

B5050-24V-14.4W-RGB

CERTIFICATIONS



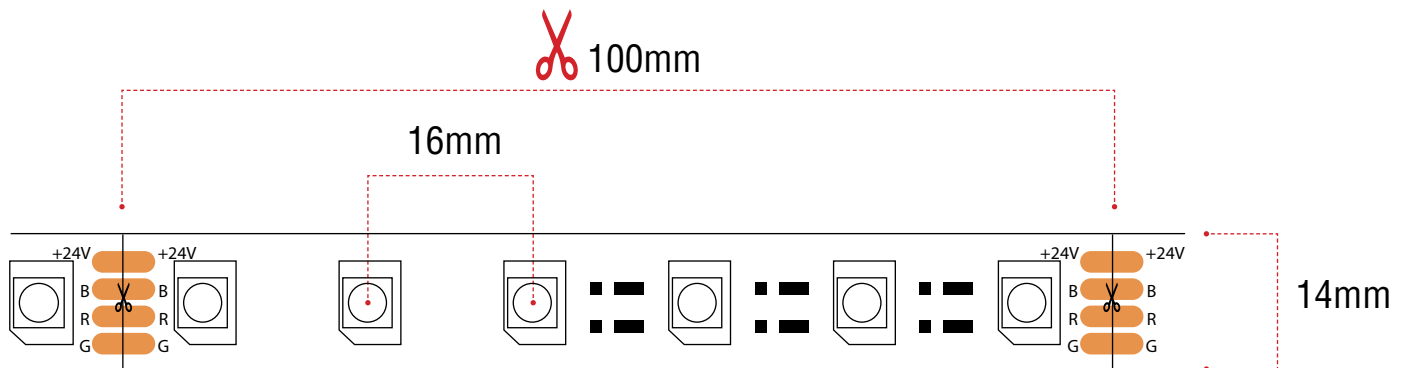
FEATURES

- 60 LED by meter
- 14.4W by meter / Voltage 24 VDC
- 5 meters maximum length
- View angle 120°
- Long lifetime
- CRI: 80
- IP AVAILABLE: IP22 / IP68

• COLOR TEMPERATURE:



DIMENSION



- 5000 mm in length (5 meters per roll)
- 14 mm wide
- You can cut at 6 LED



NOTES : 1. All dimension units are millimeters.
 2. All dimension tolerance is +3/-1mm unless otherwise noted.

PROJECT / PROJET: # PO:
 CLIENT: DATE:
 NOTES: VOLTS:

LUMILAB-Lightsource test report 5050-24V-60-CONSTANT CURRENT-FULL WHITE

Product Remark

Type:	Factory:	
TempIn:24.8	Temp:24.7	Humidity:65%
Operator:	Date:2015-09-18	

CIE Color Parameter

Chromaticity Coordinate: $x=0.2587$ $y=0.2275$ $u=0.1985$ $v=0.2619$ $duv=-0.0180$
 CCT: $T_c=5000K$ Dominant wave: 468.3nm Purity: 36.9%
 Peak Wave: 633nm Half Width: 18.4nm RatioR=27.1% G=64.3% B=8.6%

Rending Index $R_a = 20.3$

R1 = -6	R2 = 40	R3 = 65	R4 = 5	R5 = 17	R6 = 38	R7 = 50
R8 = -43	R9 = -338	R10 = -47	R11 = -22	R12 = 45	R13 = 0	R14 = 73

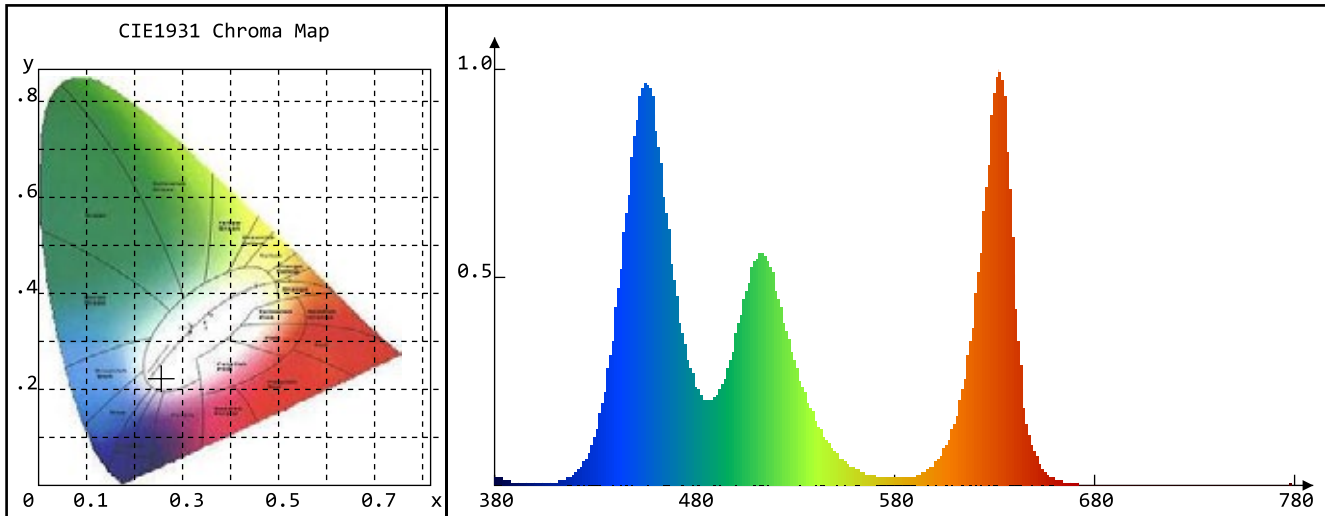


Photo Parameter

Flux: 1154.7 lm Light Efficacy: 18.17 lm/W Lumi.Pow. : 0uW

Electrical Parameter

Voltage: 24V Current: 0.560A Power: 13.44W/M
 4.096 W/pied

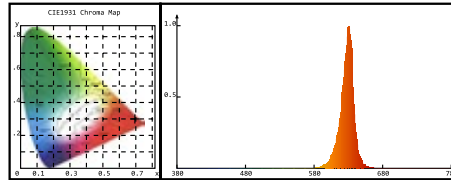
Instrument Status

Range: 380nm-780nm	Interval: 5nm	PMT HV: -352V
Main: 1	Id: 9	Ip: 3971
Reference: 3	REF: 8696	%: -4.956%

LUMILAB-Lightsource test report RED

Product Remark

Type: Factory:
TempIn:24.7 Temp:24.7
Operator: Date:2015-09-18
Humidity:65%



CIE Color Parameter

Chromaticity Coordinate: x=0.6949 y=0.3050 u=0.5275 v=0.3472 duv=-0.0552
CCT: Tc= 1000K Dominant wave: 622.8nm Purity: 100.0%
Peak Wave: 631nm Half Width: 18.3nm RatioR=96.2% G=3.8% B=0.0%

Rending Index Ra= 16.4

R1 =8 R2 =78 R3 =34 R4 =-23 R5 =3 R6 =88 R7 =9
R8 =-63 R9 =-213 R10=70 R11=-12 R12=79 R13=30 R14=62

Photo Parameter

Flux: 27.18 lm Light Efficacy: 59 lm/W Lumi.Pow. : 0uW

Electrical Parameter

Voltage: 24V Current:0.192A Power: 4.608W/M
1.404 W/pied

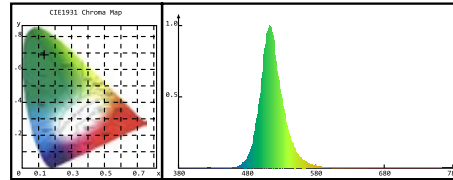
Instrument Status

Range: 380nm-780nm Interval: 5nm PMT HV: -352V
Main: 1 Id: 12 Ip: 2238
Reference: 4 REF: 25289 %: 0.688%

LUMILAB-Lightsource test report GREEN

Product Remark

Type: Factory:
TempIn:24.6 Temp:24.6
Operator: Date:2015-09-18
Humidity:65%



CIE Color Parameter

Chromaticity Coordinate: x=0.1345 y=0.6894 u=0.0489 v=0.3759 duv=0.1635
CCT: Tc= 8677K Dominant wave: 518.8nm Purity: 72.0%
Peak Wave: 514nm Half Width: 32.4nm RatioR=0.4% G=98.7% B=0.8%

Rending Index Ra=-21.3

R1 =-33 R2 =-5 R3 =-19 R4 =-59 R5 =-7 R6 =-14 R7 =-1
R8 =-25 R9 =-343 R10=-101 R11=-85 R12=-26 R13=-40 R14=40

Photo Parameter

Flux: 48.3 lm Light Efficacy: 10.50 lm/W Lumi.Pow. : 0uW

Electrical Parameter

Voltage: 24V Current:0.192A Power: 4.608W/M
1.404 W/pied

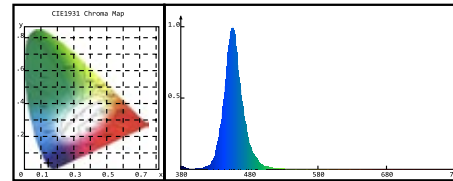
Instrument Status

Range: 380nm-780nm Interval: 5nm PMT HV: -352V
Main: 1 Id: 9 Ip: 2918
Reference: 3 REF: 5520 %: -0.181%

LUMILAB-Lightsource test report BLUE

Product Remark

Type: Factory:
TempIn:24.7 Temp:24.7
Operator: Date:2015-09-18
Humidity:65%



CIE Color Parameter

Chromaticity Coordinate: x=0.1468 y=0.0432 u=0.1822 v=0.0803 duv=-0.1060
CCT: Tc=50000K Dominant wave: 463.2nm Purity: 96.8%
Peak Wave: 457nm Half Width: 27.4nm RatioR=1.4% G=26.9% B=71.7%

Rending Index Ra=-48.1

R1 =0 R2 =-33 R3 =-141 R4 =-88 R5 =12 R6 =-43 R7 =-47
R8 =-37 R9 =-234 R10=-204 R11=-116 R12=-96 R13=-16 R14=-29

Photo Parameter

Flux: 7.8 lm Light Efficacy: 1.71 lm/W Lumi.Pow. : 0uW

Electrical Parameter

Voltage: 24V Current:0.192A Power: 4.608W/M
1.404 W/pied

Instrument Status

Range: 380nm-780nm Interval: 5nm PMT HV: -352V
Main: 1 Id: 12 Ip: 4122
Reference: 4 REF: 8198 %: -0.061%