

HIGH BRIGHTNESS

BOXLED PRO PLUS

RIGID STRIP

Ref: 37.002

6000°K

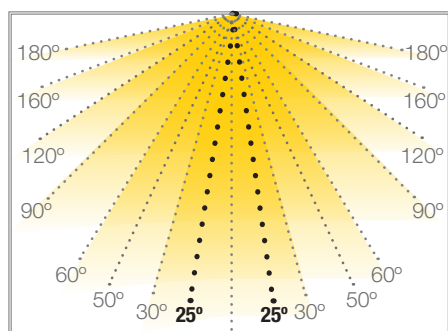
Single coloured rigid led strip (cuttable) "PRO" series, IP20 with 9 SMD leds.

25° symmetrical optics for wallwashing.

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

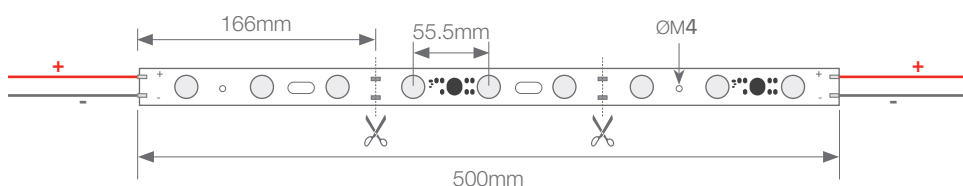
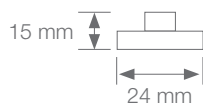
We need to apply thermal dissipation tape.

Daily recommended use: 18h



Power (W)	15W
Voltage (V)	24V
Lumens (6000°K)	1500Lm
Efficiency	96.86 Lm/W
Light emission	25°
Waterproofing (IP)	IP20
CRI	>74
Measurements	500x24x15mm
Cuttable	every 166mm (3 leds)
Working temperature	-25°C / +65°C
Converter	not included
Fixing	screw
Packaging	1 unit
Guarantee	3 years

Approved by:

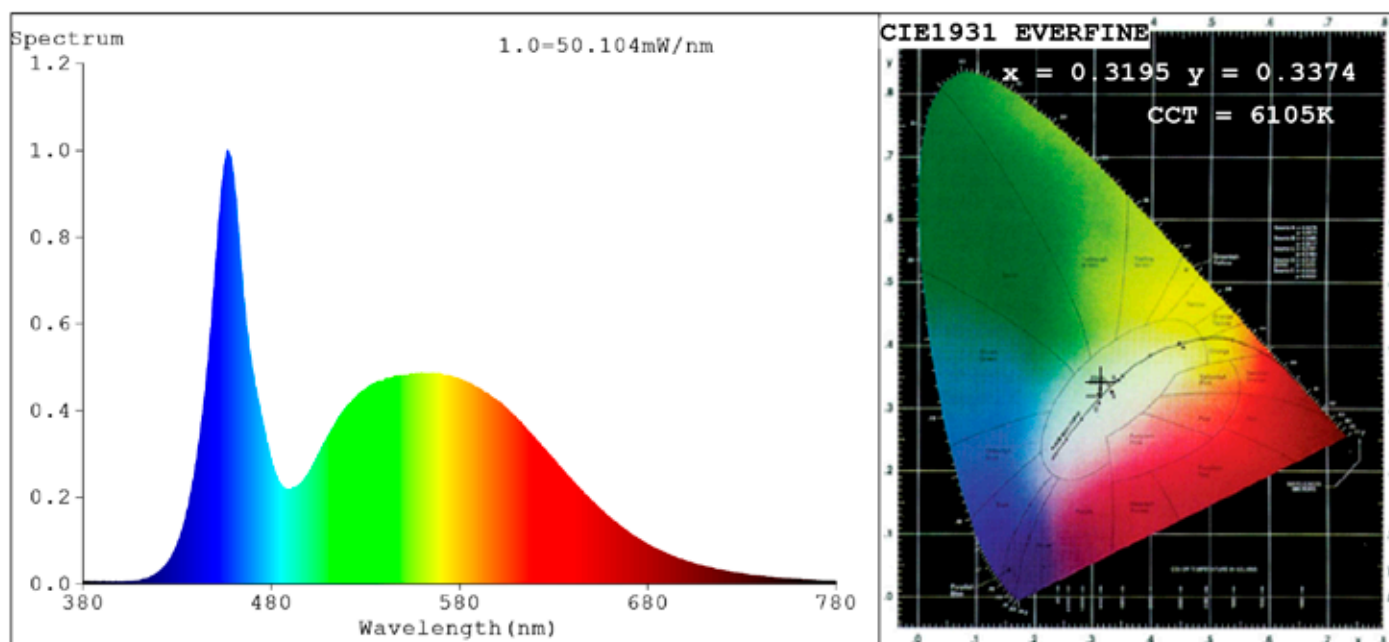


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Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3195$ $y=0.3374$ $u'=0.1994$ $v'=0.4737$

$CCT=6105K$ ($Duv=0.0041$) Dominant WL: $L_d = 495.5nm$ Purity=4.4%

Ratio: $R=13.6\%$ $G=80.8\%$ $B=5.6\%$; Peak WL: $L_p=456.7nm$ FWHM=23.6nm

Render Index: $R_a=81.6$ CRI=73.8 TM30: $R_f=79$ $R_g=92$

$R1 = 80$ $R2 = 89$ $R3 = 92$ $R4 = 77$ $R5 = 79$ $R6 = 82$ $R7 = 87$

$R8 = 67$ $R9 = 4$ $R10 = 71$ $R11 = 75$ $R12 = 52$ $R13 = 83$ $R14 = 96$ $R15 = 76$

Photo Parameters:

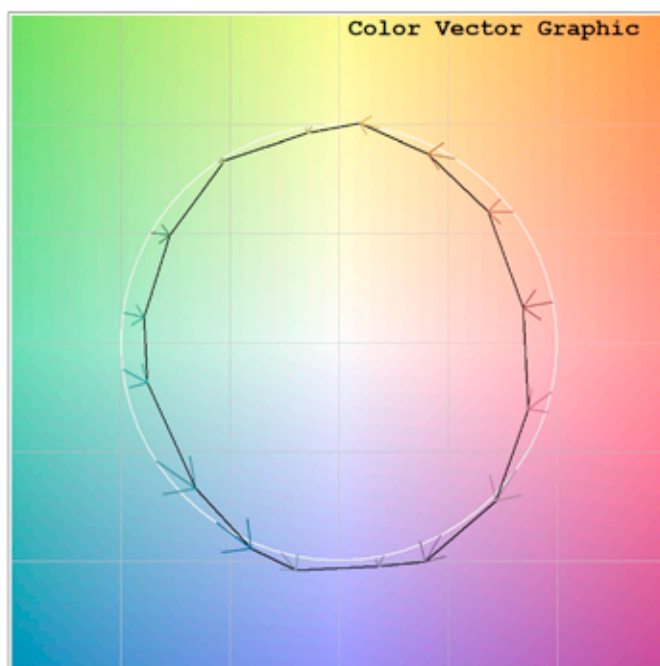
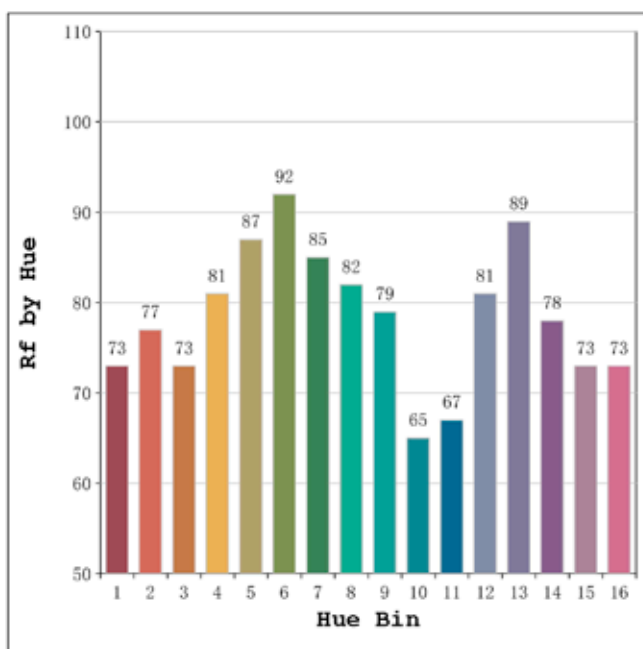
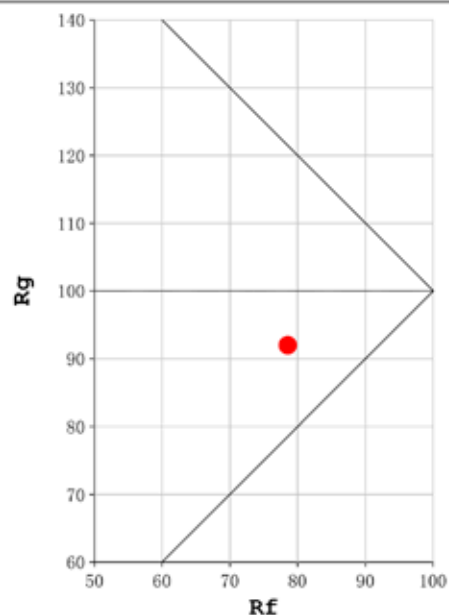
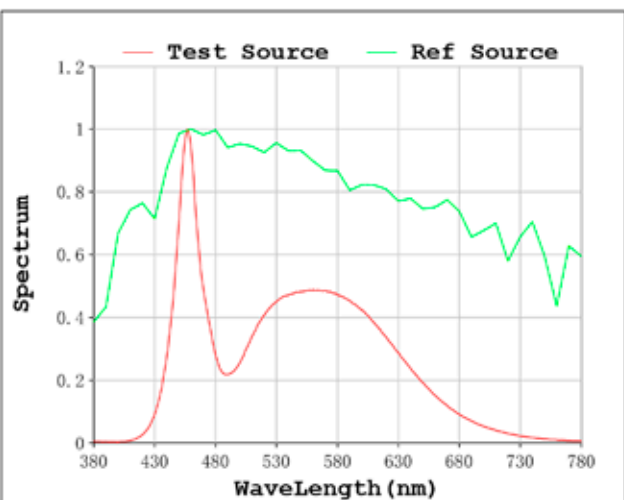
Flux = 1542 lm Eff. : 96.15 lm/W $Fe = 4.916 W$ Scotopic: 3366.6 S/P: 2.18

Electrical parameters:

$V = 23.998 V$ $I = 0.6685 A$ $P = 16.04 W$ PF = 1.000

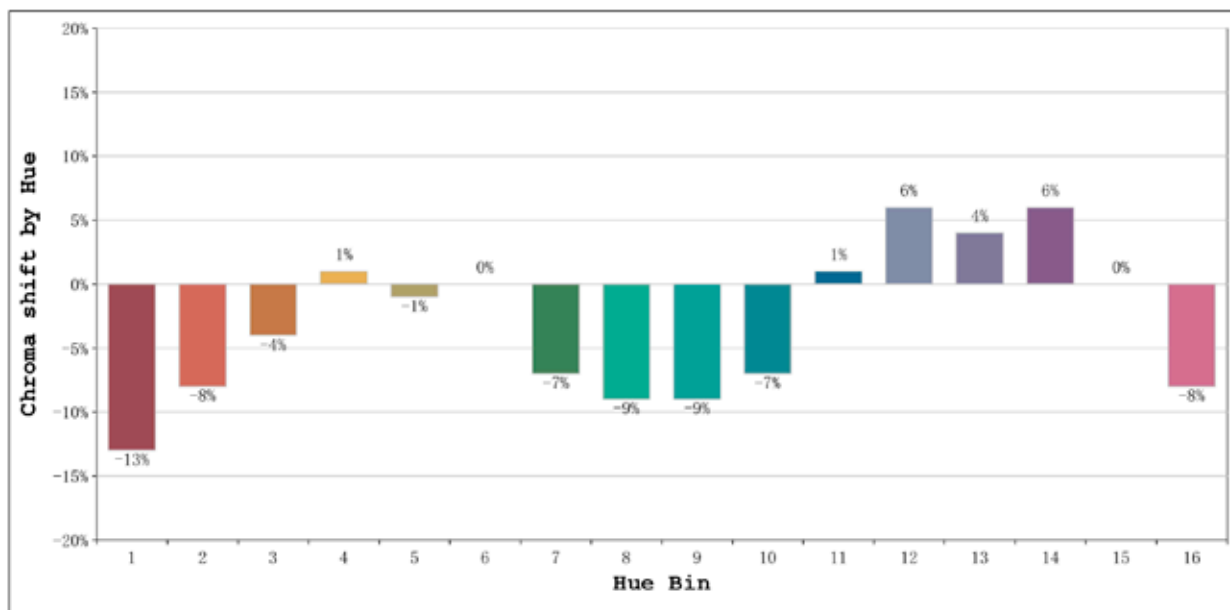
Status: Integral $T = 500 ms$ $I_p = 40064 (61\%)$

Rf: 79 CCT: 6105 K u': 0.1994
Rg: 92 Duv: 0.0041 v': 0.4737



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

Number: 37.002
Date:2023-01-18 11:00:08
Humidity:35%
Remarks:Modulo led de 50cm



			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	73	-13	0
2	22.5° - 45.0°	77	-8	7
3	45.0° - 67.5°	73	-4	12
4	67.5° - 90.0°	81	1	10
5	90.0° - 112.5°	87	-1	3
6	112.5° - 135.0°	92	0	-2
7	135.0° - 157.5°	85	-7	-3
8	157.5° - 180.0°	82	-9	0
9	180.0° - 202.5°	79	-9	8
10	202.5° - 225.0°	65	-7	20
11	225.0° - 247.5°	67	1	20
12	247.5° - 270.0°	81	6	8
13	270.0° - 292.5°	89	4	-3
14	292.5° - 315.0°	78	6	-12
15	315.0° - 337.5°	73	0	-16
16	337.5° - 360.0°	73	-8	-9

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