

MEDIA LUMINOSIDAD

IRÚN

TIRAS FLEXIBLES

Ref: 32.017

RGB

Tira flexible **RGB** serie "PRO"

IP20 con 180 leds/metro 3014SMD.

Requiere uso de led profile para disipación.

Tira flexible con iluminación lateral.

PCB 6mm

Uso diario máximo recomendado: 18h

Conexión máxima en circuito abierto: 4m

Conexión máxima en circuito cerrado: 8m

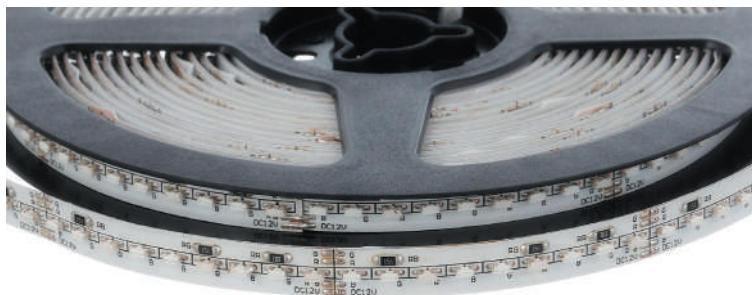
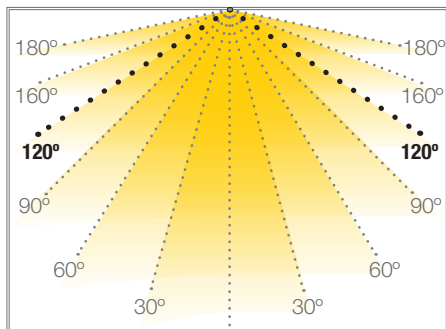
Vida útil: 50.000h*

*En función de la disipación del perfil, de las horas diarias trabajadas y de la temperatura externa ambiental de trabajo.

ecoled Irún está formado por una secuencia de 9 leds por cada sección de corte (3 leds rojos, 3 leds verdes y 3 leds azules)



Nota: ecoled Irún está formado por una secuencia de tres leds monocolor rojo, verde y azul. Para poder realizar una mezcla más homogénea se requiere un elemento difusor.



potencia



120°



voltaje



IP20



50 mm



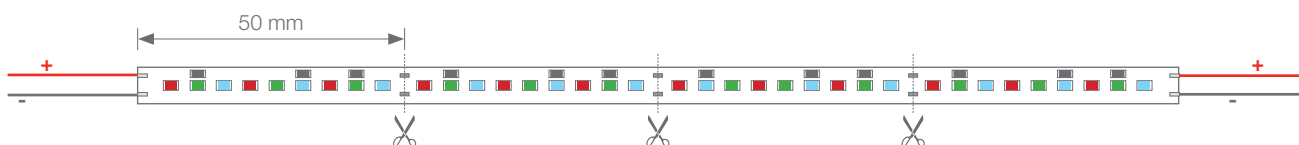
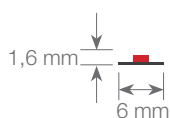
interior



trabajo

Potencia (W)	13.8W/m
Voltaje (V)	12V
Tipo Led	SMD3014
Lumens (blanco)	400 Lm/m
CRI	>25
Emisión de luz	120°
Estanqueidad (IP)	IP20
Nº leds/m	180
Medidas	5000x6x1.6mm
Cortable	cada 50mm
PCB	6mm
Temperatura trabajo	-20°C / +40°C
Apto para	interior
Embalaje	1 rollo/5m
Garantía	3 años

Aprobado por: 

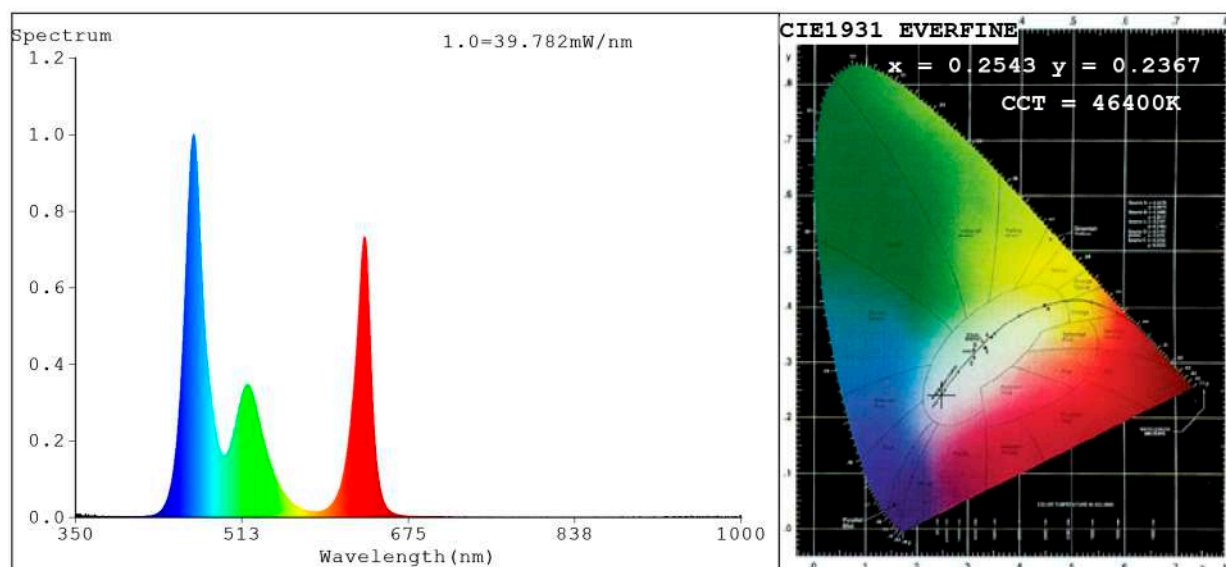


BARCELONA
C/ Carles Buigues, 13
08420 Canovelles
Info@luznegra.net
Tel: +34 938 402 598

MADRID
C/ Adaptación, 27
28906 Getafe
centro@luznegra.net
Tel: +34 916 416 081

PARIS
113 Avenue Joffre
77450 Esbly
france@luznegra.net
Tel: +33 (0) 160 426 585

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2543$ $y=0.2367$ $u'=0.1908$ $v'=0.3996$

CCT=46400K (Duv=-0.0097) Dominant WL:Ld =472.3nm Purity=36.7%

Ratio:R=25.7% G=59.0% B=15.3%; Peak WL:Lp=465.6nm FWHM=20.4nm

Render Index:Ra=28.2 CRI=25.4 TM30:Rf=31 Rg=114

R1 =0 R2 =33 R3 =63 R4 =25 R5 =26 R6 =34 R7 =46

R8 =0 R9 =0 R10=0 R11=16 R12=38 R13=2 R14=74 R15=0

Photo Parameters:

Flux = 433.8 lm Eff. : 32.42 lm/W Fe = 2.129 W Scotopic:1845.8 S/P:4.2546

Electrical parameters:

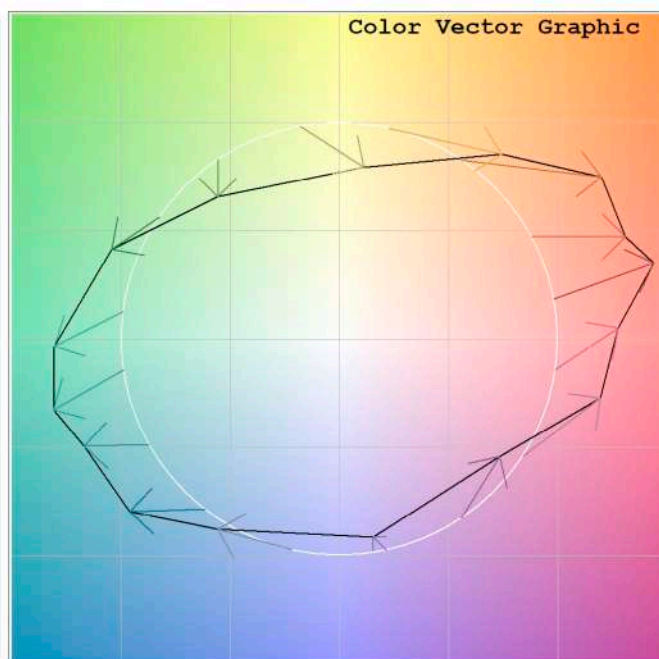
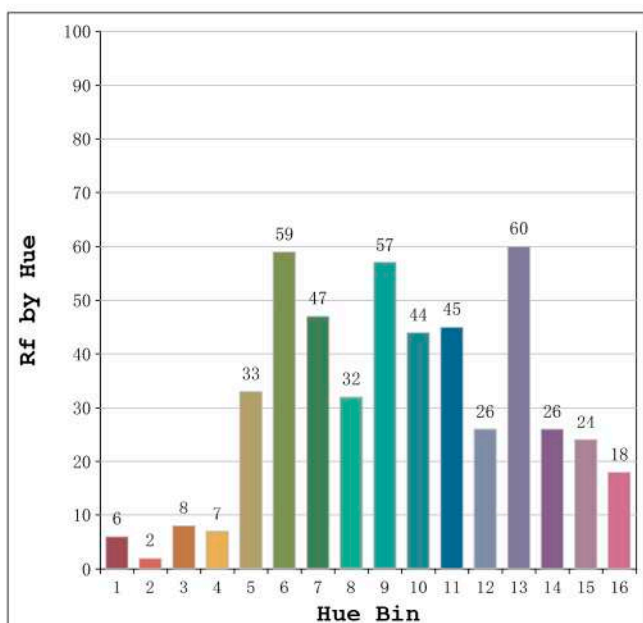
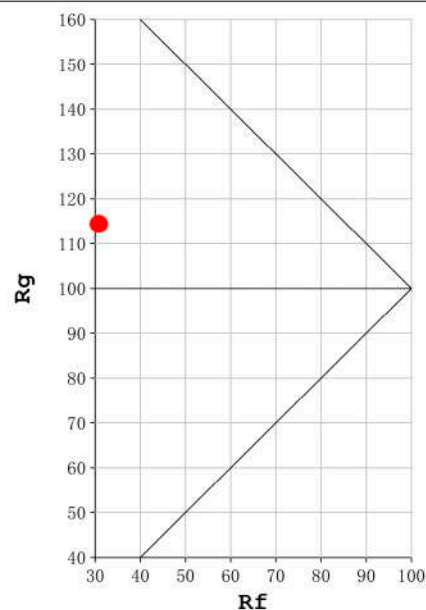
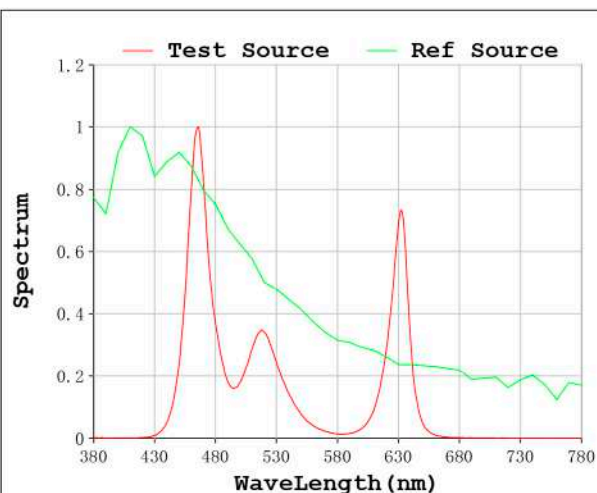
V = 11.998 V I = 1.115 A P = 13.38 W PF = 1.000

Status: Integral T = 500 ms Ip = 35492 (54%)

Model:Ecoled Irun R+G+B
 Tester:Sergio Carneros
 Temperature:21Deg
 Manufacturer:Luz Negra S.L

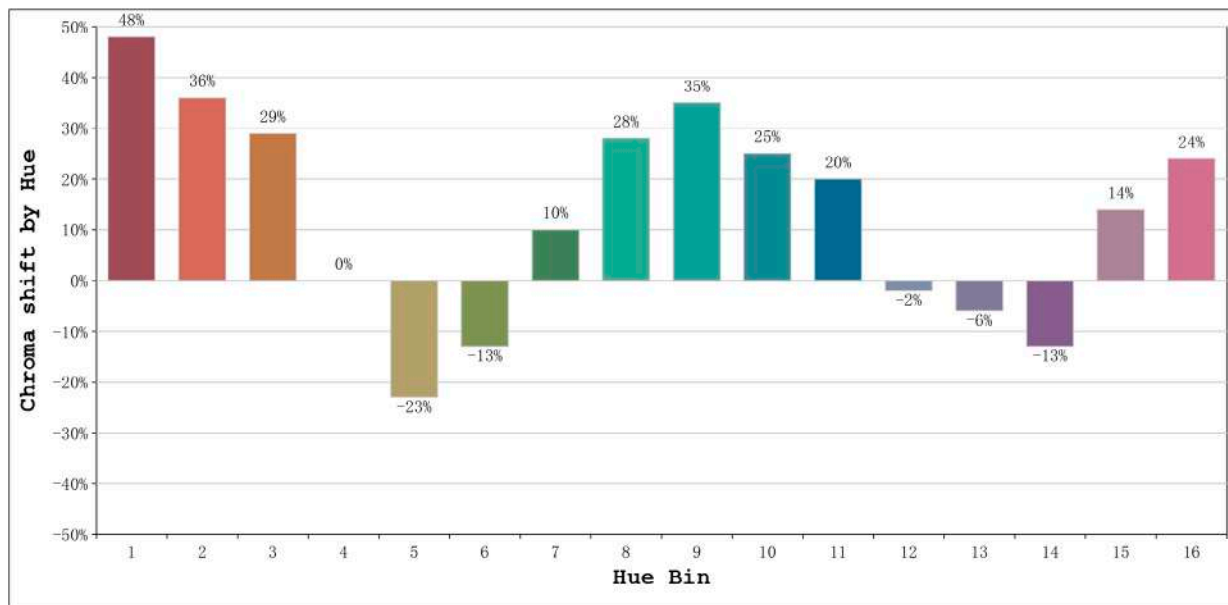
Number: 32.017
 Date:25-5-2021
 Humidity:57%
 Remarks:100cm de tira flexible

Rf: 31 CCT: 46400 K u': 0.1908
Rg: 114 Duv: -0.0097 v': 0.3996



Model:Ecoled Irun R+G+B
Tester:Sergio Carneros
Temperature:21Deg
Manufacturer:Luz Negra S.L

Number: 32.017
Date:25-5-2021
Humidity:57%
Remarks:100cm de tira flexible

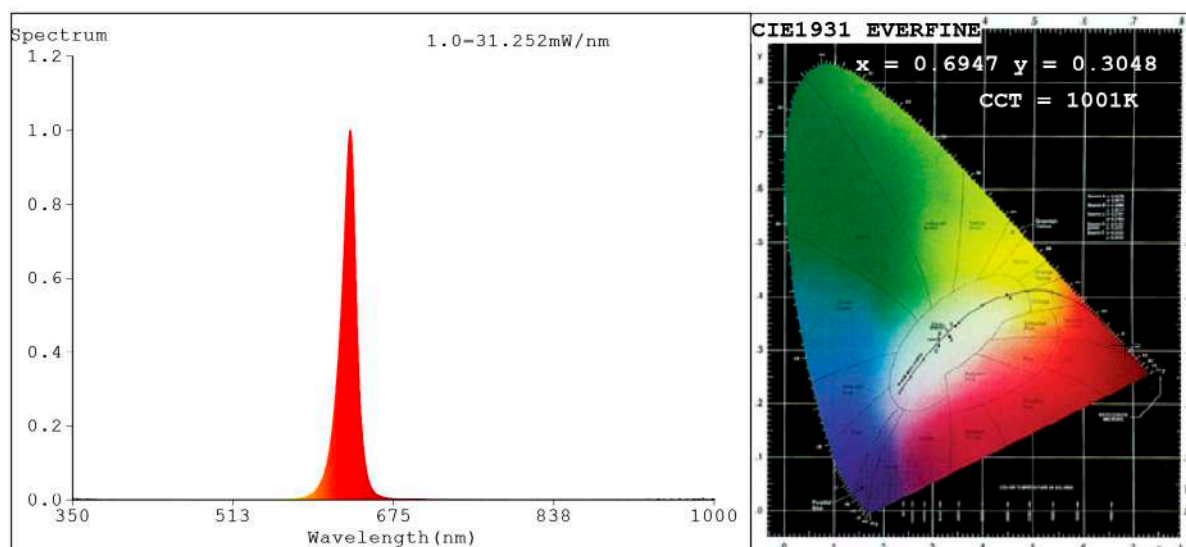


Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	6	48	7
2	22.5° - 45.0°	2	36	-23
3	45.0° - 67.5°	8	29	-57
4	67.5° - 90.0°	7	0	-52
5	90.0° - 112.5°	33	-23	-24
6	112.5° - 135.0°	59	-13	10
7	135.0° - 157.5°	47	10	24
8	157.5° - 180.0°	32	28	22
9	180.0° - 202.5°	57	35	12
10	202.5° - 225.0°	44	25	-15
11	225.0° - 247.5°	45	20	-27
12	247.5° - 270.0°	26	-2	-34
13	270.0° - 292.5°	60	-6	-4
14	292.5° - 315.0°	26	-13	30
15	315.0° - 337.5°	24	14	42
16	337.5° - 360.0°	18	24	25

Model:Ecoled Irun R+G+B
 Tester:Sergio Carneros
 Temperature:21Deg
 Manufacturer:Luz Negra S.L

Number: 32.017
 Date:25-5-2021
 Humidity:57%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6947$ $y=0.3048$ $u'=0.5275$ $v'=0.5207$

CCT=1001K (Duv=-0.0799) Dominant WL: $\lambda_d = 621.9\text{nm}$ Purity=99.9%

Ratio: R=96.0% G=4.0% B=0.0%; Peak WL: $\lambda_p = 631.2\text{nm}$ FWHM=16.1nm

Render Index: Ra=26.7 CRI=32.5 TM30: Rf=11 Rg=-1

R1 =7 R2 =78 R3 =31 R4 =0 R5 =2 R6 =90 R7 =6

R8 =0 R9 =0 R10=72 R11=0 R12=79 R13=30 R14=60 R15=0

Photo Parameters:

Flux = 124.9 lm Eff. : 26.87 lm/W Fe = 626.0 mW Scotopic: 6.6794 S/P: 0.053458

Electrical parameters:

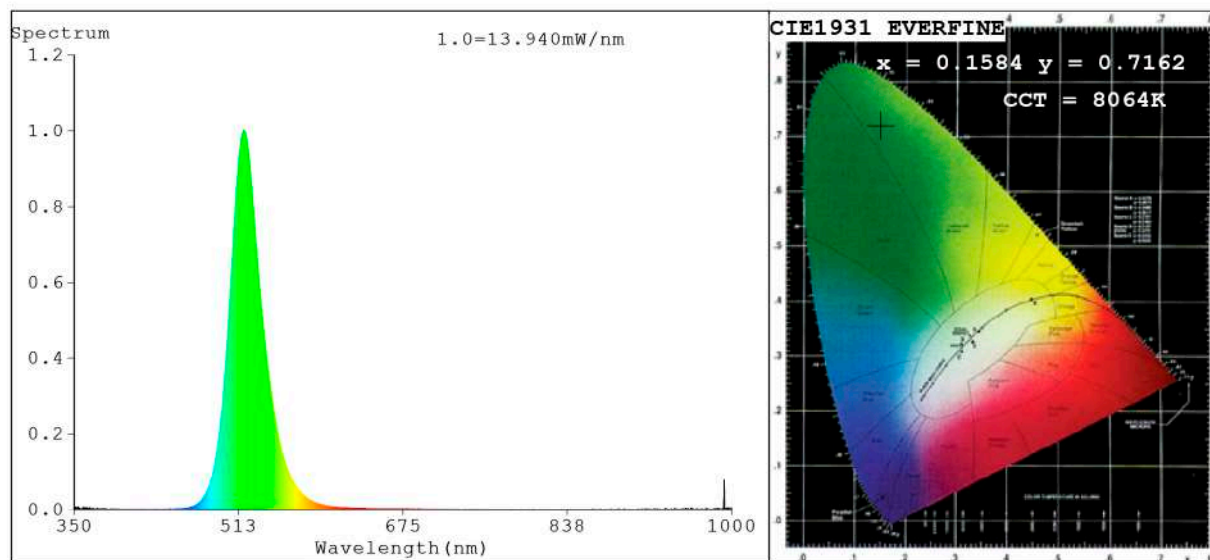
V = 11.998 V I = 0.3876 A P = 4.650 W PF = 1.000

Status: Integral T = 1023 ms Ip = 49232 (75%)

Model: Ecoled Irun rojo
 Tester: Sergio Carneros
 Temperature: 21Deg
 Manufacturer: Luz Negra S.L

Number: 32.017
 Date: 25-5-2021
 Humidity: 57%
 Remarks: 100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1584$ $y=0.7162$ $u'=0.0562$ $v'=0.5716$

CCT=8064K (Duv=0.1597) Dominant WL: $\lambda_d = 524.1nm$ Purity=77.3%

Ratio: R=0.3% G=96.9% B=2.8%; Peak WL: $\lambda_p = 517.4nm$ FWHM=33.3nm

Render Index: $R_a=0.0$ CRI=2.9 TM30: $R_f=0$ $R_g=8$

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 0 R6 = 0 R7 = 0

R8 = 0 R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0 R14 = 40 R15 = 0

Photo Parameters:

Flux = 255.6 lm Eff. : 55.18 lm/W $\Phi_e = 551.5 mW$ Scotopic: 770.55 S/P: 3.0144

Electrical parameters:

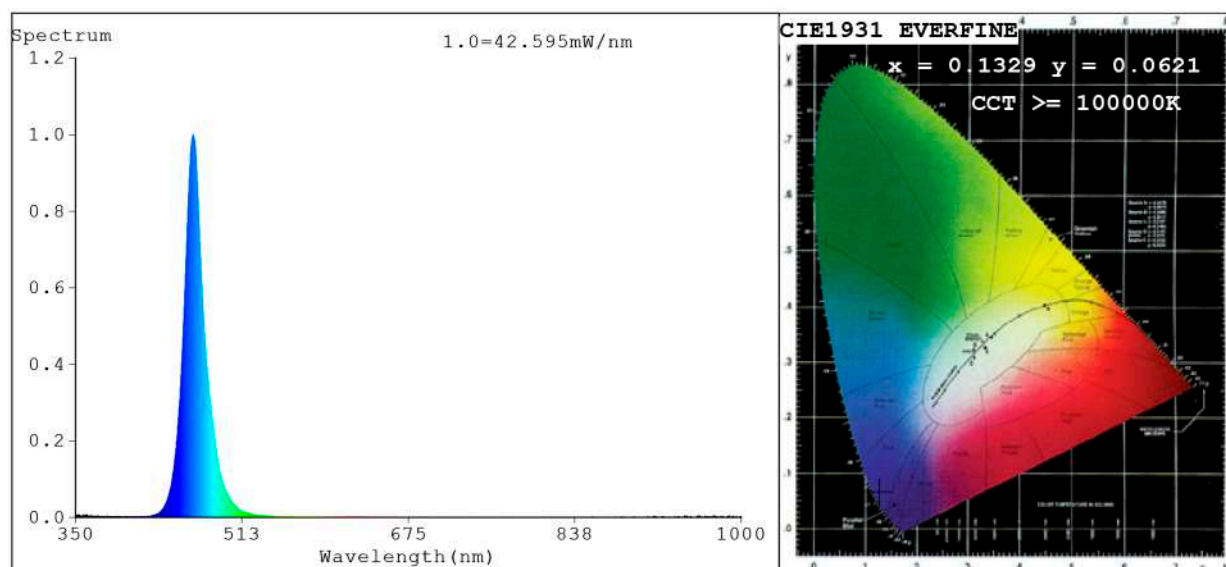
V = 11.998 V I = 0.3861 A P = 4.632 W PF = 1.000

Status: Integral T = 1688 ms $I_p = 49703$ (76%)

Model: Ecoled Irun verde
Tester: Sergio Carneros
Temperature: 21Deg
Manufacturer: Luz Negra S.L

Number: 32.017
Date: 25-5-2021
Humidity: 57%
Remarks: 100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1329$ $y=0.0621$ $u'=0.1528$ $v'=0.1607$

CCT=100000K (Duv=0.1612) Dominant WL:Ld =469.0nm Purity=97.0%

Ratio:R=0.4% G=14.4% B=85.2%; Peak WL:Lp=464.6nm FWHM=19.8nm

Render Index:Ra=0.4 CRI=0.2 TM30:Rf=0 Rg=-75

R1 =0 R2 =0 R3 =0 R4 =0 R5 =3 R6 =0 R7 =0

R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

Photo Parameters:

Flux = 72.88 lm Eff. : 15.93 lm/W Fe = 1.059 W Scotopic:1150.7 S/P:15.789

Electrical parameters:

V = 11.998 V I = 0.3814 A P = 4.576 W PF = 1.000

Status: Integral T = 422 ms Ip = 31860 (49%)

Model:Ecoled Irun azul
 Tester:Sergio Carneros
 Temperature:21Deg
 Manufacturer:Luz Negra S.L

Number: 32.017
 Date:25-5-2021
 Humidity:57%
 Remarks:100cm de tira flexible