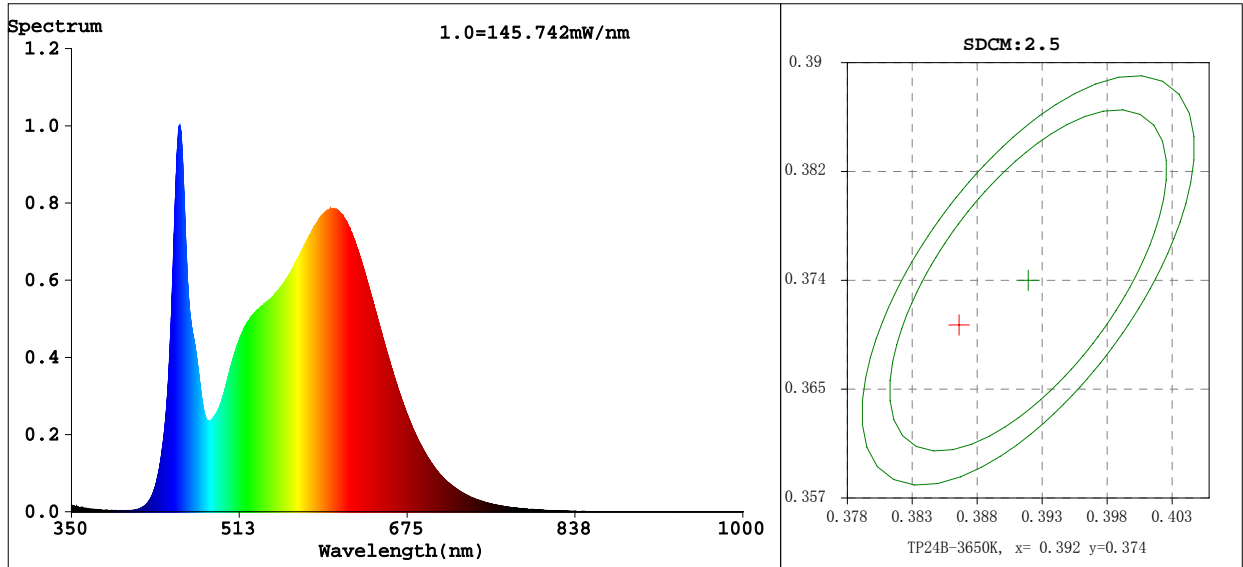


TP24B-4140W CCT 220-240V
ISO illuminance diagram

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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

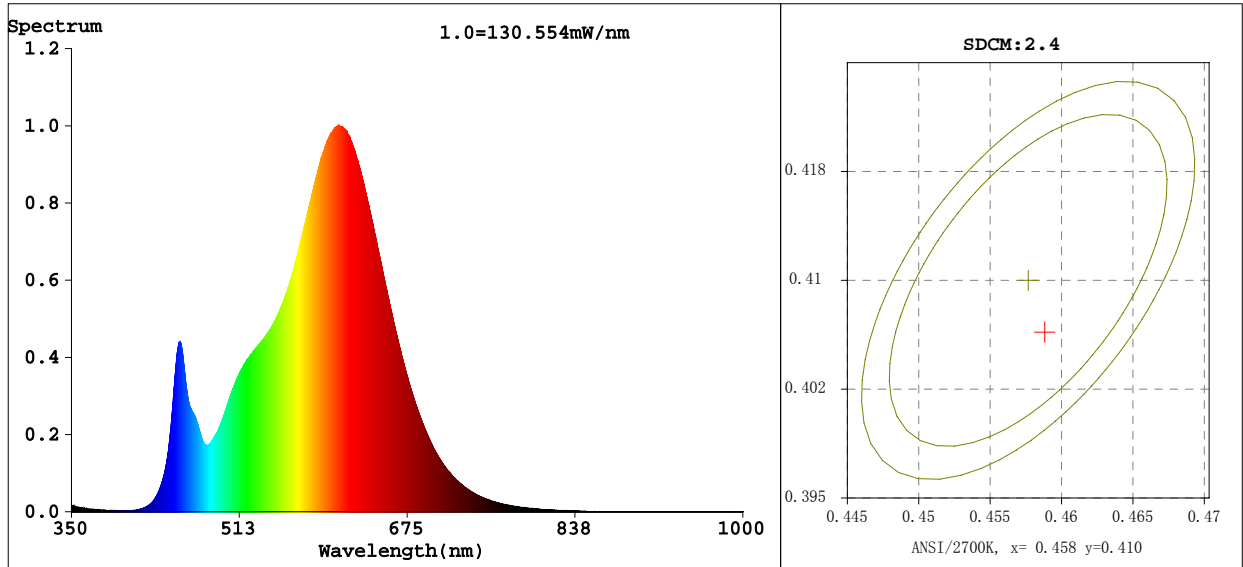
Status: Integral T = 135 ms Ip = 45101 (69%)

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

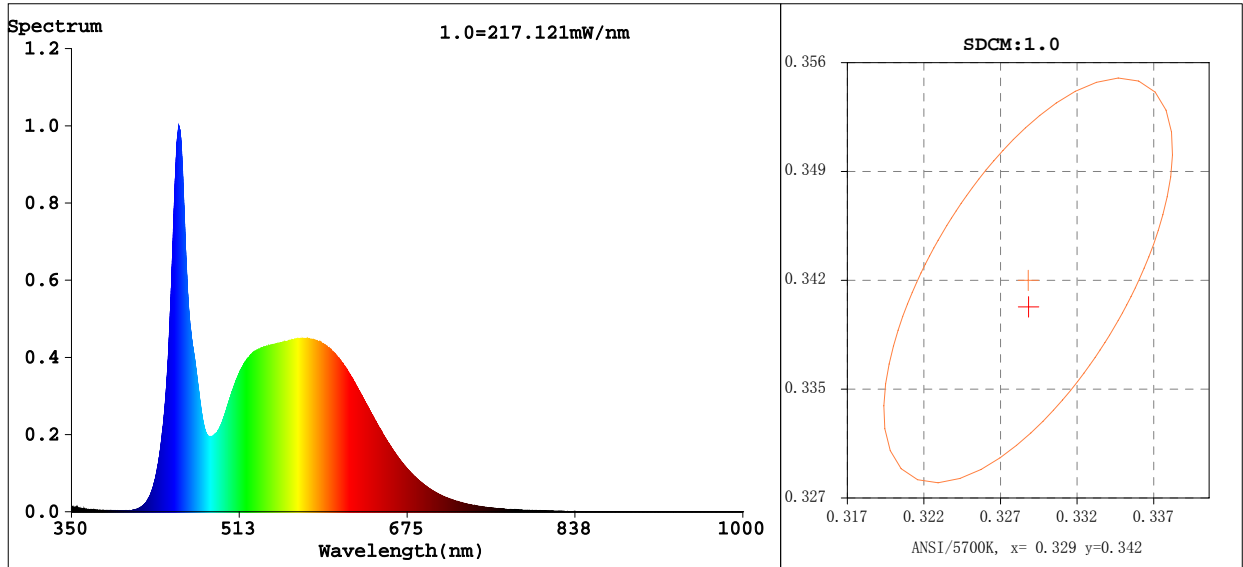
Status: Integral T = 135 ms Ip = 49036 (75%)

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

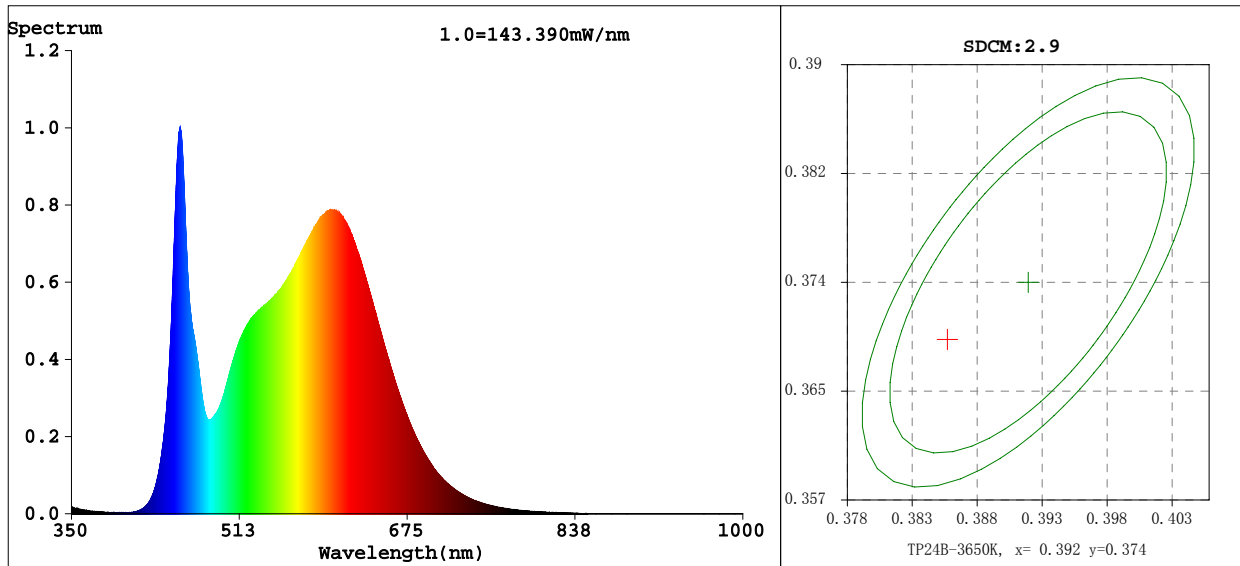
Status: Integral T = 67 ms Ip = 33081 (50%)

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

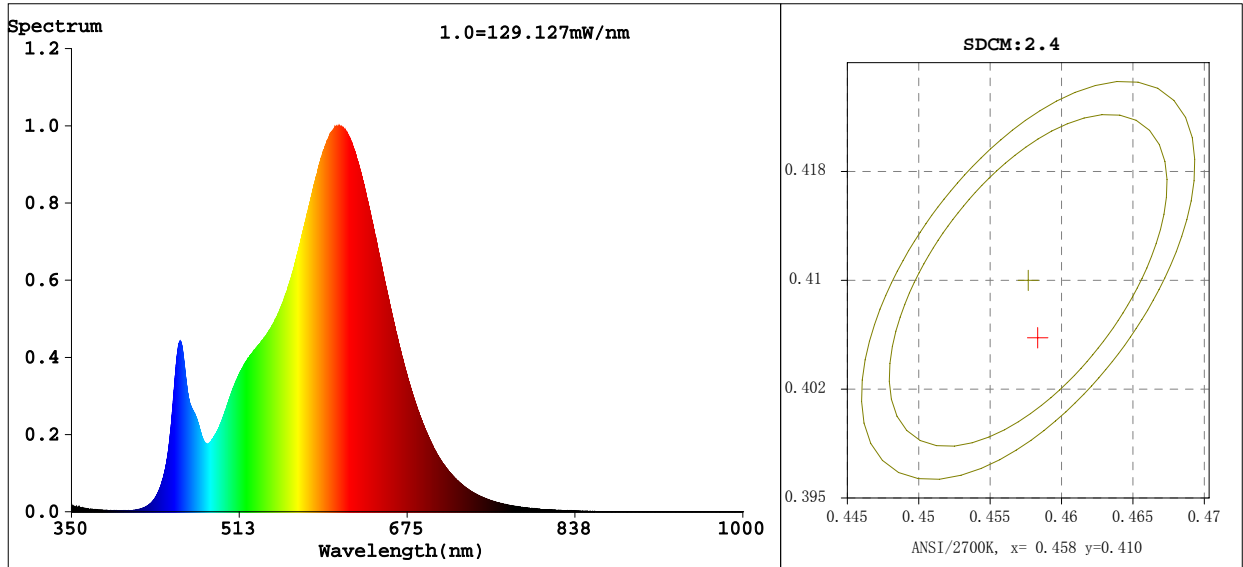
Status: Integral T = 156 ms Ip = 51282 (78%)

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

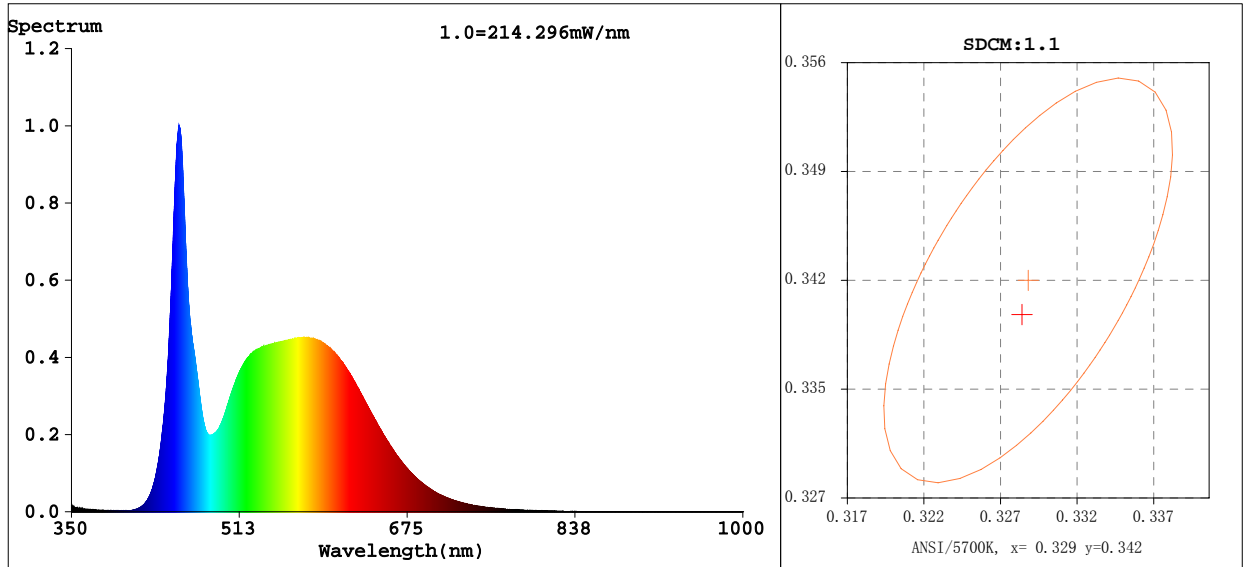
Status: Integral T = 156 ms Ip = 56150 (86%)

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

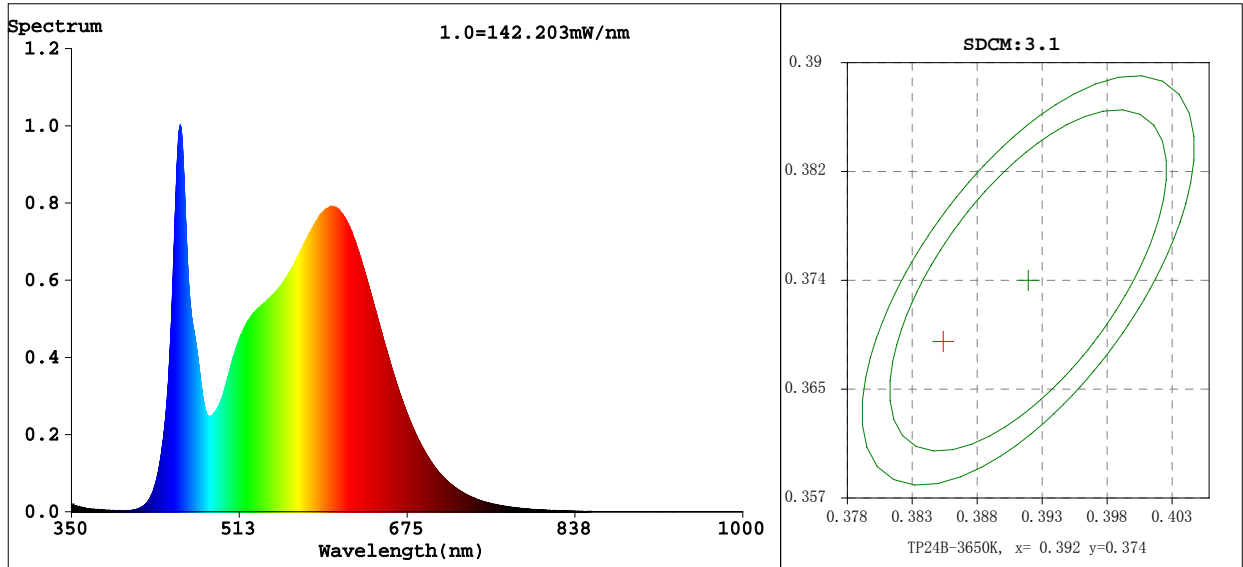
Status: Integral T = 78 ms Ip = 38141 (58%)

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

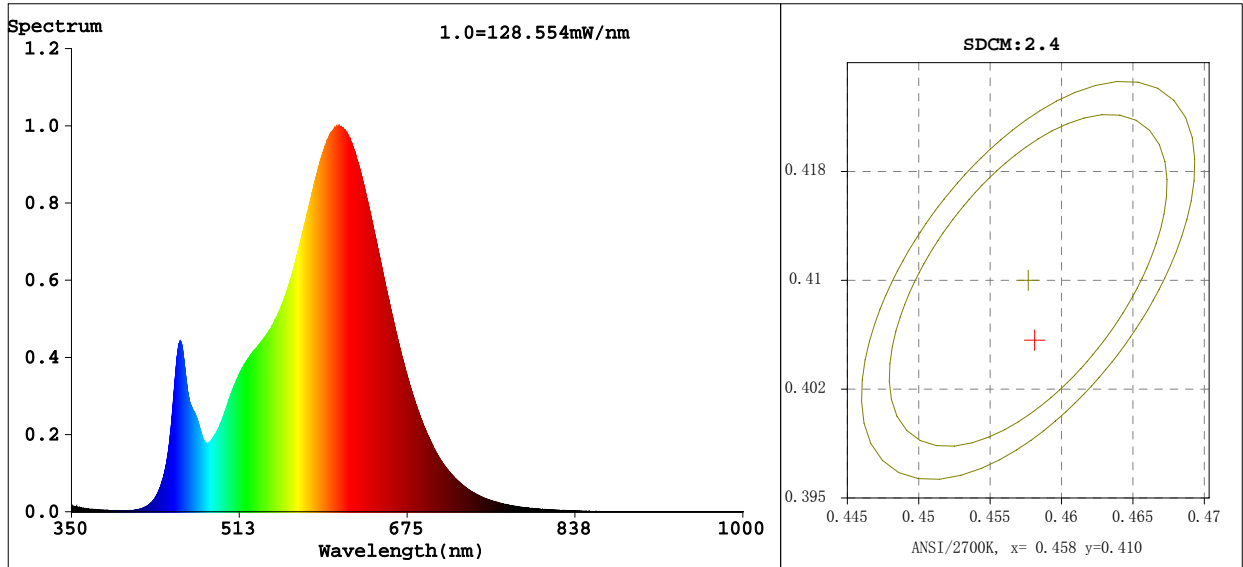
Status: Integral T = 157 ms Ip = 51236 (78%)

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

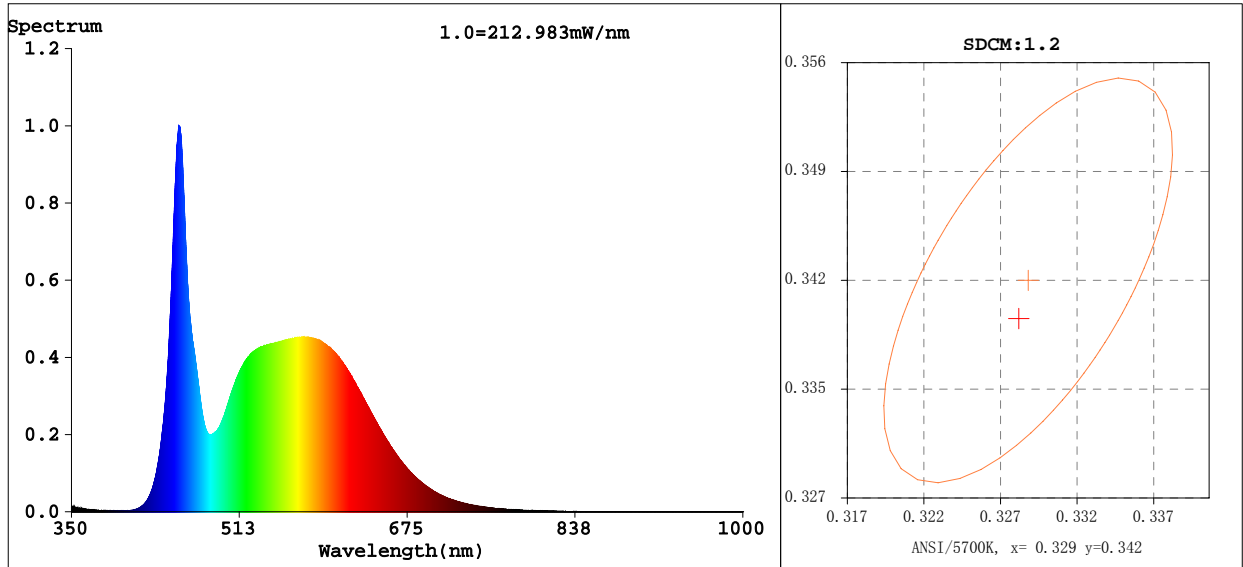
Status: Integral T = 157 ms Ip = 56244 (86%)

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

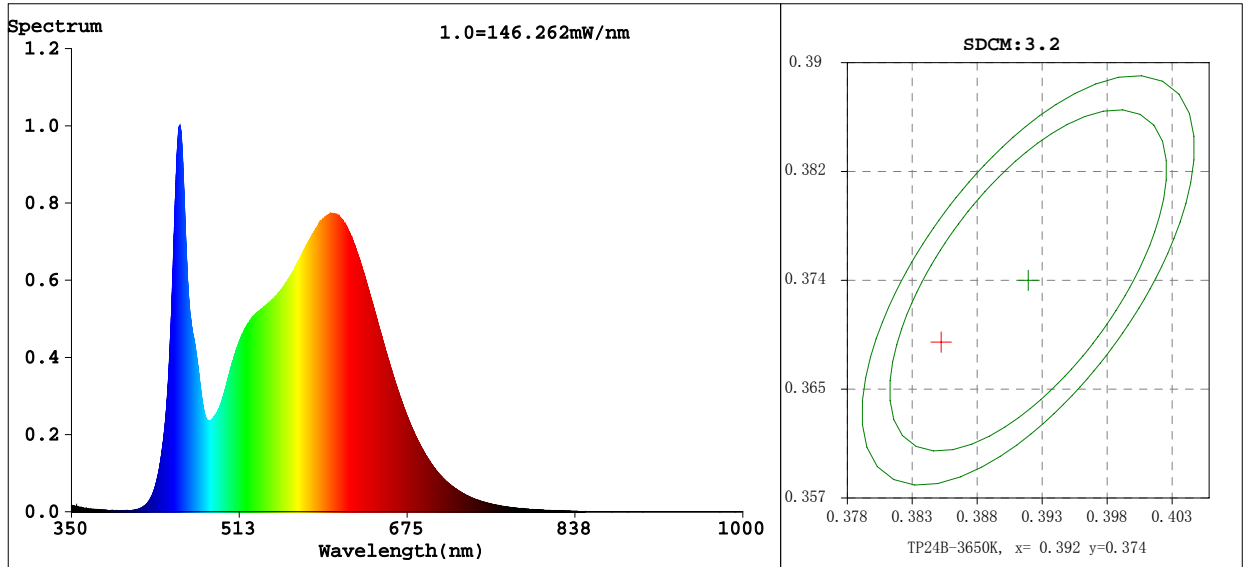
Status: Integral T = 78 ms Ip = 37966 (58%)

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

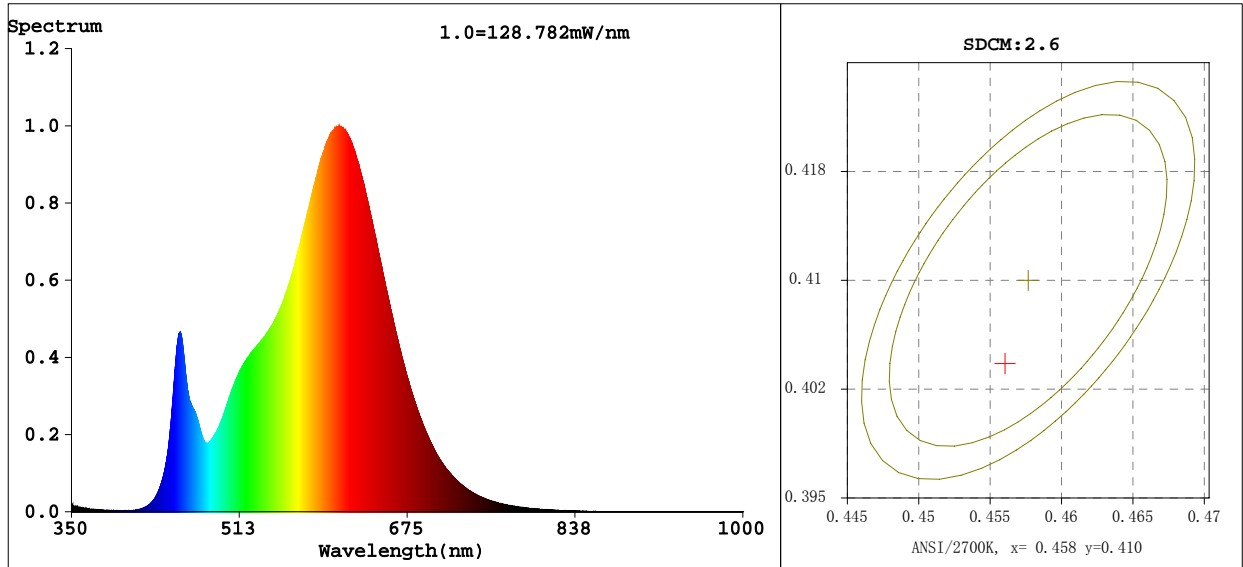
Status: Integral T = 152 ms Ip = 50959 (78%)

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

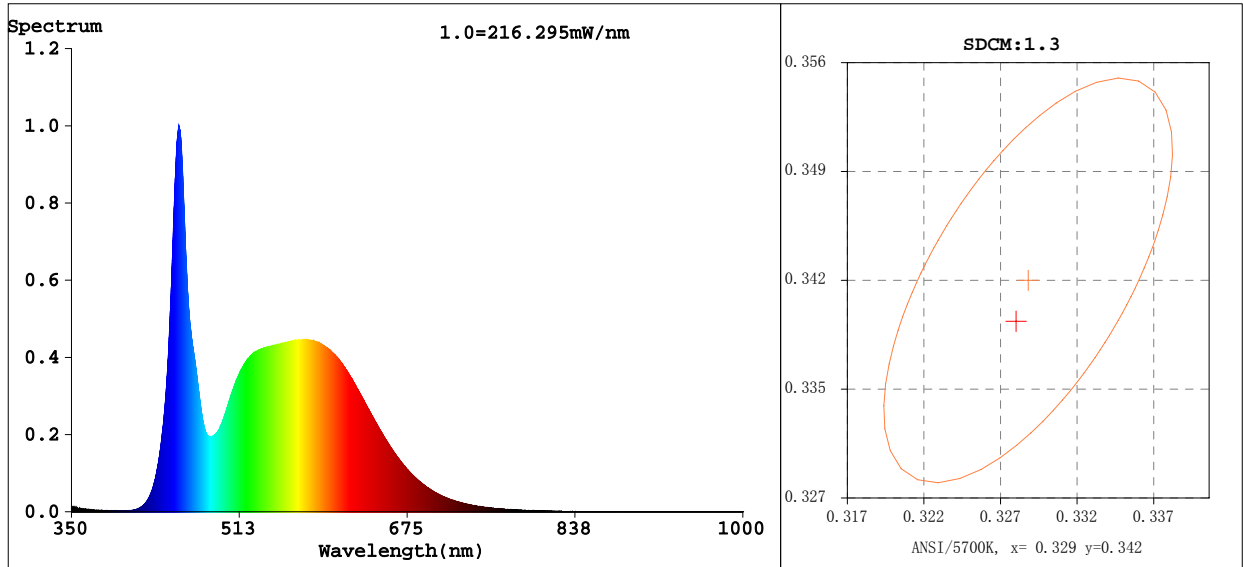
Status: Integral T = 152 ms Ip = 54470 (83%)

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

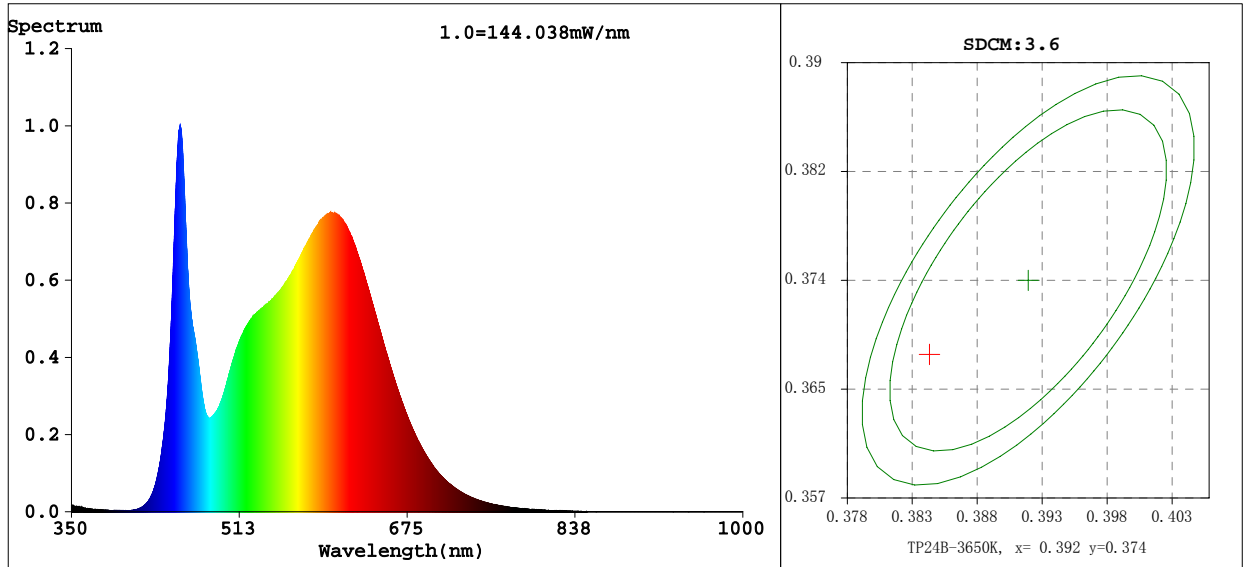
Status: Integral T = 76 ms Ip = 37417 (57%)

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

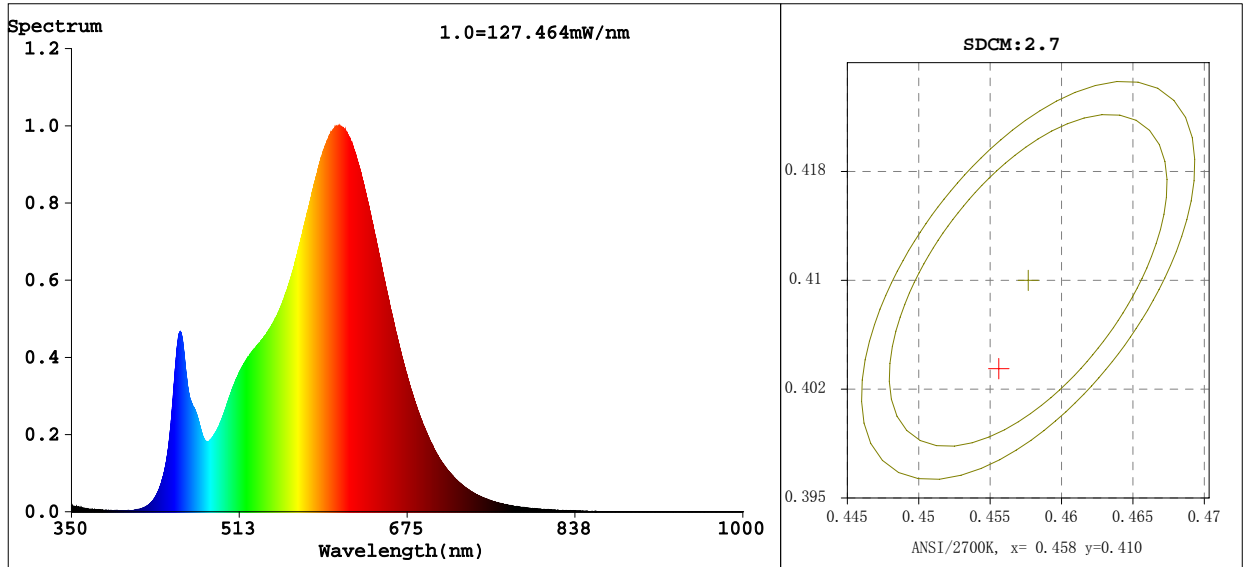
Status: Integral T = 155 ms Ip = 51183 (78%)

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

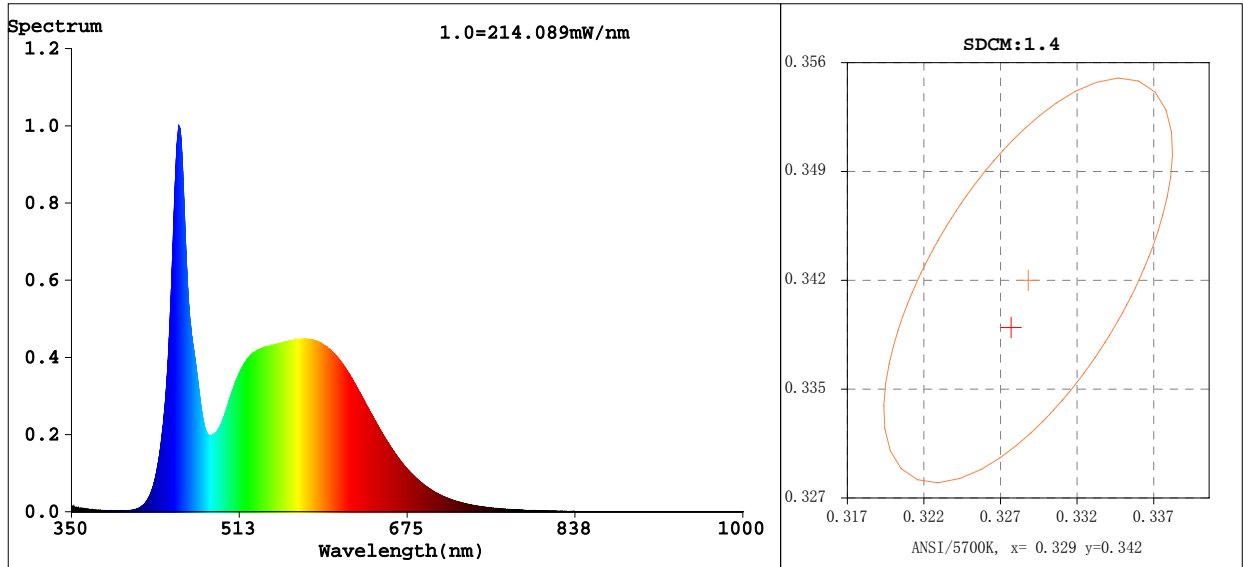
Status: Integral T = 155 ms Ip = 55062 (84%)

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