



LedKoning

# RGB PRO 96 LED STRIP

96  
LEDS P/M



**R** **G** **B**



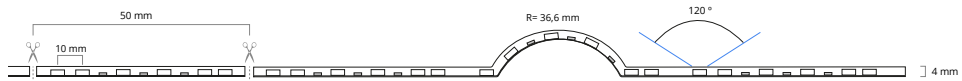
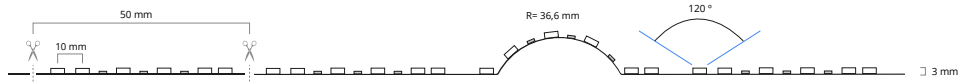


## SPECIFICATIES

Dimbaar	Ja
3M plakstrip over gehele lengte	Ja
Garantie	2 jaar
Op maat te knippen	24V: elke 6,25 cm
Aantal LED's p/m	96
Type LED	5050 SMD
Merk LED	Epistar
Stralingshoek	120 graden
Kleur	RGB multicolor
Kleurtemperatuur (Kelvin)	-
CRI	-
Lichtsterkte (lumen) p/m	794 lm (R=175, G=507, B=122)
Aantal branduren	50.000
Voltage (DC)	24V
Watt - vermogen p/m	18,3W
Lumen per Watt	44 lm
Watt per LED	0,19W
Bescherming	IP20, IP65 of IP67
Materiaal waterdichte bescherming (IP65/IP67)	Siliconen
Achtergrond kleur strip (PCB)	Wit
Plakstrip	IP20: 3M 300LSE      IP65: 3M VHB      IP67: 3M VHB
Breedte led strip	IP20: 10mm      IP65: 12mm      IP67: 12mm
Dikte led strip	IP20: 3mm      IP65: 4mm      IP67: 4mm
Aansluiting begin	4-pins stekker type vrouw+man
Aansluiting einde	4-pins stekker type vrouw

# TECHNISCHE TEKENINGEN

**IP20**



**IP20**



**IP65**

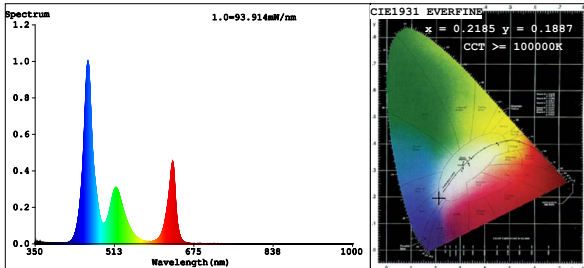


**IP67**





# 1M RGB Pro - 96 LEDS P/M



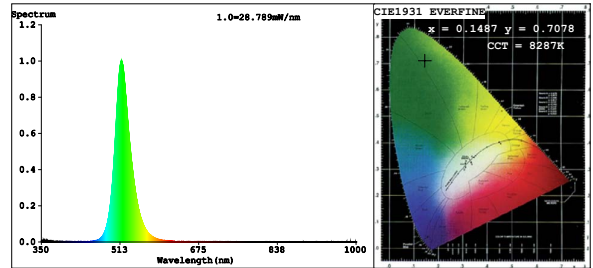
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.2185$   $y=0.1887/u'=0.1811$   $v'=0.3518$   
 CCT=100000K (Duv=-0.0314) Dominant WL:Ld =471.4nm Purity=53.9%  
 Ratio:R=20.9% G=63.7% B=15.4% Peak WL:Lp=458.1nm FWHM=19.4nm  
 Render Index:Ra=49.1 CRI=42.9

R1 =32 R2 =48 R3 =66 R4 =66 R5 =53 R6 =47 R7 =66  
 R8 =14 R9 =0 R10=0 R11=48 R12=52 R13=30 R14=78 R15=9

**Photo Parameters:**  
 Flux = 794.4 lm Eff. : 43.53 lm/W Fe = 4.328 W

**Electrical parameters:**  
 V = 23.997 V I = 0.7605 A P = 18.25 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 35 ms Ip = 46726 (71%)



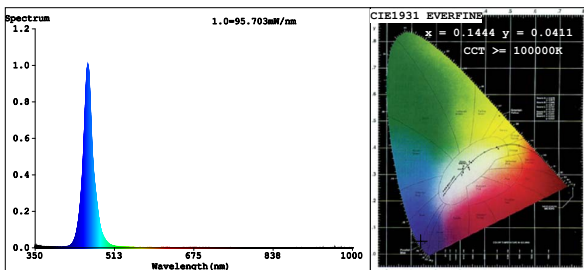
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1487$   $y=0.7078/u'=0.0531$   $v'=0.5690$   
 CCT=8287K (Duv=0.1615) Dominant WL:Ld =521.6nm Purity=74.8%  
 Ratio:R=0.3% G=96.2% B=3.5% Peak WL:Lp=515.5nm FWHM=33.2nm  
 Render Index:Ra=0.0 CRI=2.9

R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=40 R15=0

**Photo Parameters:**  
 Flux = 507.3 lm Eff. : 80.44 lm/W Fe = 1.132 W

**Electrical parameters:**  
 V = 23.998 V I = 0.2628 A P = 6.307 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 87 ms Ip = 44959 (69%)



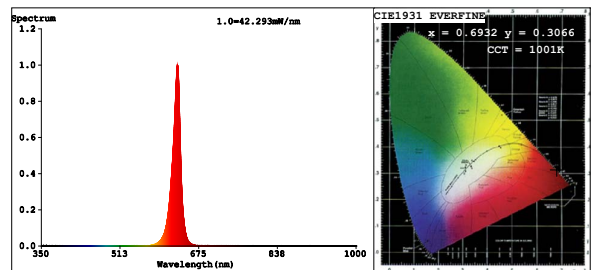
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1444$   $y=0.0411/u'=0.1803$   $v'=0.1154$   
 CCT=100000K (Duv=-0.1890) Dominant WL:Ld =462.5nm Purity=97.7%  
 Ratio:R=0.6% G=13.0% B=86.4% Peak WL:Lp=458.3nm FWHM=19.0nm  
 Render Index:Ra=0.6 CRI=0.4

R1 =0 R2 =0 R3 =0 R4 =0 R5 =5 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=3

**Photo Parameters:**  
 Flux = 121.6 lm Eff. : 19.59 lm/W Fe = 2.380 W

**Electrical parameters:**  
 V = 23.997 V I = 0.2587 A P = 6.208 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 35 ms Ip = 47644 (73%)



**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.6932$   $y=0.3066/u'=0.5239$   $v'=0.5213$   
 CCT=1001K (Duv=-0.0764) Dominant WL:Ld =630.9nm Purity=99.9%  
 Ratio:R=95.0% G=5.0% B=0.0% Peak WL:Lp=630.9nm FWHM=16.4nm  
 Render Index:Ra=28.0 CRI=33.4

R1 =9 R2 =78 R3 =34 R4 =0 R5 =4 R6 =89 R7 =9  
 R8 =0 R9 =0 R10=72 R11=0 R12=79 R13=31 R14=62 R15=0

**Photo Parameters:**  
 Flux = 174.9 lm Eff. : 30.60 lm/W Fe = 853.4 mW

**Electrical parameters:**  
 V = 23.998 V I = 0.2381 A P = 5.714 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 87 ms Ip = 46995 (72%)



# CE CERTIFICAAT



## CE EMC TEST REPORT

For

5050 RGB LED Strip

Model No: RBLS30-1M1220(other in the model list)

Applicant : LedKoning  
Rietveldeweg 49D, DEN BOSCH, The Netherlands.

Manufacturer : LedKoning  
Rietveldeweg 49D, DEN BOSCH, The Netherlands.

Issued By : Shenzhen An-Xin Testing Service Co., Ltd.  
Room 402-405, Floor 4th, Building C, Yuxing Technology  
Industrial Park, Xixiang Street, Bao'an District, Shenzhen,  
Guangdong, China

Tel : +86 755 23009643

Fax : +86 755 23009643

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Shenzhen An-Xin Testing Service Co., Ltd.

Room 402-405, Floor 4th, Building C, Yuxing Technology Industrial Park, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China

Adres: Rietveldeweg 49D, 5222AP 's Hertogenbosch  
Tel: +3173 704 1100  
E-mail: info@ledkoning.nl  
Website: www.ledkoning.nl