

HIGH BRIGHTNESS

RGB FLEXIBLE PANEL

FLEXIBLE PANEL

Ref: 46.001

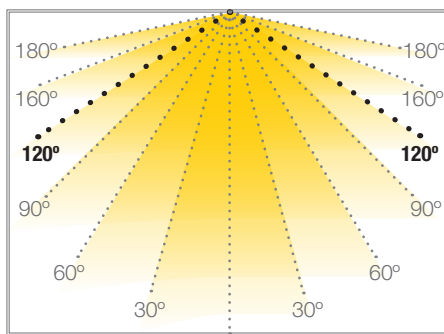
RGB

Flexible RGB panel for indoor use (480x240mm) which can be cut in to 27 modules of 80x53mm (6 leds/ module).

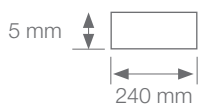
It is specially recommended for backlighting (luminaires and lightboxes).

It has fast connectors to put various panels together without welding.

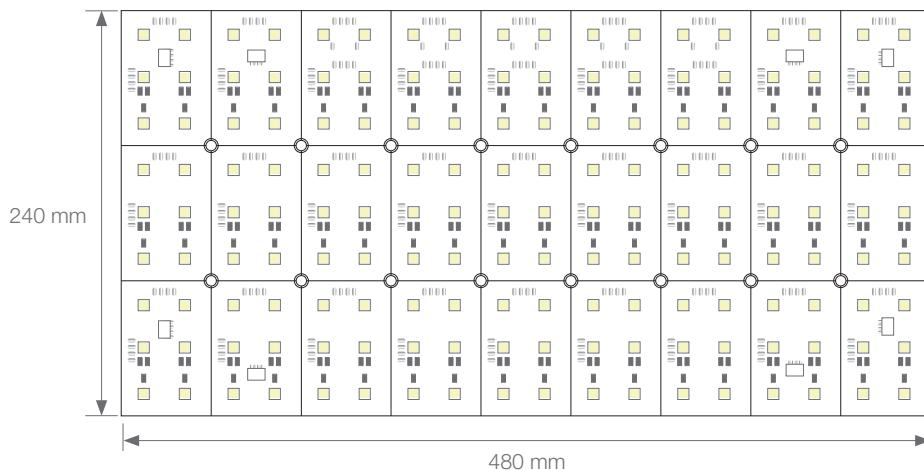
We can connect up to 10 panels in series



Power (W)	18W/u
Voltage (V)	24V
Led type	5050
Lumens	833 Lm/u
Light emission	120°
Waterproofing	IP20
N° leds/m	162
Measurements	480x240x5mm
Cuttable	it is cuttable basing on the cutting line
PCB	480x240mm
Working temperature	-25°C / +60°C
Apt for	indoor
Packaging	1 unit
Guarantee	2 years



Aprobado por: 

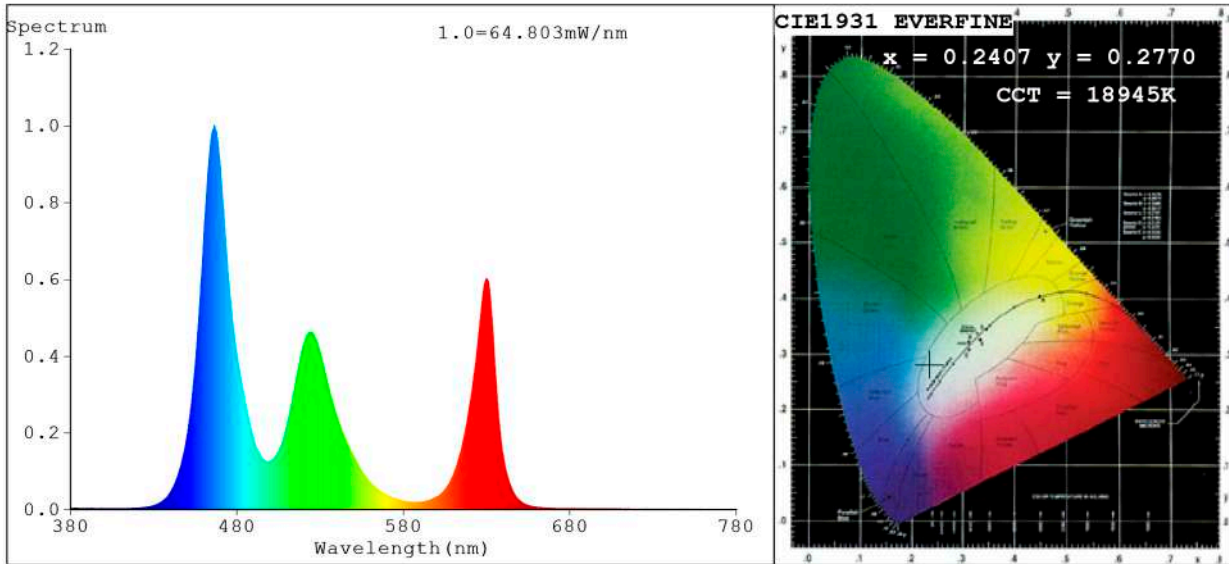


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2407$ $y=0.2770$ $u'=0.1648$ $v'=0.4267$
 CCT=18945K (Duv=0.0204) Dominant WL:Ld =483.4nm Purity=36.0%
 Ratio:R=18.0% G=69.2% B=12.7%;;Peak WL:Lp=466.3nm FWHM=20.0nm
 Render Index:Ra=66.5 CRI=61.6 TM30:Rf=55 Rg=103
 R1 =60 R2 =72 R3 =83 R4 =74 R5 =79 R6 =73 R7 =62
 R8 =30 R9 =0 R10=43 R11=81 R12=62 R13=57 R14=87 R15=40

Photo Parameters:

Flux = 833.2 lm Eff. : 46.32 lm/W Fe = 3.416 W Scotopic:3205.7 S/P:3.8475

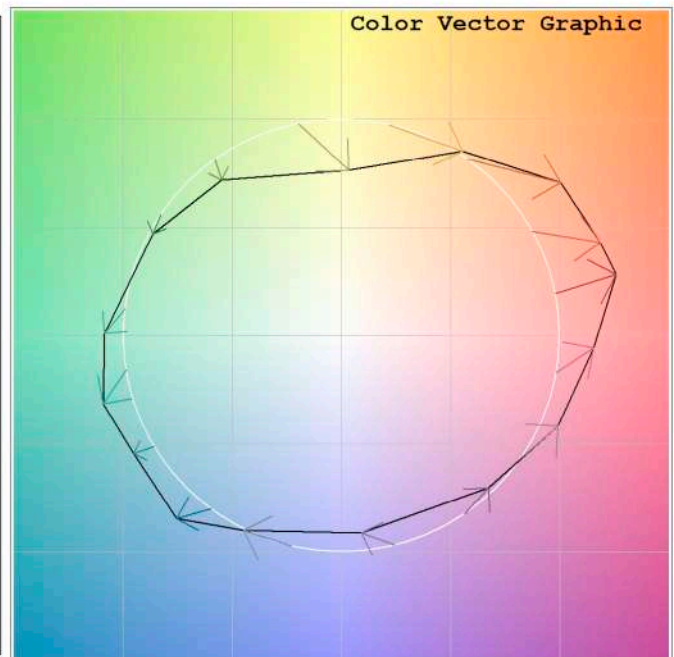
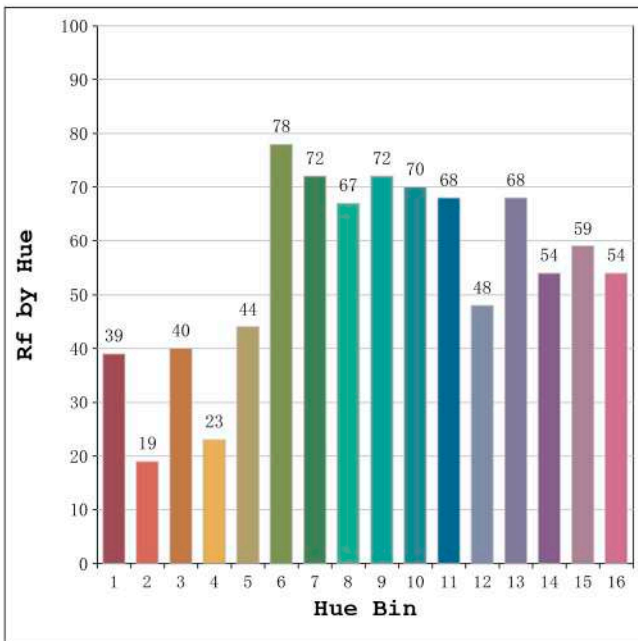
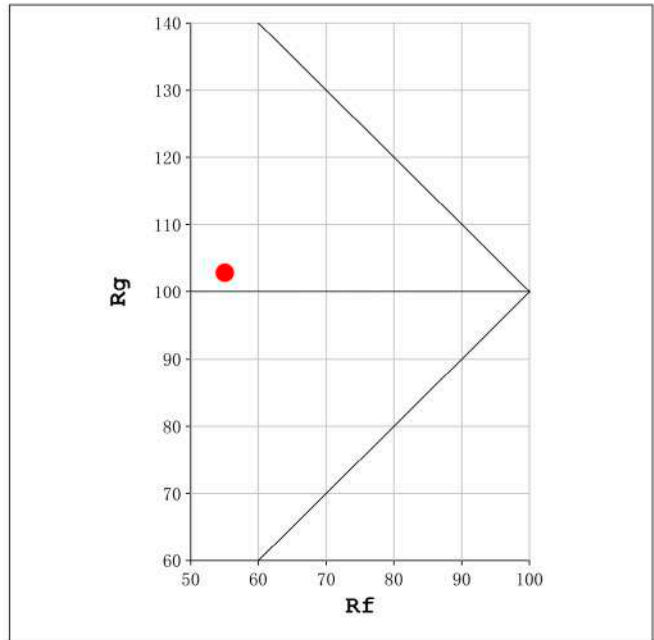
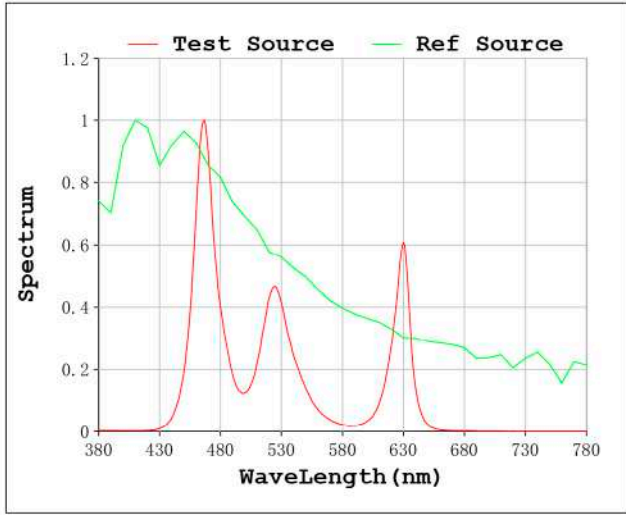
Electrical parameters:

V = 23.998 V I = 0.7496 A P = 17.99 W PF = 1.000

Status: Integral T = 352 ms Ip = 40427 (62%)

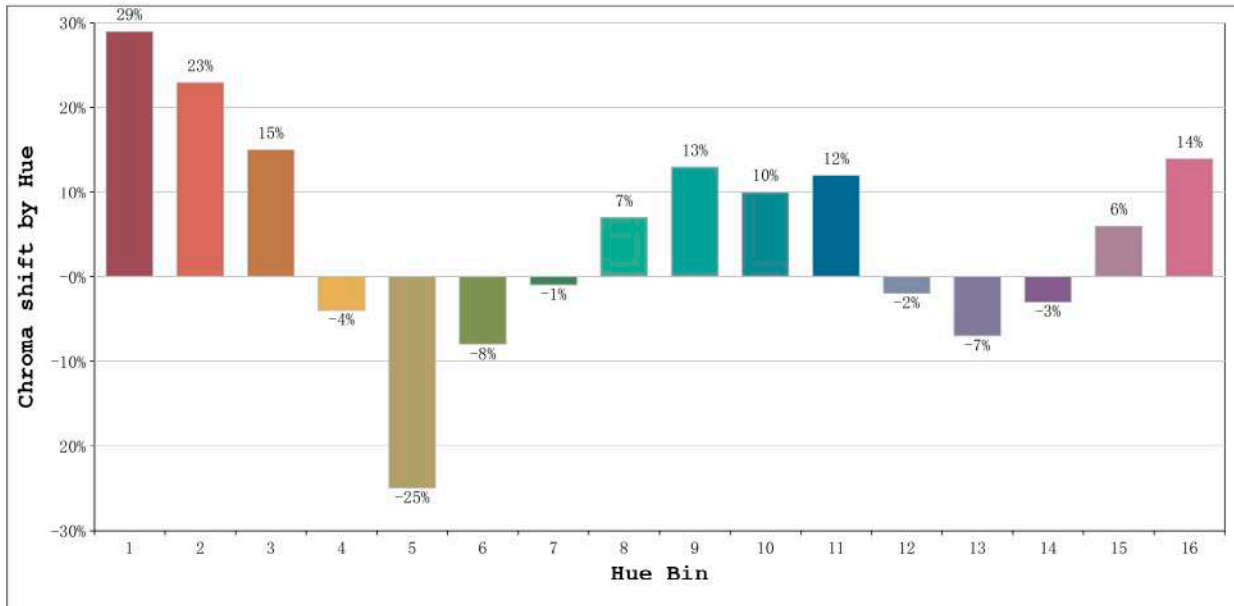
Model:Ecoled Panel Flexible RGB Number: 46.001
 Tester:Sergio Carneros Date:
 Temperature:20Deg Humidity:50%
 Manufacturer:Luz Negra Remarks:1 panel de 480x240mm

Rf: 55 CCT: 18945 K u': 0.1648
Rg: 103 Duv: 0.0204 v': 0.4267



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Tester:Sergio Careros
Temperature:20Deg
Manufacturer:Luz Negra

Number: 46.001
Date:
Humidity:50%
Remarks:1 panel de 480x240mm



Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	39	29	3
2	22.5° - 45.0°	19	23	-21
3	45.0° - 67.5°	40	15	-40
4	67.5° - 90.0°	23	-4	-34
5	90.0° - 112.5°	44	-25	-17
6	112.5° - 135.0°	78	-8	3
7	135.0° - 157.5°	72	-1	9
8	157.5° - 180.0°	67	7	13
9	180.0° - 202.5°	72	13	14
10	202.5° - 225.0°	70	10	-1
11	225.0° - 247.5°	68	12	-10
12	247.5° - 270.0°	48	-2	-22
13	270.0° - 292.5°	68	-7	-13
14	292.5° - 315.0°	54	-3	16
15	315.0° - 337.5°	59	6	21
16	337.5° - 360.0°	54	14	15

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