



LedKoning

# RGB PRO 120 LED STRIP

120  
LEDS P/M



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



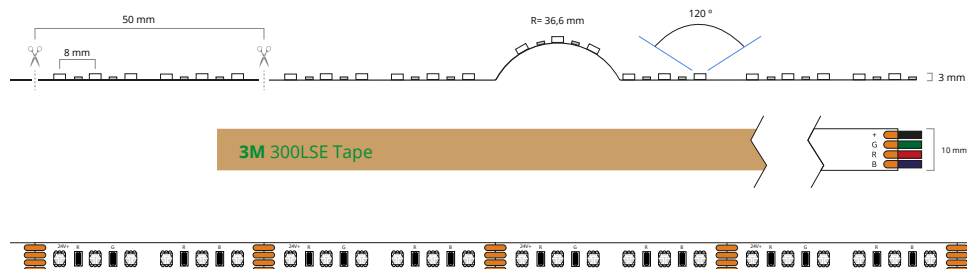


## SPECIFICATIES

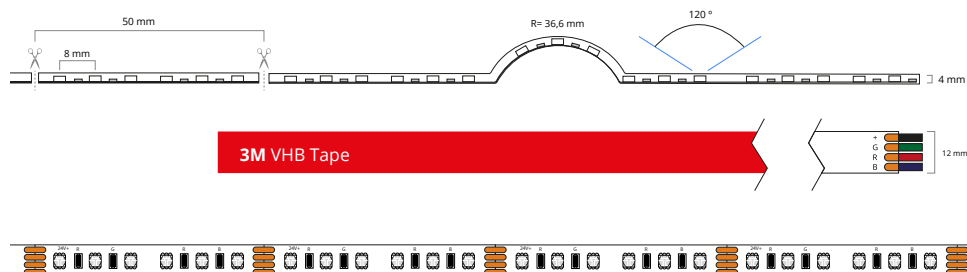
Dimbaar	Ja
3M plakstrip over gehele lengte	Ja
Garantie	5 jaar
Op maat te knippen	Elke 5 cm
Aantal LED's p/m	120
Type LED	5050 SMD
Merk LED	Epistar
Stralingshoek	120 graden
Kleur	RGB multicolor
Kleurtemperatuur (Kelvin)	-
CRI	-
Lichtsterkte (lumen) p/m	919 lm (R=208, G=568, B=140)
Aantal branduren	50.000
Voltage (DC)	24V
Watt - vermogen p/m	23,3W
Lumen per Watt	40 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

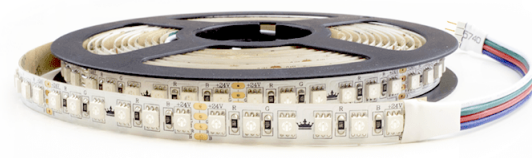
**IP20**



**IP65/67**



**IP20**



**IP65**

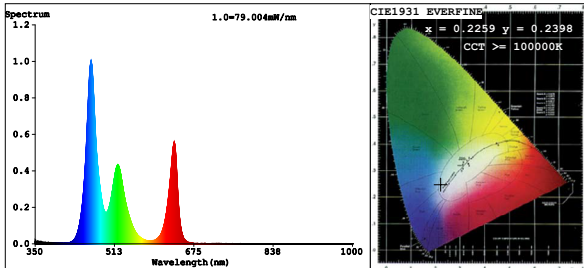


**IP67**





# 1M RGB Pro - 120 LEDS P/M



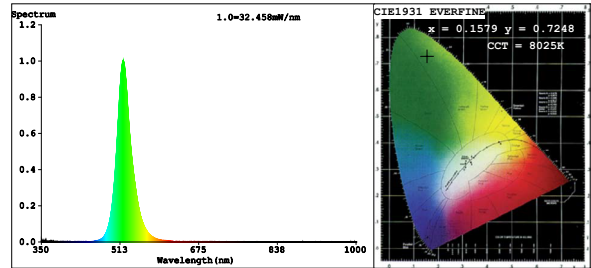
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.2259$   $y=0.2398/u'=0.1666$   $v'=0.3978$   
 CCT=100000K (Duv=-0.0141) Dominant WL:Ld =479.3nm Purity=44.9%  
 Ratio:R=18.6% G=66.5% B=15.0% Peak WL:Lp=464.5nm FWHM=22.0nm  
 Render Index:Ra=55.1 CRI=49.9

R1 =46 R2 =60 R3 =71 R4 =67 R5 =66 R6 =61 R7 =58  
 R8 =11 R9 =0 R10=5 R11=64 R12=64 R13=44 R14=80 R15=23

**Photo Parameters:**  
 Flux = 919.1 lm Eff. : 39.67 lm/W Fe = 4.391 W

**Electrical parameters:**  
 V = 23.997 V I = 0.9655 A P = 23.17 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 43 ms Ip = 50660 (77%)



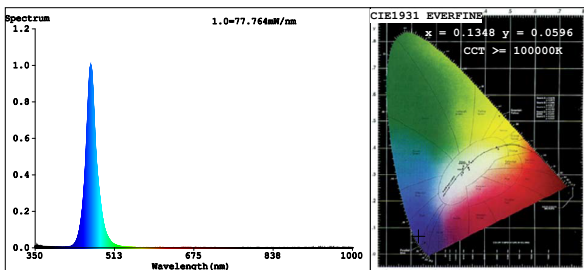
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1579$   $y=0.7248/u'=0.0555$   $v'=0.5731$   
 CCT=8025K (Duv=0.1608) Dominant WL:Ld =524.7nm Purity=79.3%  
 Ratio:R=0.3% G=97.4% B=2.3% Peak WL:Lp=518.9nm FWHM=30.4nm  
 Render Index:Ra=0.0 CRI=2.8

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=39 R15=0

**Photo Parameters:**  
 Flux = 568.4 lm Eff. : 75.17 lm/W Fe = 1.197 W

**Electrical parameters:**  
 V = 23.998 V I = 0.3151 A P = 7.562 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 68 ms Ip = 39755 (61%)



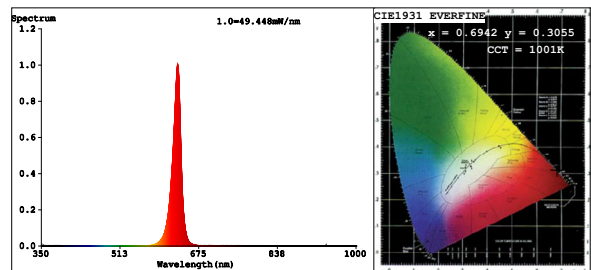
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1348$   $y=0.0596/u'=0.1565$   $v'=0.1557$   
 CCT=100000K (Duv=-0.1639) Dominant WL:Ld =468.3nm Purity=96.8%  
 Ratio:R=0.3% G=15.8% B=83.9% Peak WL:Lp=463.8nm FWHM=21.1nm  
 Render Index:Ra=0.3 CRI=0.2

R1 =0 R2 =0 R3 =0 R4 =0 R5 =2 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

**Photo Parameters:**  
 Flux = 139.8 lm Eff. : 17.93 lm/W Fe = 2.089 W

**Electrical parameters:**  
 V = 23.998 V I = 0.3248 A P = 7.795 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 43 ms Ip = 49683 (76%)



**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.6942$   $y=0.3055/u'=0.5261$   $v'=0.5210$   
 CCT=1001K (Duv=-0.0786) Dominant WL:Ld =621.5nm Purity=99.9%  
 Ratio:R=95.4% G=4.6% B=0.0% Peak WL:Lp=631.8nm FWHM=17.3nm  
 Render Index:Ra=27.9 CRI=33.3

R1 =9 R2 =78 R3 =33 R4 =0 R5 =4 R6 =90 R7 =9  
 R8 =0 R9 =0 R10=72 R11=0 R12=79 R13=31 R14=61 R15=0

**Photo Parameters:**  
 Flux = 207.5 lm Eff. : 28.09 lm/W Fe = 1.035 W

**Electrical parameters:**  
 V = 23.998 V I = 0.3078 A P = 7.387 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 68 ms Ip = 42894 (65%)



# CE CERTIFICAAT



## CE EMC TEST REPORT

For

5050 RGB LED Strip

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

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

Manufacturer : LedKoning  
Rietveldenweg 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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Date of Report : Aug. 12, 2021



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