

MEDIUM BRIGHTNESS

IRUN

FLEXIBLE STRIP

Ref: 32.017

RGB

RGB flexible led strip "PRO"

IP20 with 180 leds/metre 3014SMD.

Requires use with led profile to permit dissipation.

Side lighting flexible led strip.

6mm PCB

Daily recommended use: 18h

Maximum connection in open circuit: 4m

Maximum connection in closed circuit: 8m

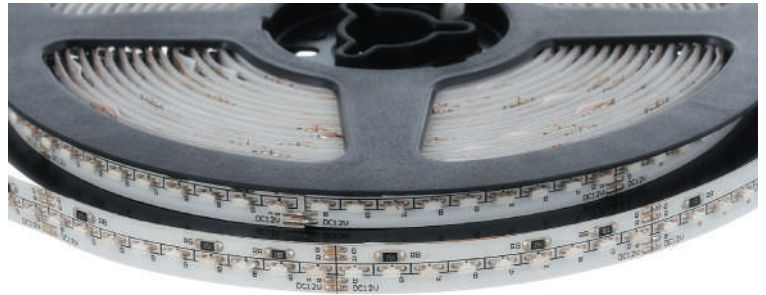
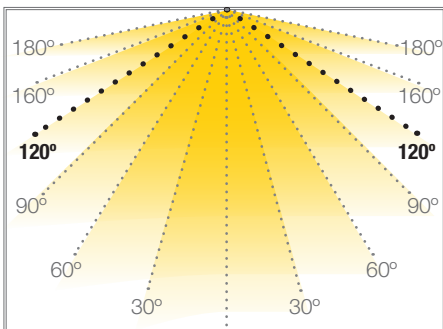
Estimated lifespan: 50000h *

* Depending on the dissipation of the profile, the daily working hours and the external environmental working temperature.

ecoled Irún consists of a sequence of 9 leds for each cut section (3 red leds, 3 green leds and 3 blue leds)

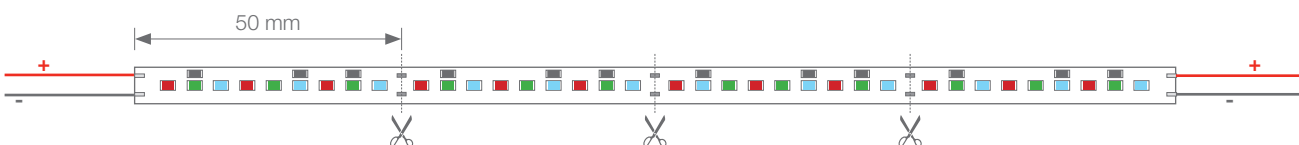
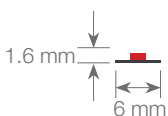


Note: ecoled Irún consists of a sequence of three single-colour leds in red, green and blue. A diffusing element is required for a more homogeneous blend.



Power (W)	13.8W/m
Voltage (V)	12V
Led type	SMD3014
Lumens (white)	400 Lm/m
CRI	>25
Light emission	120°
Waterproofing	IP20
N° leds/m	180
Measurements	5000x6x1.6mm
Cuttable	every 50mm
PCB	6mm
Working temperature	-20°C / +40°C
Apt for	indoor
Packaging	1 roll/5m
Guarantee	3 years

Approved by: 

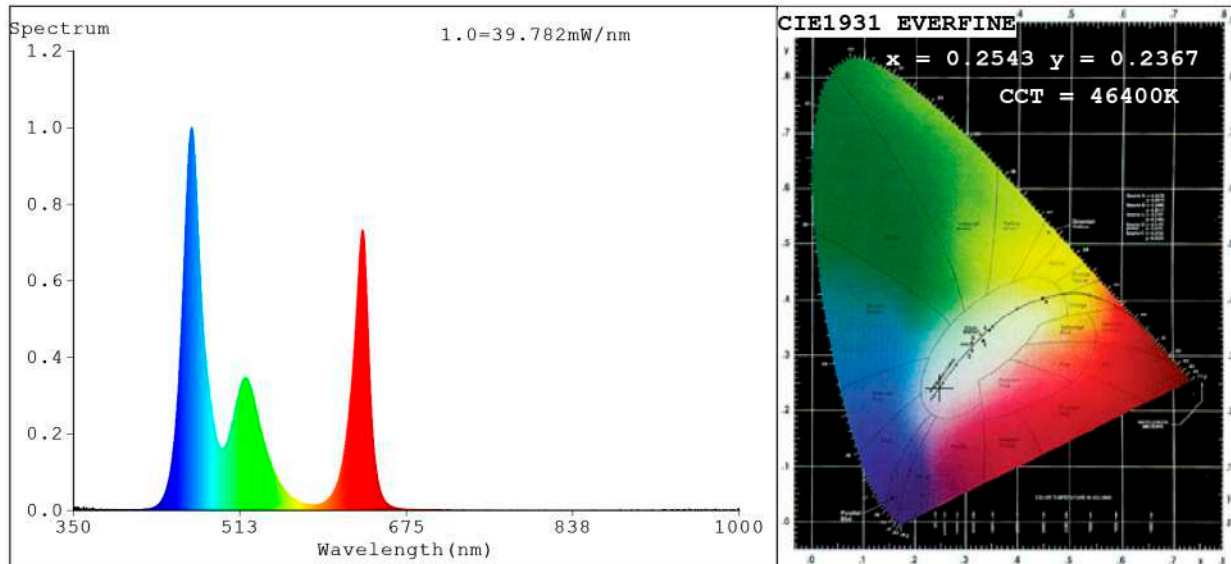


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Spectrum Test Report



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:

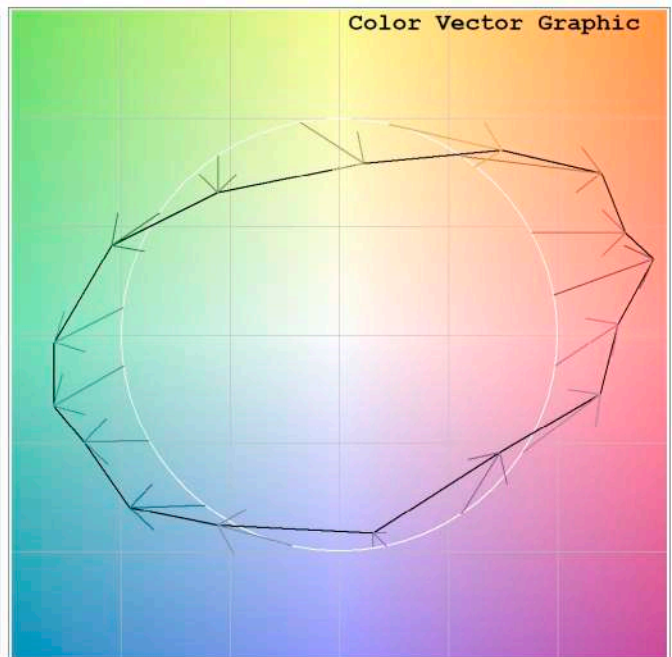
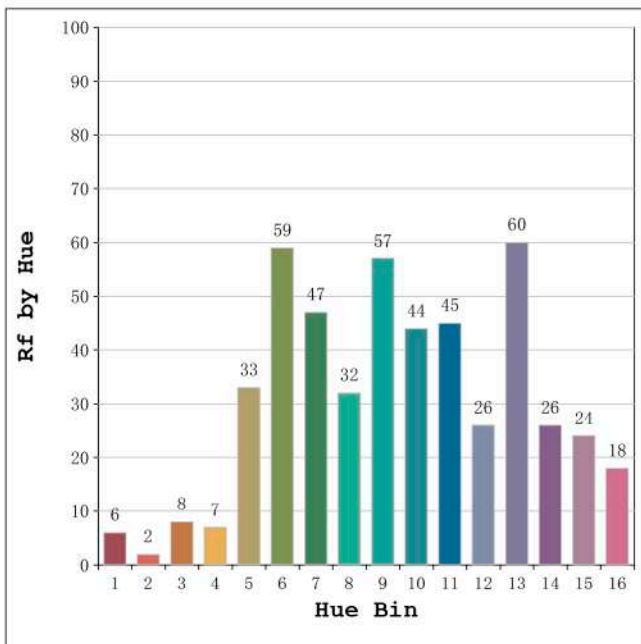
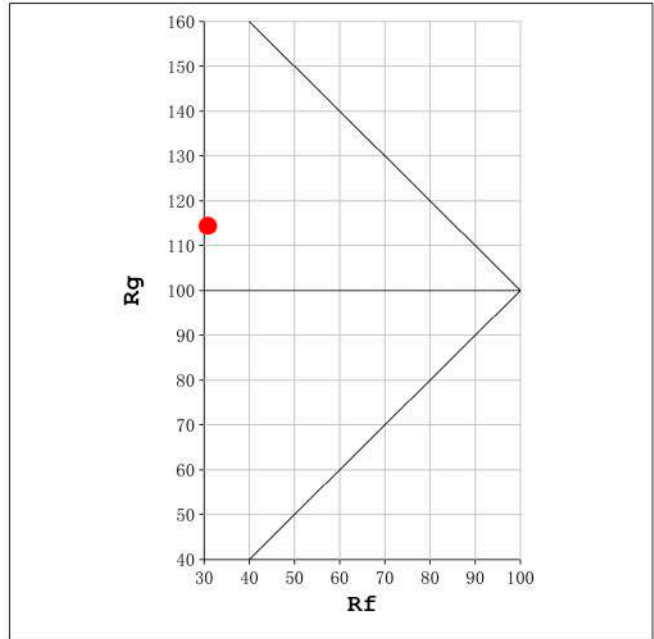
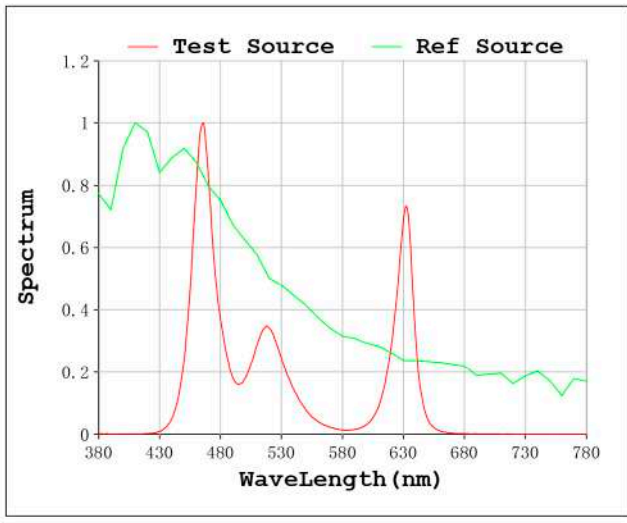
V = 11.998 V I = 1.115 A P = 13.38 W PF = 1.000

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

Model:Ecoled Iron 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

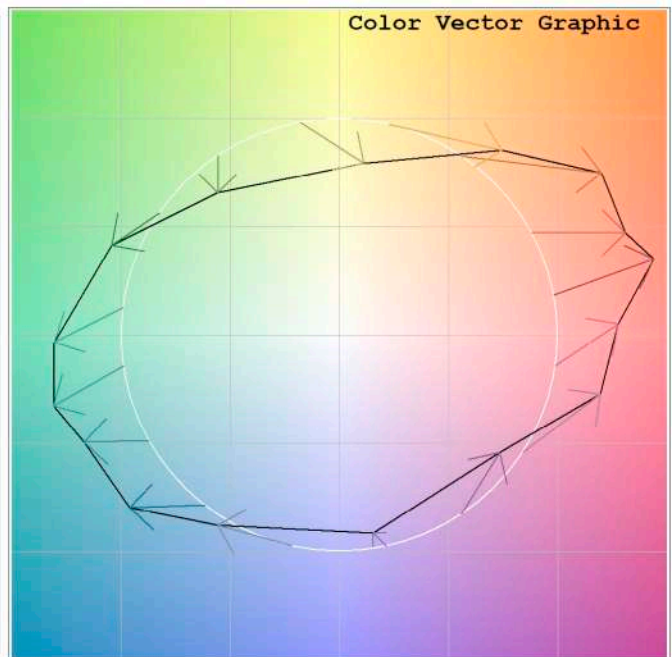
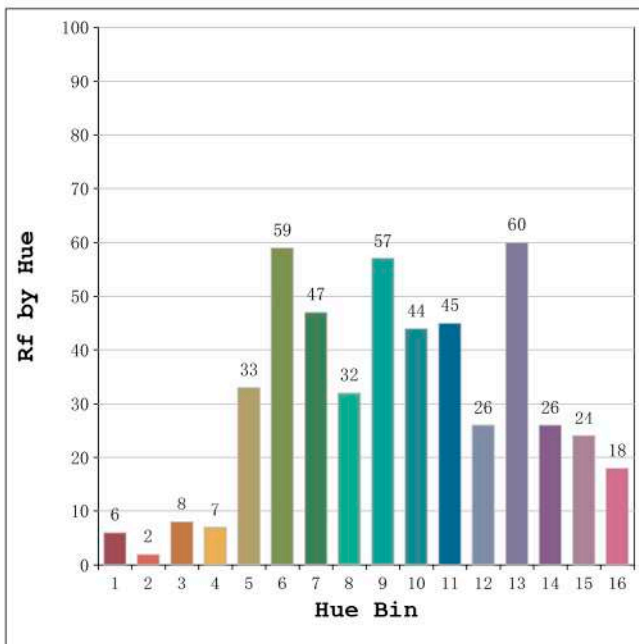
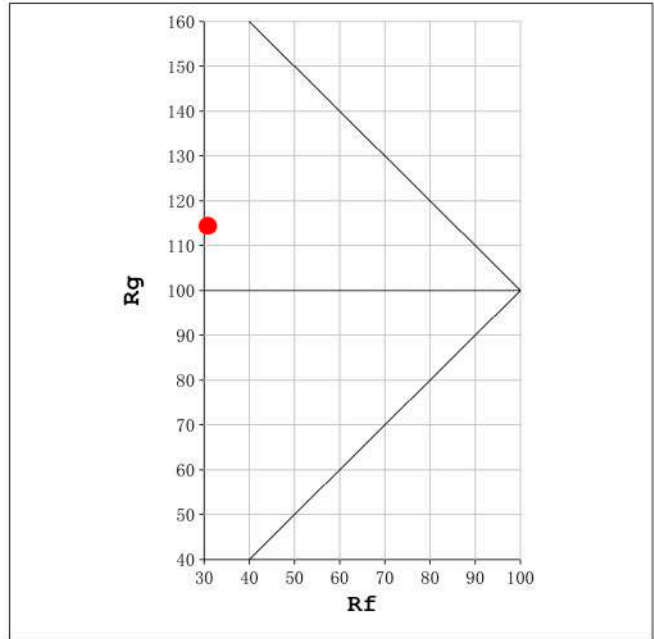
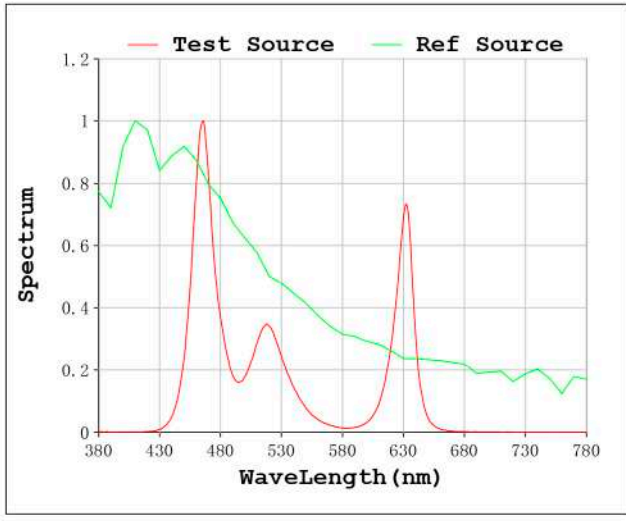
Rf: 31 CCT: 46400 K u': 0.1908
Rg: 114 Duv: -0.0097 v': 0.3996



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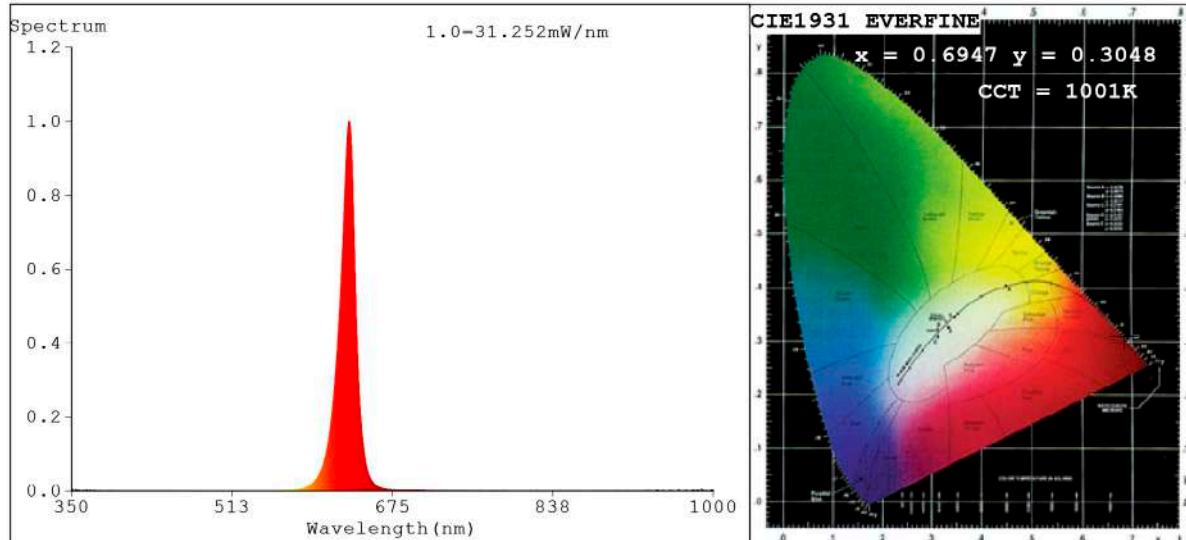
Rf: 31 CCT: 46400 K u': 0.1908
Rg: 114 Duv: -0.0097 v': 0.3996



Model:Ecoled Iron R+G+B
Tester:Sergio Carneros
Temperature:21Deg
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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: $L_d = 621.9\text{nm}$ Purity=99.9%
 Ratio: R=96.0% G=4.0% B=0.0% ; Peak WL: $L_p = 631.2\text{nm}$ 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:

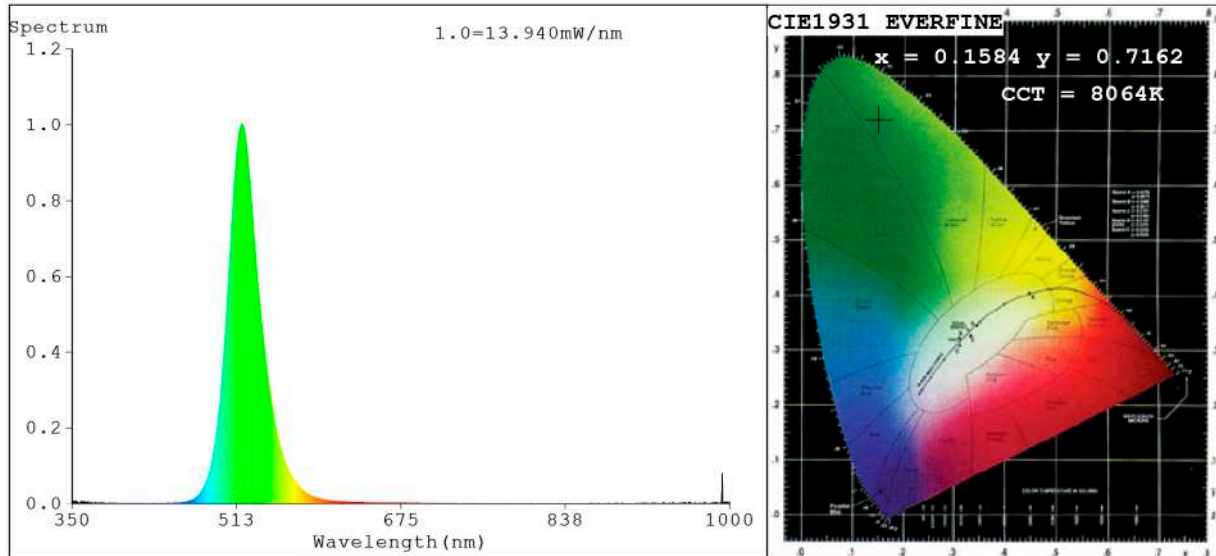
V = 11.998 V I = 0.3876 A P = 4.650 W PF = 1.000

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: $\lambda_d = 524.1\text{nm}$ Purity=77.3%
 Ratio: R=0.3% G=96.9% B=2.8% ; Peak WL: $\lambda_p = 517.4\text{nm}$ FWHM=33.3nm
 Render Index: Ra=0.0 CRI=2.9 TM30: Rf=0 Rg=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 Fe = 551.5 mW Scotopic: 770.55 S/P: 3.0144

Electrical parameters:

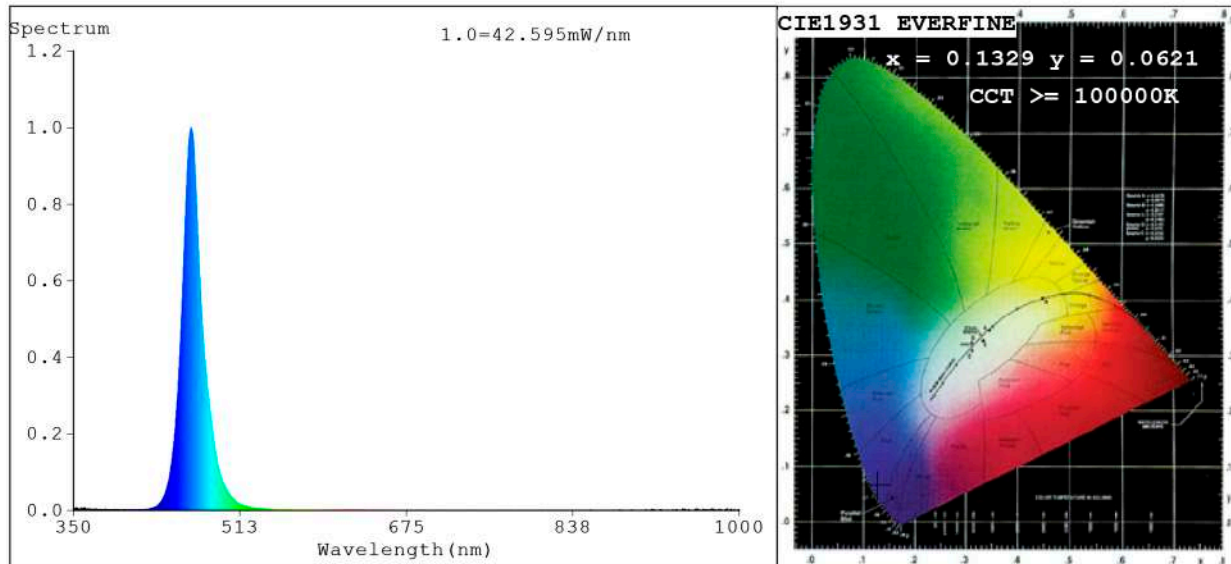
V = 11.998 V I = 0.3861 A P = 4.632 W PF = 1.000

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

Model: Ecoled Iron 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