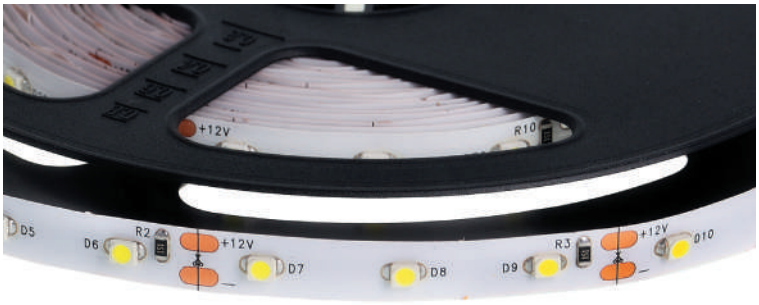
BAJA LUMINOSIDAD | JADE | TIRAS FLEXIBLES

Ref: 30.002 **6500ºK**
Ref: 30.102 **4000ºK**
Ref: 30.003 **3000ºK**



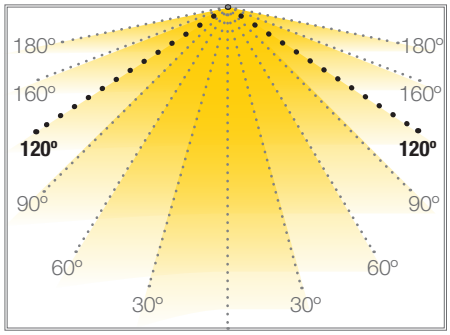
Tira flexible serie "**BASIC**"

IP20 con 60 leds/metro 3528SMD.

PCB 8mm

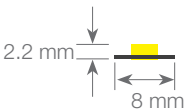
Uso diario máximo recomendado: 18h
Conexión máxima en circuito abierto: 7.5m
Conexión máxima en circuito cerrado: 15m
Vida útil: 30.000h*

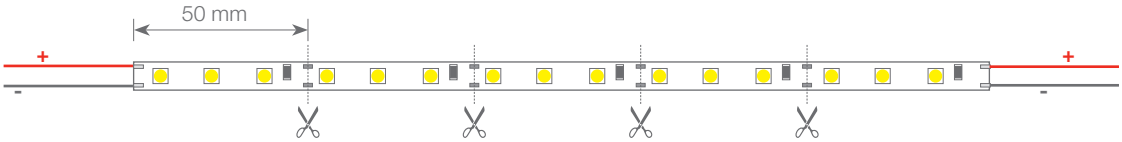
*En función de la disipación del perfil, de las horas diarias trabajadas y de la temperatura externa ambiental de trabajo.



Potencia (W)	4.8W/m
Voltaje (V)	12V
Tipo Led	SMD3528
Lumens (6500ºK)	500 Lm/m
Lumens (4000ºK)	394 Lm/m
Lumens (3000ºK)	400 Lm/m
CRI	>70
Emisión de luz	120º
Estanqueidad (IP)	IP20
Nº leds/m	60
Medidas	5000x8x2.2mm
Cortable	cada 50mm
PCB	8mm
Temperatura trabajo	-20°C / +40°C
Apto para	interior
Embalaje	1 rollo/5m
Garantía	2 años

Aprobado por: CE RoHS COMPLIANT



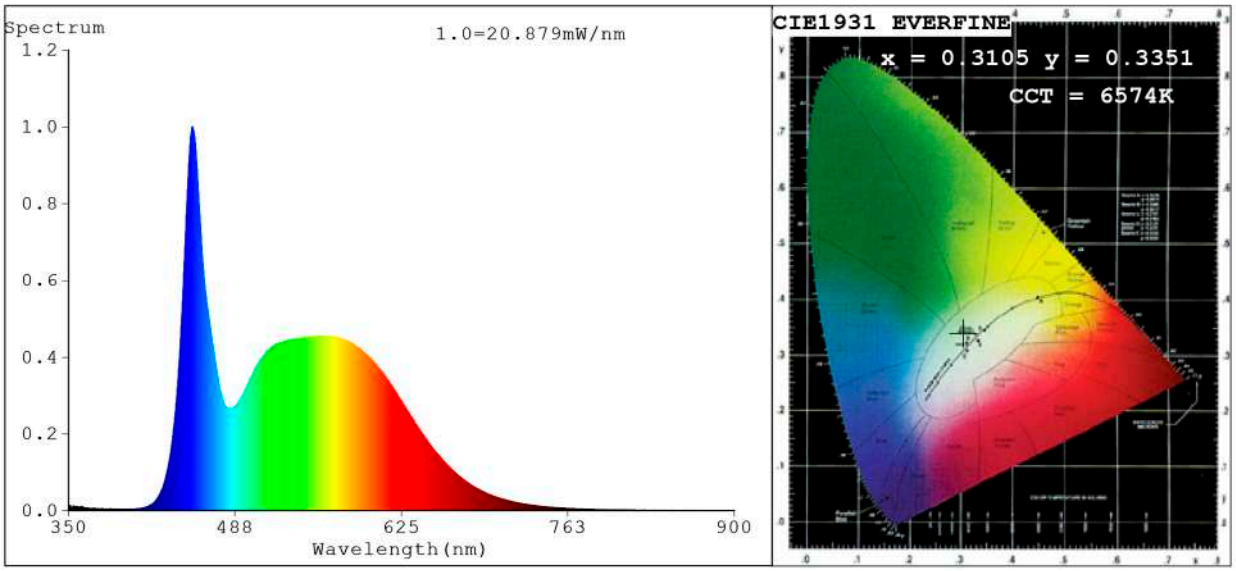


BARCELONA
C/ Carles Buhigues, 13
08420 Canovelles
Info@luznegra.net
Tel: +34 938 402 598

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=0.3105 y=0.3351/u'=0.1941 v'=0.4712

CCT=6574K(Duv=0.0074) Dominant WL:Ld =492.7nm Purity=7.6%

Ratio:R=13.0% G=81.0% B=6.0%¡¡Peak WL:Lp=452.5nm FWHM=22.6nm

Render Index:Ra=82.7 CRI=75.0 TM30:Rf=81 Rg=92

R1 =80	R2 =89	R3 =94	R4 =80	R5 =81	R6 =84	R7 =88	
R8 =67	R9 =0	R10=73	R11=79	R12=56	R13=83	R14=97	R15=74

Photo Parameters:

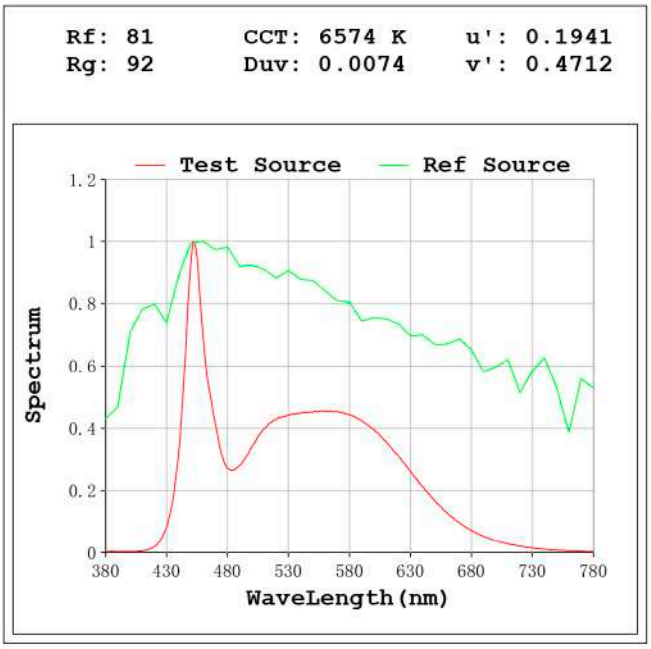
Flux = 621.8 lm Eff. : 131.80 lm/W Fe = 1.987 W Scotopic:1431.9 S/P:2.303

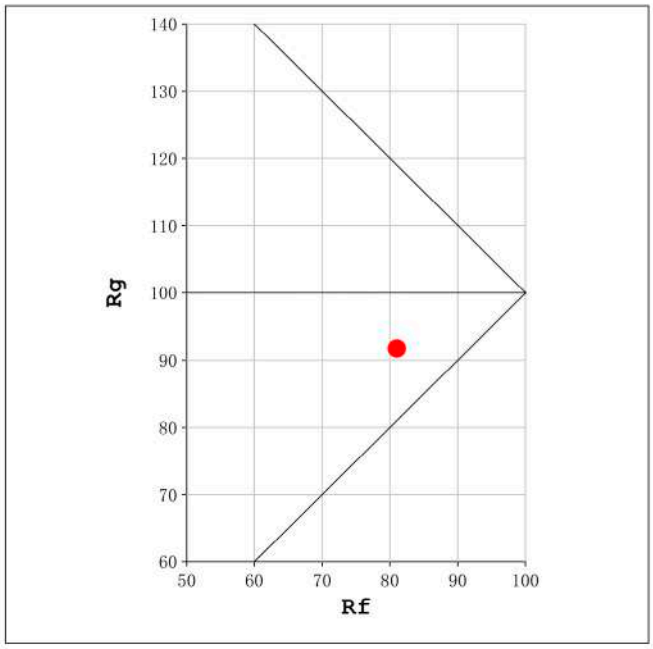
Electrical parameters:

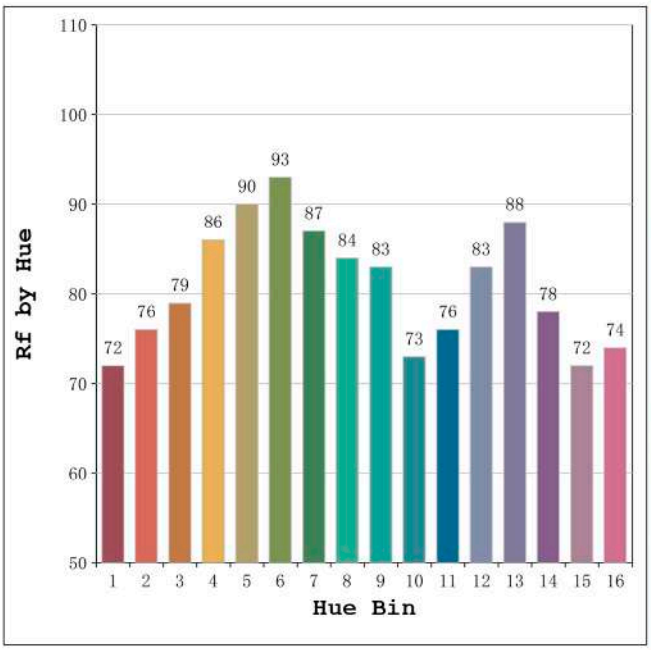
V = 11.998 V I = 0.3932 A P = 4.718 W PF = 1.000

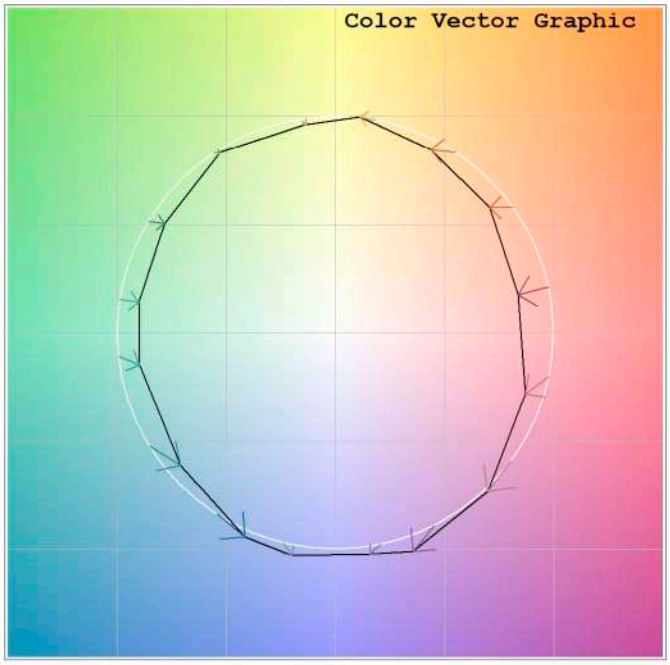
Status: Integral T = 1684 ms Ip = 49796 (76%)

Model:Ecoled Jade 6500K	Number: 33.002
Tester:Sergio Carneros	Date:25-5-2021
Temperature:24Deg	Humidity:57%
Manufacturer:Luz Negra S.L	Remarks:100cm de tira flexible









Model:Ecoled Jade 6500K
Tester:Sergio Carneros
Temperature:24Deg
Manufacturer:Luz Negra S.L

Number: 33.002
Date:25-5-2021
Humidity:57%
Remarks:100cm de tira flexible

BARCELONA
C/ Carles Buhigues, 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
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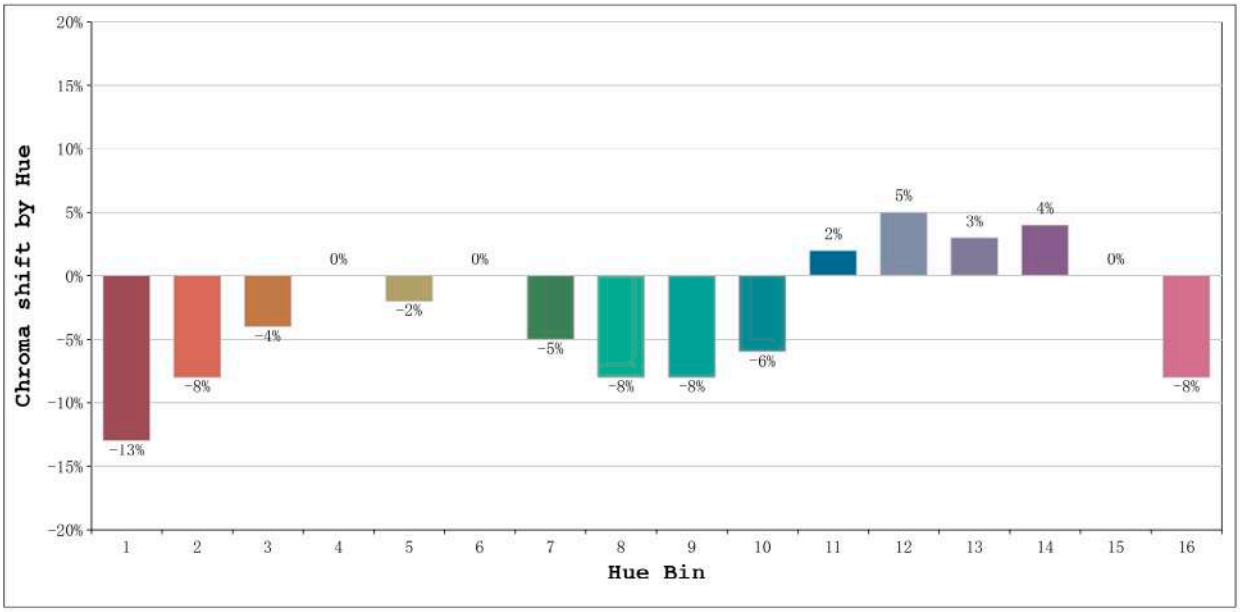
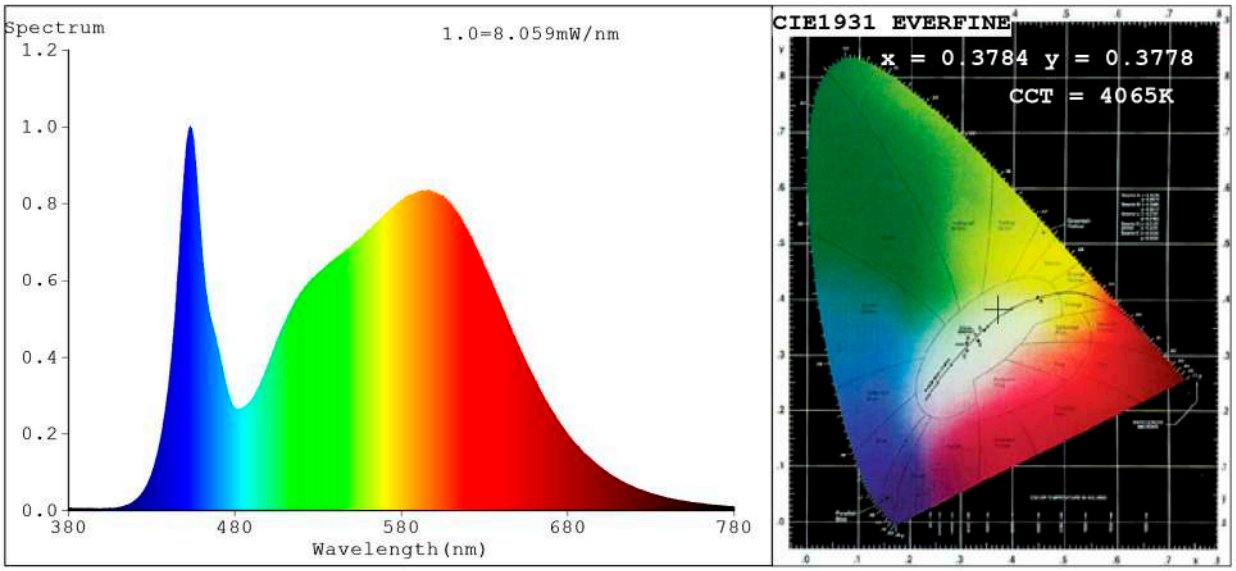


			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	72	-13	0
2	22.5° - 45.0°	76	-8	6
3	45.0° - 67.5°	79	-4	10
4	67.5° - 90.0°	86	0	7
5	90.0° - 112.5°	90	-2	2
6	112.5° - 135.0°	93	0	-1
7	135.0° - 157.5°	87	-5	-2
8	157.5° - 180.0°	84	-8	0
9	180.0° - 202.5°	83	-8	6
10	202.5° - 225.0°	73	-6	15
11	225.0° - 247.5°	76	2	16
12	247.5° - 270.0°	83	5	5
13	270.0° - 292.5°	88	3	-5
14	292.5° - 315.0°	78	4	-13
15	315.0° - 337.5°	72	0	-16
16	337.5° - 360.0°	74	-8	-9

Model:Ecoled Jade 6500K
Tester:Sergio Carneros
Temperature:24Deg
Manufacturer:Luz Negra S.L

Number: 33.002
Date:25-5-2021
Humidity:57%
Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3784 y=0.3778/u'=0.2233 v'=0.5017

CCT=4065K(Duv=0.0011) Dominant WL:Ld =578.2nm Purity=26.9%

Ratio:R=18.2% G=78.1% B=3.7%¡¡Peak WL:Lp=453.2nm FWHM=21.4nm

Render Index:Ra=83.3 CRI=76.6 TM30:Rf=82 Rg=95

R1 =82	R2 =90	R3 =95	R4 =81	R5 =81	R6 =85	R7 =87	
R8 =66	R9 =11	R10=75	R11=80	R12=59	R13=84	R14=97	R15=76

Photo Parameters:

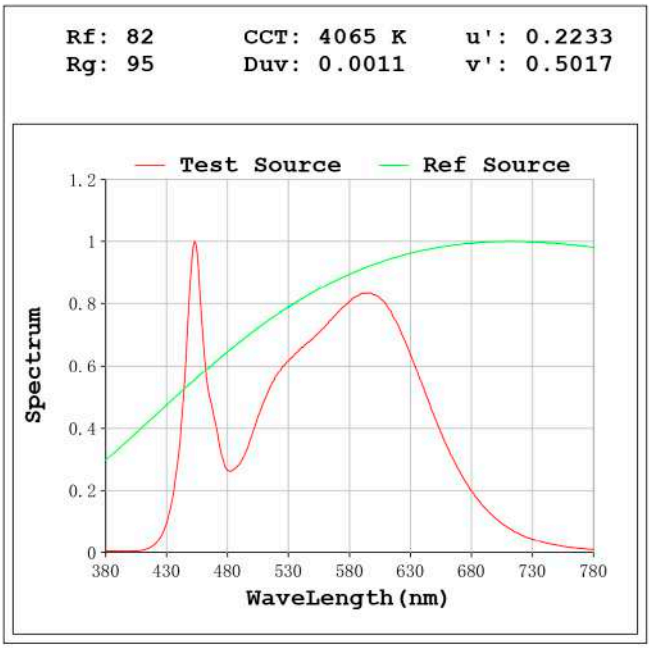
Flux = 394.2 lm Eff. : 97.08 lm/W Fe = 1.197 W Scotopic:674.74 S/P:1.7118

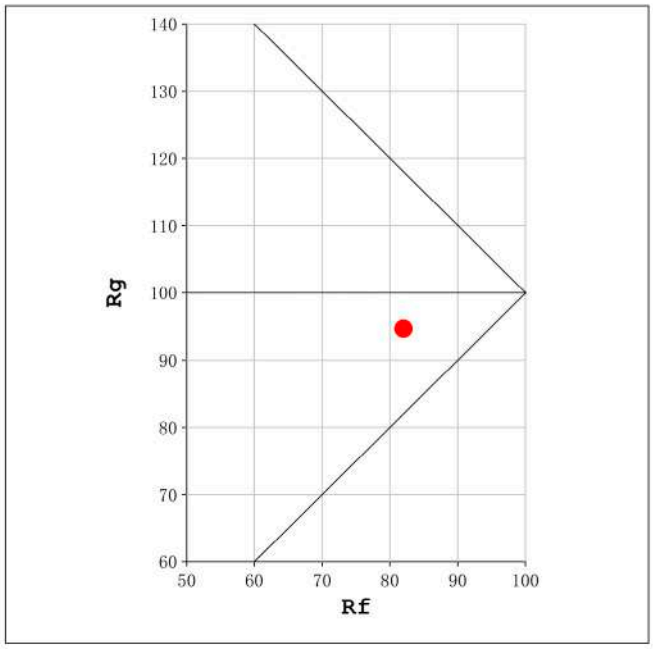
Electrical parameters:

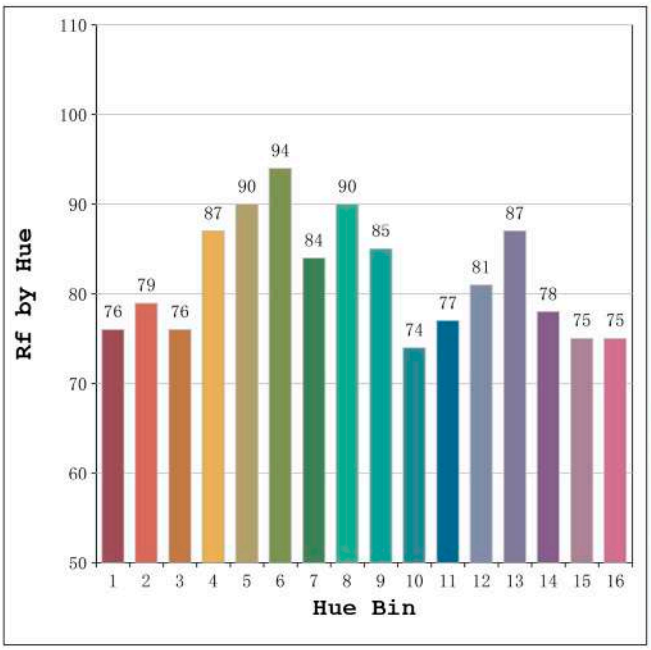
V = 11.998 V I = 0.3384 A P = 4.060 W PF = 1.000

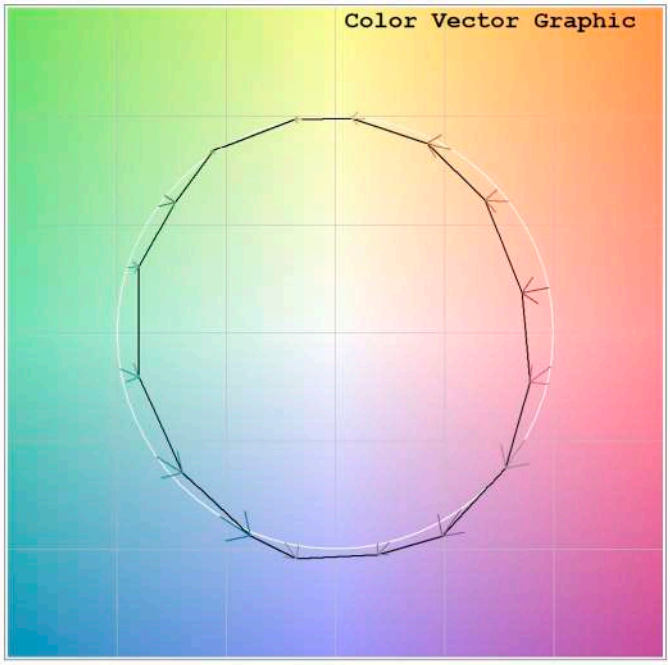
Status: Integral T = 3555 ms Ip = 51936 (79%)

Model:Ecoled Jade 4000K	Number: 30.102
Tester:Sergio Carneros	Date:
Temperature:25Deg	Humidity:57%
Manufacturer:Luz Negra S.L	Remarks:100cm de tira flexible









Model:Ecoled Jade 4000K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

Number: 30.102
Date:
Humidity:57%
Remarks:100cm de tira flexible

BARCELONA
C/ Carles Buhigues, 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
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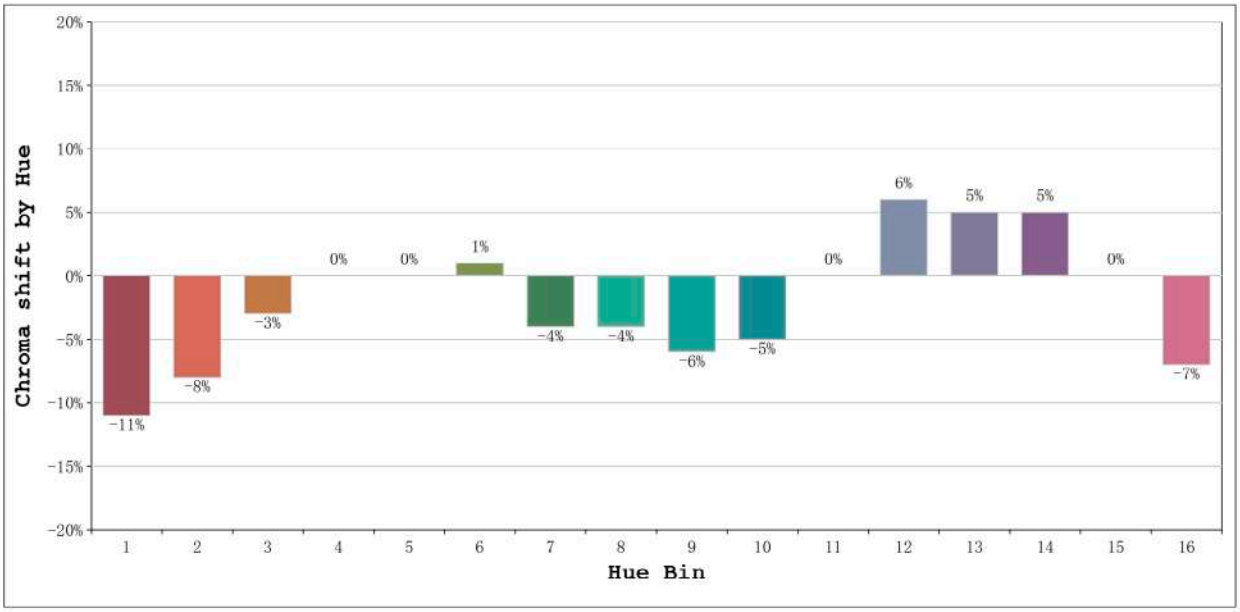
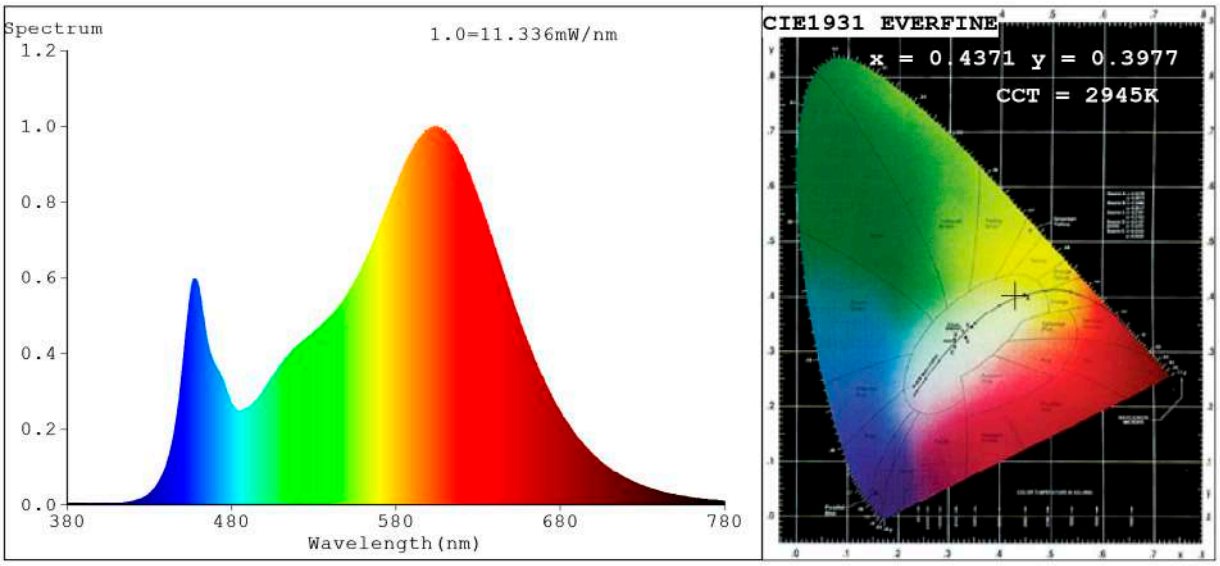


			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	76	-11	0
2	22.5° - 45.0°	79	-8	6
3	45.0° - 67.5°	76	-3	11
4	67.5° - 90.0°	87	0	6
5	90.0° - 112.5°	90	0	3
6	112.5° - 135.0°	94	1	-1
7	135.0° - 157.5°	84	-4	-5
8	157.5° - 180.0°	90	-4	-1
9	180.0° - 202.5°	85	-6	5
10	202.5° - 225.0°	74	-5	13
11	225.0° - 247.5°	77	0	16
12	247.5° - 270.0°	81	6	6
13	270.0° - 292.5°	87	5	-5
14	292.5° - 315.0°	78	5	-13
15	315.0° - 337.5°	75	0	-15
16	337.5° - 360.0°	75	-7	-8

Model:Ecoled Jade 4000K
Tester:Sergio Carneros
Temperature:25Deg
Manufacturer:Luz Negra S.L

Number: 30.102
Date:
Humidity:57%
Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4371 y=0.3977/u'=0.2534 v'=0.5189

CCT=2945K(Duv=-0.0026) Dominant WL:Ld =584.0nm Purity=50.6%

Ratio:R=23.6% G=73.2% B=3.1%¡¡Peak WL:Lp=605.2nm FWHM=114.1nm

Render Index:Ra=82.5 CRI=78.0 TM30:Rf=81 Rg=94

R1 =83	R2 =95	R3 =91	R4 =79	R5 =83	R6 =94	R7 =79	
R8 =56	R9 =7	R10=89	R11=78	R12=75	R13=87	R14=96	R15=75

Photo Parameters:

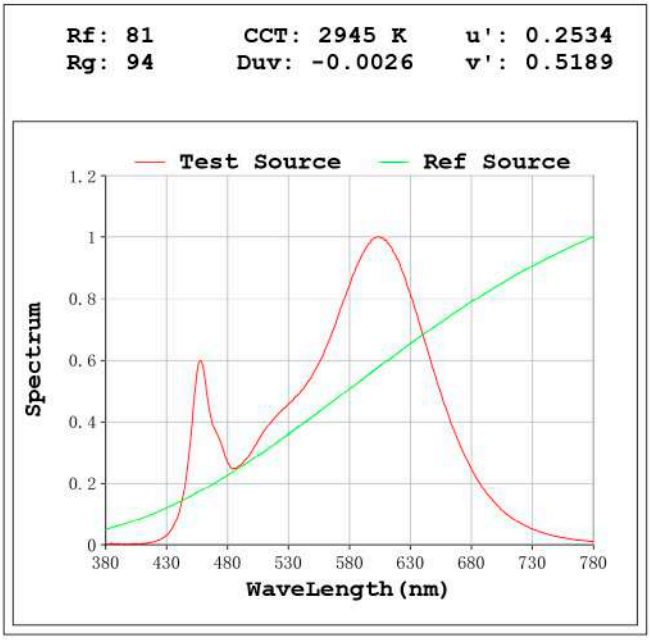
Flux = 530.2 lm Eff. : 108.41 lm/W Fe = 1.621 W Scotopic:735.65 S/P:1.3875

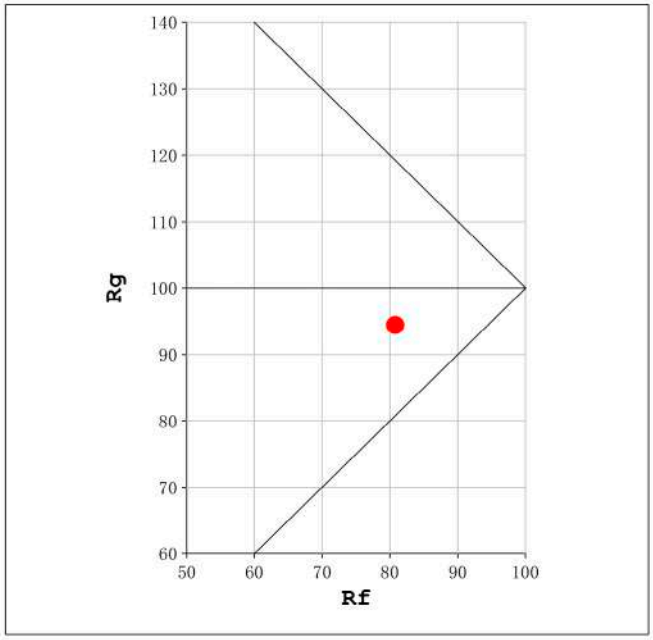
Electrical parameters:

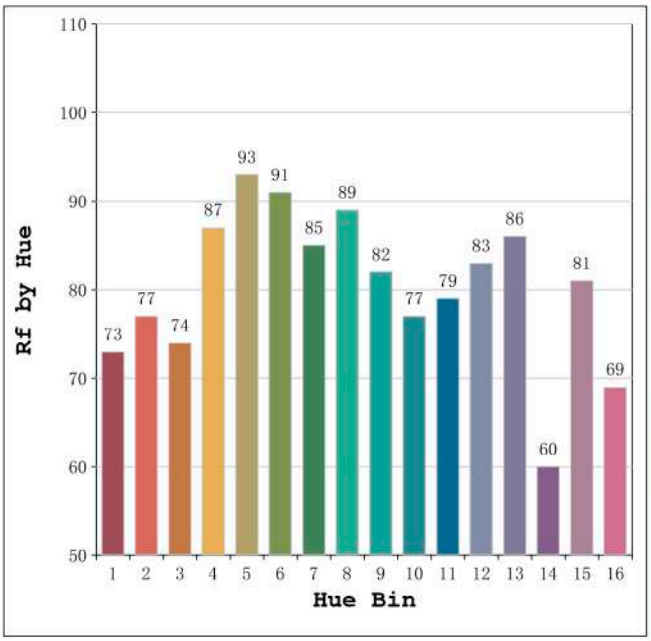
V = 11.998 V I = 0.4076 A P = 4.890 W PF = 1.000

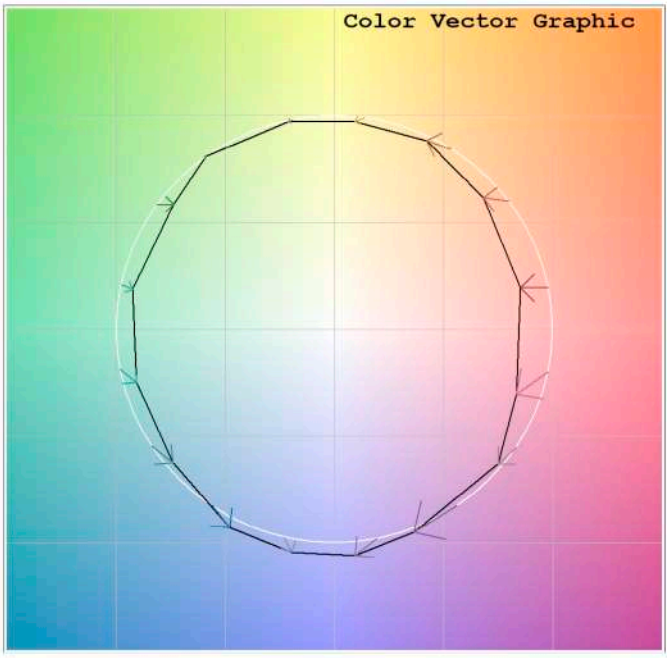
Status: Integral T = 1409 ms Ip = 33895 (52%)

Model:Ecoled Jade 3000K	Number: 30.003
Tester:Sergio Carneros	Date:
Temperature:20Deg	Humidity:50%
Manufacturer:Luz Negra	Remarks:100cm de tira flexible









Model:Ecoled Jade 3000K
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz Negra

Number: 30.003
Date:
Humidity:50%
Remarks:100cm de tira flexible

BARCELONA
C/ Carles Buhigues, 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
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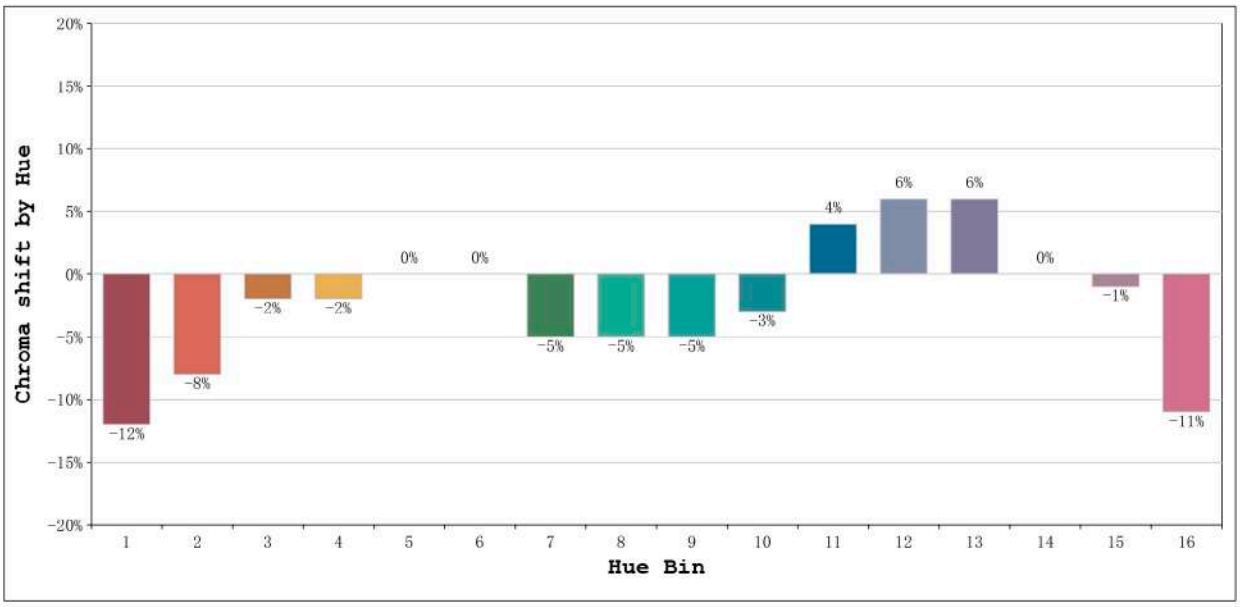

			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	73	-12	2
2	22.5° - 45.0°	77	-8	8
3	45.0° - 67.5°	74	-2	11
4	67.5° - 90.0°	87	-2	4
5	90.0° - 112.5°	93	0	2
6	112.5° - 135.0°	91	0	0
7	135.0° - 157.5°	85	-5	-3
8	157.5° - 180.0°	89	-5	1
9	180.0° - 202.5°	82	-5	7
10	202.5° - 225.0°	77	-3	12
11	225.0° - 247.5°	79	4	12
12	247.5° - 270.0°	83	6	4
13	270.0° - 292.5°	86	6	-10
14	292.5° - 315.0°	60	0	-22
15	315.0° - 337.5°	81	-1	-10
16	337.5° - 360.0°	69	-11	-12

Model:Ecoled Jade 3000K
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz Negra

Number: 30.003
Date:
Humidity:50%
Remarks:100cm de tira flexible