

MEDIUM BRIGHTNESS

BOXLED MONOCOLOR

RIGID STRIP

Ref: 37.013

6500°K

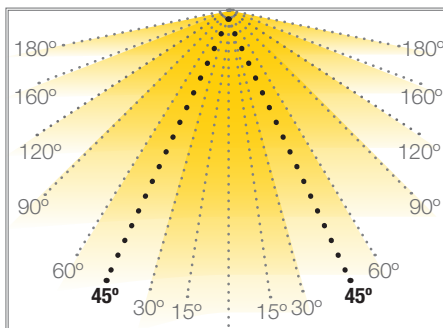
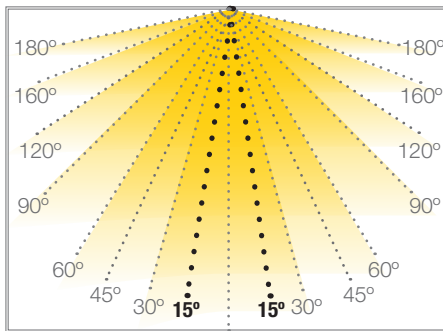
Single coloured rigid led strip (cuttable) "PRO" series, IP65 with 9 SMD leds.

15°/45° asymmetrical optics for wallwashing.

For a correct dissipation of this model, a led profile and heat dissipation tape will be required.

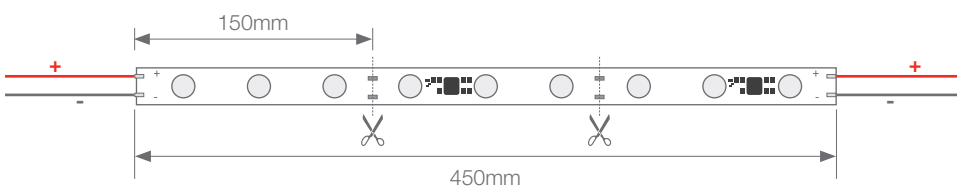
We need to apply thermal dissipation tape.

Daily recommended use: 18h



Power (W)	12W
Voltage (V)	12V
Lumens (6500°K)	1200Lm
Efficiency	100 Lm/W
Colour temperature	6500°K
Light emission	15°/ 45° asymmetric
Waterproofing (IP)	IP65
Measurements	450x22x16mm
Cuttable	cada 150mm (3 leds)
Working temperature	-20°C / +50°C
Converter	not included
Fixing	screw
Packaging	1 unit
Guarantee	2 years

Aprobado por: 

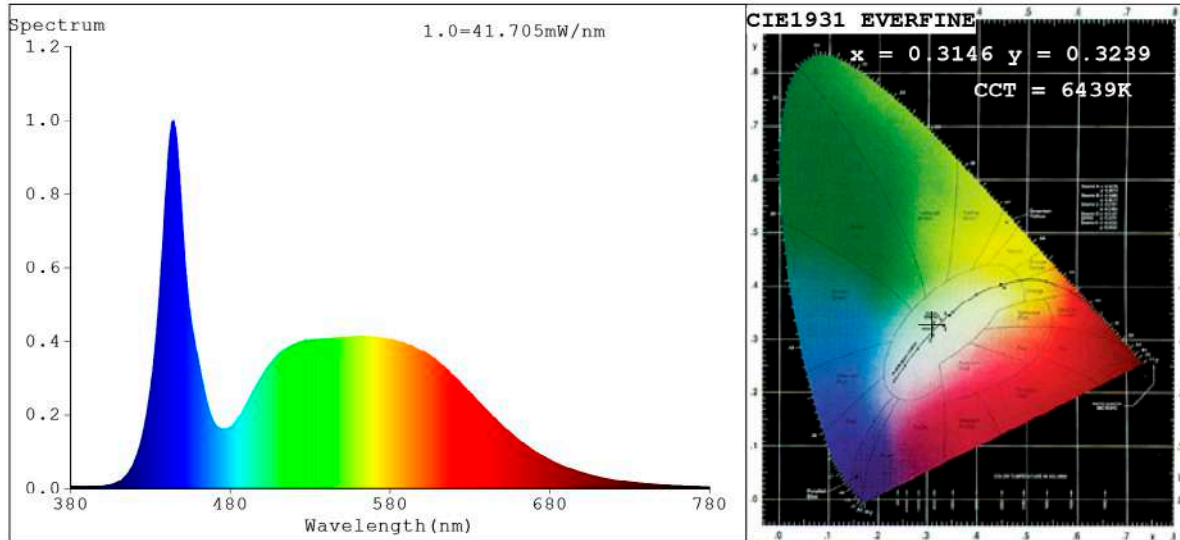


BARCELONA
C/ Carles Buigues, 13
08420 Canovelles
Info@luznegra.net
Tel: +34 938 402 598

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: $x=0.3146$ $y=0.3239/u'=0.2011$ $v'=0.4658$
 CCT=6439K (Duv=-0.0004) Dominant WL:Ld =485.0nm Purity=7.1%
 Ratio:R=13.9% G=81.1% B=4.9%;;Peak WL:Lp=444.3nm FWHM=19.0nm
 Render Index:Ra=82.3 CRI=76.0 TM30:Rf=80 Rg=98
 R1 =83 R2 =84 R3 =85 R4 =84 R5 =85 R6 =80 R7 =85
 R8 =74 R9 =16 R10=62 R11=86 R12=66 R13=82 R14=91 R15=79

Photo Parameters:

Flux = 1131 lm Eff. : 102.23 lm/W Fe = 3.732 W Scotopic:2448.5 S/P:2.1647

Electrical parameters:

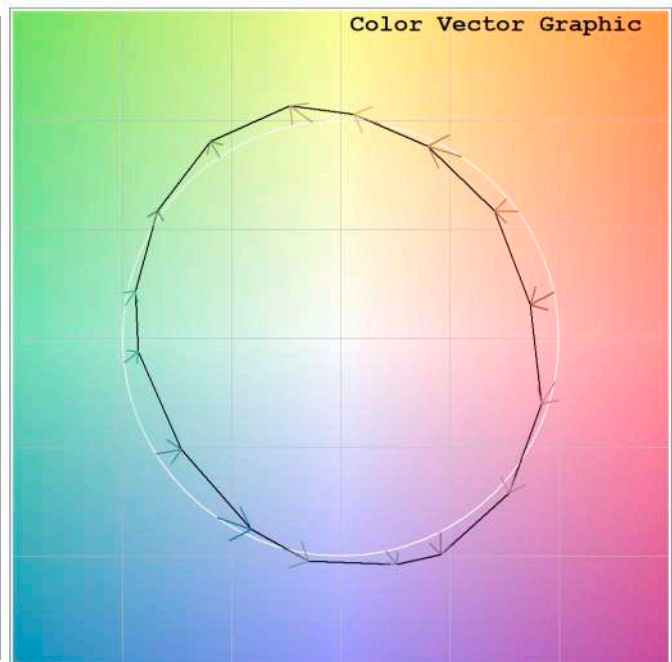
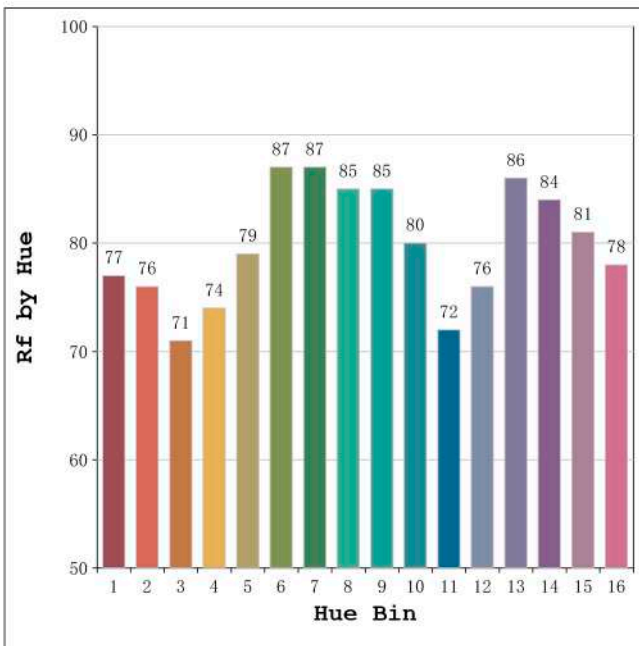
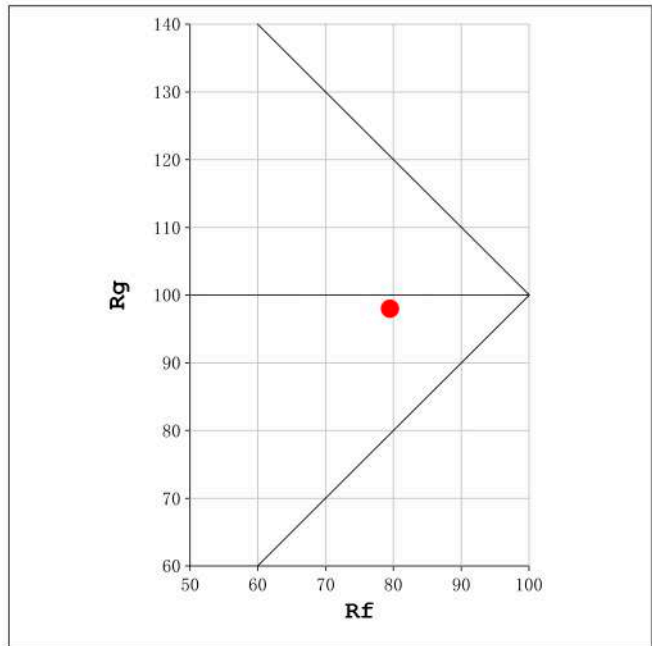
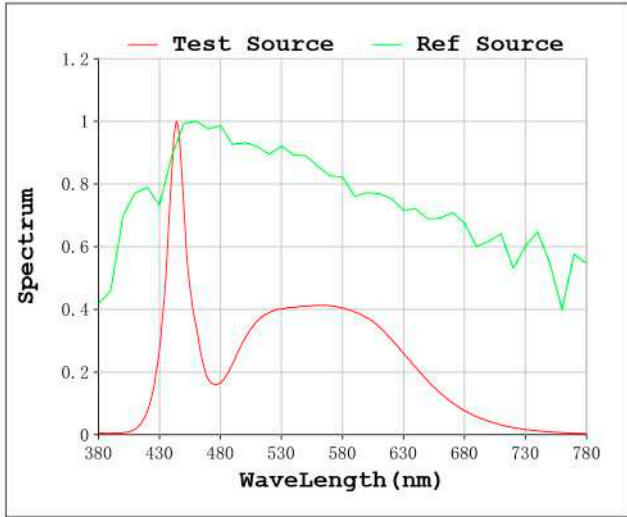
V = 11.998 V I = 0.9222 A P = 11.06 W PF = 1.000

Status: Integral T = 1024 ms Ip = 51501 (79%)

Model:Ecoled Boxled
 Tester:Sergio Carneros
 Temperature:27Deg
 Manufacturer:Luz Negra S.L.

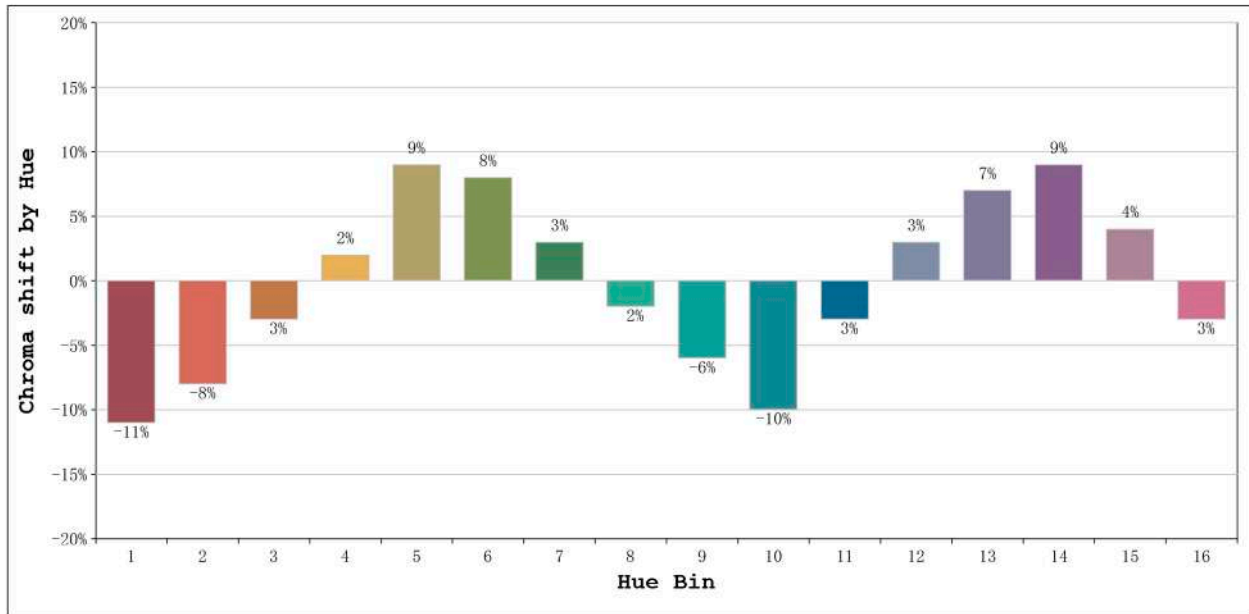
Number: 37.013
 Date:2023-10-03 09:45:09
 Humidity:57%
 Remarks:450mm de modulo

Rf: 80 CCT: 6439 K u': 0.2011
Rg: 98 Duv: -0.0004 v': 0.4658



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Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	77	-11	-2
2	22.5° - 45.0°	76	-8	6
3	45.0° - 67.5°	71	-3	15
4	67.5° - 90.0°	74	2	13
5	90.0° - 112.5°	79	9	9
6	112.5° - 135.0°	87	8	0
7	135.0° - 157.5°	87	3	-6
8	157.5° - 180.0°	85	-2	-7
9	180.0° - 202.5°	85	-6	-3
10	202.5° - 225.0°	80	-10	5
11	225.0° - 247.5°	72	-3	16
12	247.5° - 270.0°	76	3	13
13	270.0° - 292.5°	86	7	4
14	292.5° - 315.0°	84	9	-5
15	315.0° - 337.5°	81	4	-11
16	337.5° - 360.0°	78	-3	-10

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