

LED DIGITAL

MALDIVAS

TIRAS FLEXIBLES

Ref: 35.010

RGB+W (6000K) DIGITAL

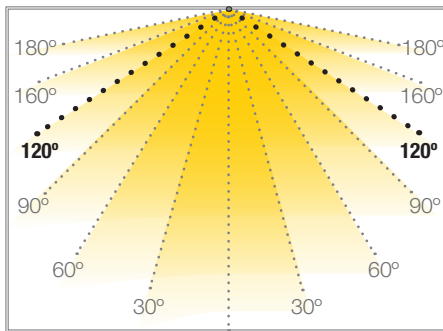
Tira flexible con led digital **RGBW** serie "PRO"
IP20 con 60 leds/metro y cortable cada 3 leds.
Requiere uso de led profile para disipación.

PCB de 10 mm.

Máxima conexión en circuito abierto: 5m

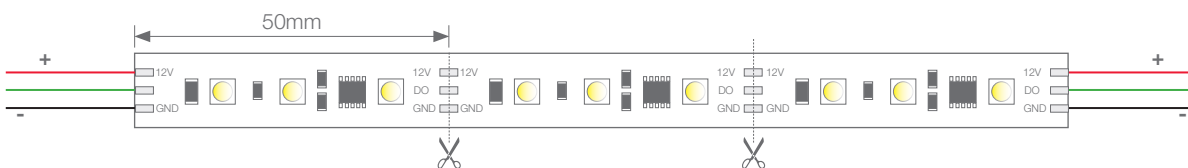
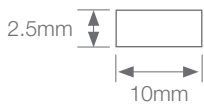
Vida útil: 50.000h*

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



Potencia (W)	20W/m
Voltaje (V)	12V
Tipo de IC	WS2814
Lumens	800 Lm/m
CRI	>70
Control del led	3 leds
Emisión de luz	120°
Estanqueidad (IP)	IP20
Nº leds/m	60
Medidas	5000x10x2.5mm
Cortable	cada 50mm
PCB	10mm
Temperatura trabajo	-20°C / +60°C
Apto para	interior
Embalaje	1 rollo/5m
Garantía	3 años

Aprobado por: 

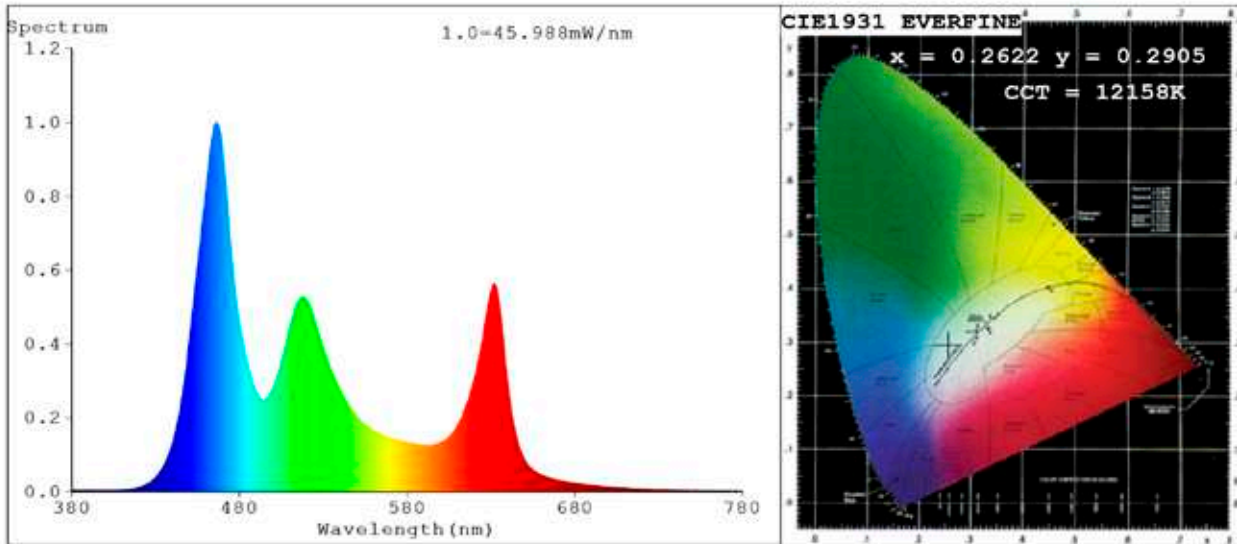


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2622$ $y=0.2905$ / $u'=0.1759$ $v'=0.4386$
 CCT=12158K (Duv=0.0128) Dominant WL:Ld =483.5nm Purity=27.6%
 Ratio:R=16.7% G=72.3% B=11.0%;; Peak WL:Lp=465.9nm FWHM=26.2nm
 Render Index:Ra=74.6 CRI=68.0 TM30:Rf=68 Rg=103
 R1 =71 R2 =78 R3 =83 R4 =78 R5 =81 R6 =76 R7 =73
 R8 =56 R9 =0 R10=48 R11=81 R12=68 R13=69 R14=89 R15=61

Photo Parameters:

Flux = 868.2 lm Eff. : 57.65 lm/W Fe = 3.420 W Scotopic:2994.3 S/P:3.449

Electrical parameters:

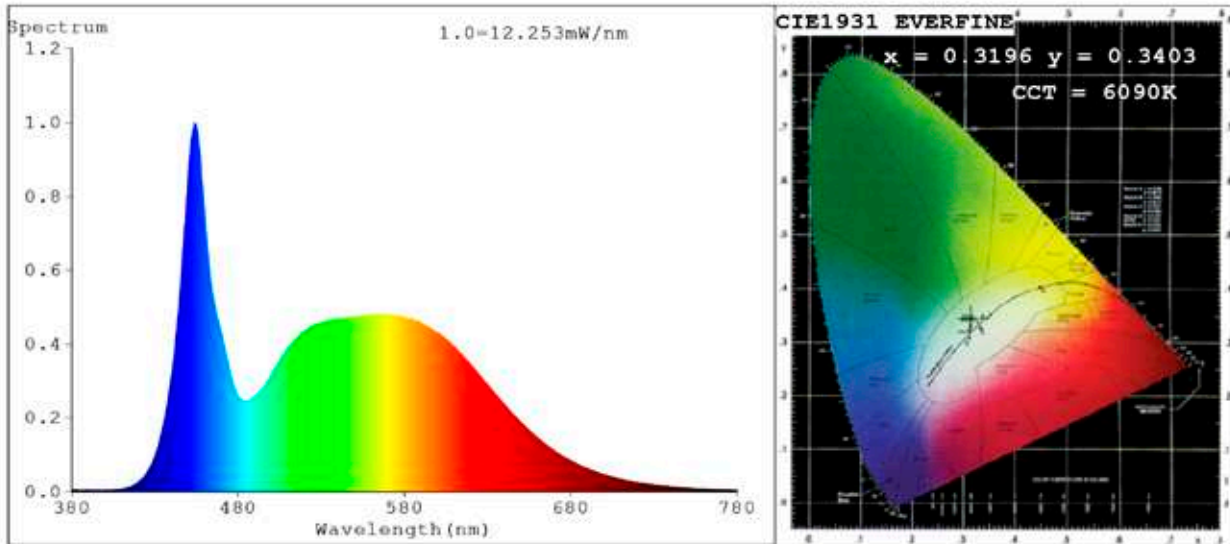
V = 11.998 V I = 1.255 A P = 15.06 W PF = 1.000

Status: Integral T = 526 ms Ip = 33026 (50%)

Model:Ecoled maldivas
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number:35.010 RGBW
 Date:2022-04-05 16:27:20
 Humidity:50%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3196$ $y=0.3403$ / $u'=0.1984$ $v'=0.4752$
 CCT=6090K (Duv=0.0055) Dominant WL: $L_d = 498.3\text{nm}$ Purity=4.3%
 Ratio: R=13.7% G=80.8% B=5.5% ; Peak WL: $L_p=453.9\text{nm}$ FWHM=21.8nm
 Render Index: Ra=82.7 CRI=75.1 TM30: Rf=81 Rg=93
 R1 =80 R2 =89 R3 =93 R4 =80 R5 =81 R6 =84 R7 =87
 R8 =67 R9 =3 R10=72 R11=79 R12=56 R13=83 R14=96 R15=75

Photo Parameters:

Flux = 382.1 lm Eff. : 78.70 lm/W Fe = 1.208 W Scotopic: 839.92 S/P: 2.1985

Electrical parameters:

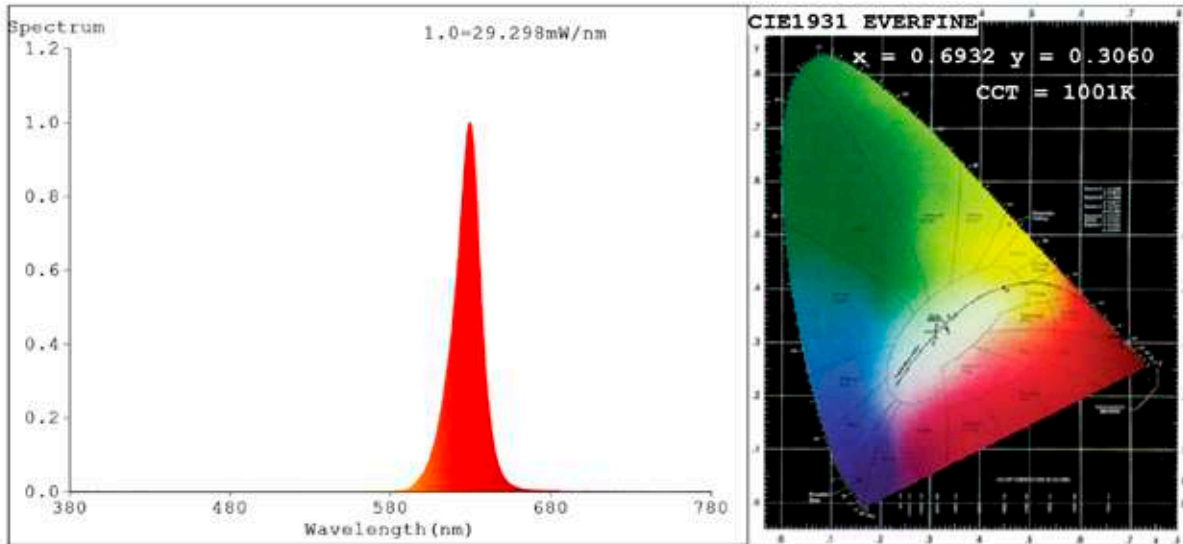
V = 11.998 V I = 0.4046 A P = 4.854 W PF = 1.000

Status: Integral T = 3318 ms Ip = 49643 (76%)

Model: Ecoled maldivas
 Tester: Sergio Carneros
 Temperature: 20Deg
 Manufacturer: Luz Negra

Number: 35.010 W
 Date: 2022-04-05 16:28:14
 Humidity: 50%
 Remarks: 100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6932$ $y=0.3060$ / $u'=0.5246$ $v'=0.5210$
 CCT=1001K(Duv=-0.0770) Dominant WL:Ld =621.2nm Purity=99.8%
 Ratio:R=97.2% G=2.8% B=0.0%;;Peak WL:Lp=629.3nm FWHM=17.5nm
 Render Index:Ra=25.1 CRI=31.3 TM30:Rf=5 Rg=-1
 R1 =4 R2 =78 R3 =27 R4 =0 R5 =0 R6 =90 R7 =1
 R8 =0 R9 =0 R10=72 R11=0 R12=79 R13=29 R14=58 R15=0

Photo Parameters:

Flux = 129.4 lm Eff. : 26.67 lm/W Fe = 616.0 mW Scotopic:7.1164 S/P:0.055002

Electrical parameters:

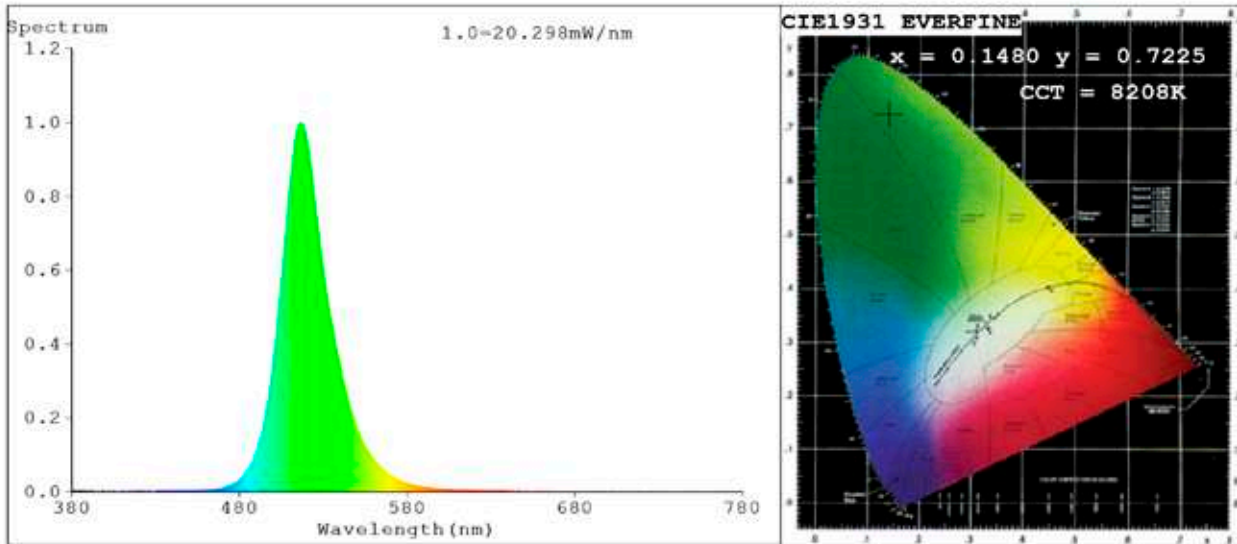
V = 11.998 V I = 0.4044 A P = 4.852 W PF = 1.000

Status: Integral T = 1000 ms Ip = 43909 (67%)

Model:Ecoled maldivas
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number:35.010 R
 Date:2022-04-05 16:28:50
 Humidity:50%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1480$ $y=0.7225$ / $u'=0.0521$ $v'=0.5717$
 CCT=8208K (Duv=0.1633) Dominant WL:Ld =522.8nm Purity=78.0%
 Ratio:R=0.2% G=97.2% B=2.6%;; Peak WL:Lp=516.3nm FWHM=29.7nm
 Render Index:Ra=0.0 CRI=2.7 TM30:Rf=0 Rg=7
 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=37 R15=0

Photo Parameters:

Flux = 335.4 lm Eff. : 69.06 lm/W Fe = 727.5 mW Scotopic:1039.8 S/P:3.1

Electrical parameters:

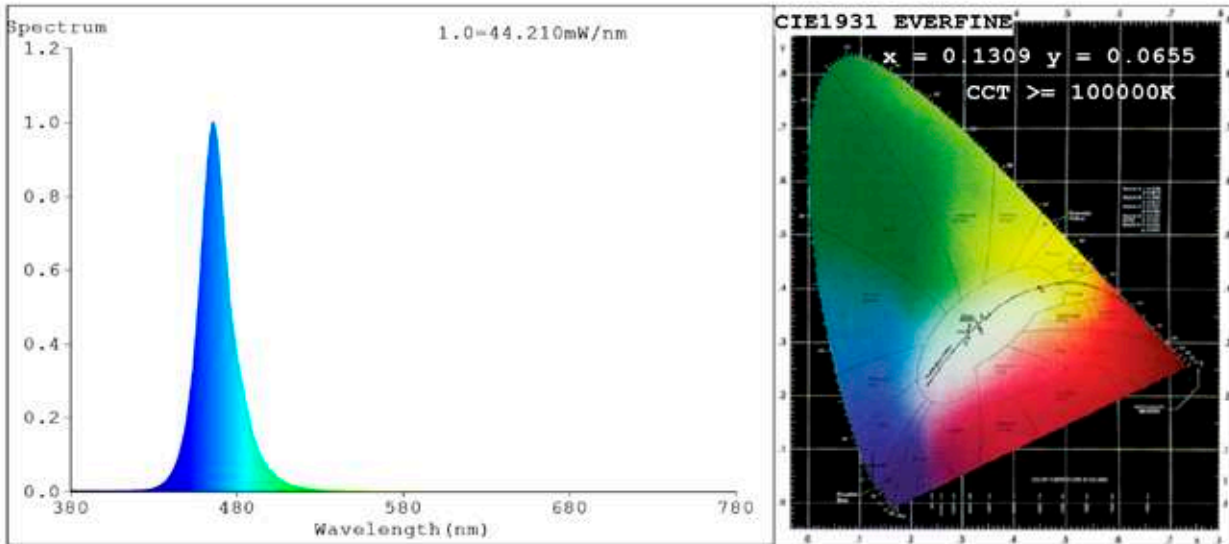
V = 11.998 V I = 0.4048 A P = 4.857 W PF = 1.000

Status: Integral T = 1000 ms Ip = 37664 (57%)

Model:Ecoled maldivas
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number:35.010 G
 Date:2022-04-05 16:29:17
 Humidity:50%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1309$ $y=0.0655$ / $u'=0.1486$ $v'=0.1672$
 CCT=100000K (Duv=0.1578) Dominant WL:Ld =469.8nm Purity=97.0%
 Ratio:R=0.2% G=14.8% B=85.0%;; Peak WL:Lp=465.9nm FWHM=19.6nm
 Render Index:Ra=0.1 CRI=0.0 TM30:Rf=0 Rg=-45
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =1 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

Photo Parameters:

Flux = 78.45 lm Eff. : 16.11 lm/W Fe = 1.099 W Scotopic:1217.3 S/P:15.516

Electrical parameters:

V = 11.998 V I = 0.4059 A P = 4.870 W PF = 1.000

Status: Integral T = 885 ms Ip = 52836 (81%)

Model:Ecoled maldivas
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number:35.010 B
 Date:2022-04-05 16:30:19
 Humidity:50%
 Remarks:100cm de tira flexible