



LedKoning

# RGB BASIC LED STRIP

30  
LEDS P/M



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



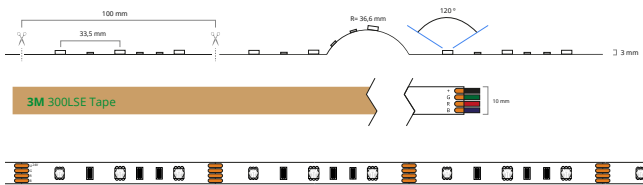


## SPECIFICATIES

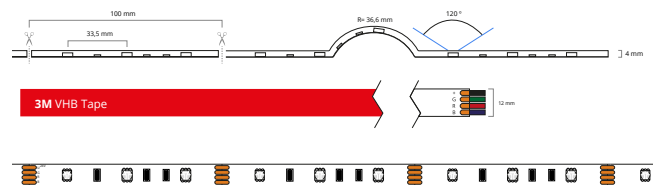
Dimbaar	Ja		
3M plakstrip over gehele lengte	Ja		
Garantie	2 jaar		
Op maat te knippen	12V: elke 10cm	24V: elke 16,7 cm	
Aantal LED's p/m	30		
Type LED	5050 SMD		
Merk LED	Epistar		
Stralingshoek	120 graden		
Kleur	RGB multicolor		
Kleurtemperatuur (Kelvin)	-		
CRI	-		
Lichtsterkte (lumen) p/m	283 lm (R=66, G=177, B=46)		
Aantal branduren	50.000		
Voltage (DC)	12V of 24V		
Watt - vermogen p/m	6,8W		
Lumen per Watt	42 lm		
Watt per LED	0,23W		
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

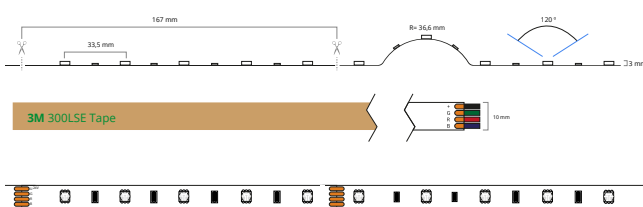
IP20 12V



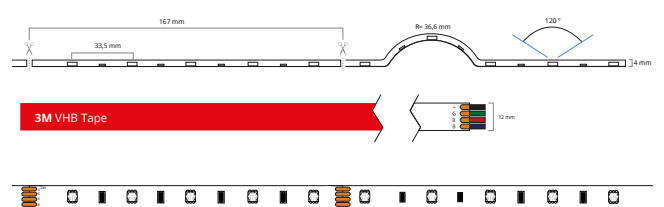
IP65/67 12V



IP20 24V



IP65/67 24V



IP20



IP65

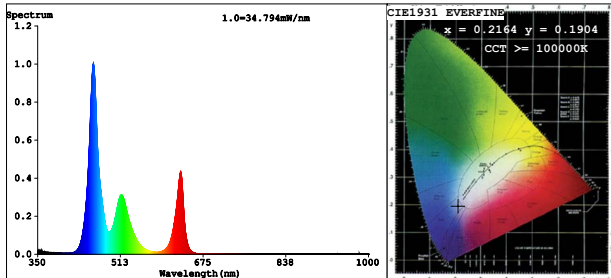


IP67





# 1M RGB BASIC - 30 LEDS P/M



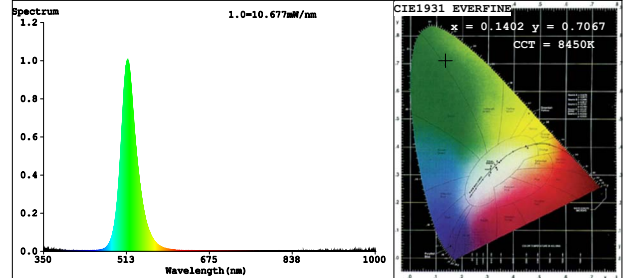
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.2164$   $y=0.1904/u'=0.1784$   $v'=0.3532$   
 CCT=100000K (Duv=-0.0306) Dominant WL:Ld =472.3nm Purity=54.2%  
 Ratio:R=20.9% G=62.7% B=16.4% Peak WL:Lp=459.7nm FWHM=18.6nm  
 Render Index:Ra=46.5 AvgR=38.8

R1 =32 R2 =44 R3 =57 R4 =67 R5 =53 R6 =43 R7 =62  
 R8 =15 R9 =0 R10=0 R11=52 R12=48 R13=28 R14=74 R15=10

**Photo Parameters:**  
 Flux = 283.0 lm Eff. : 41.71 lm/W Fe = 1.552 W

**Electrical parameters:**  
 V = 11.998 V I = 0.5655 A P = 6.785 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 101 ms Ip = 50361 (77%)



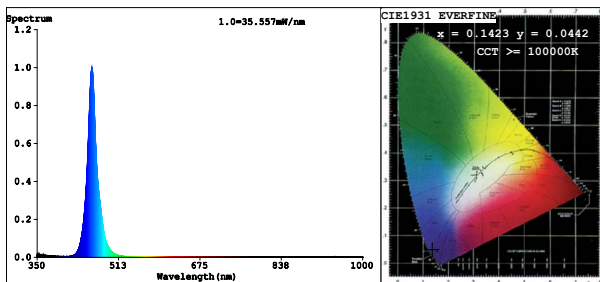
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1402$   $y=0.7067/u'=0.0501$   $v'=0.5679$   
 CCT=8450K (Duv=0.1638) Dominant WL:Ld =520.0nm Purity=74.6%  
 Ratio:R=0.3% G=96.0% B=3.7% Peak WL:Lp=514.8nm FWHM=31.5nm  
 Render Index:Ra=0.0 AvgR=2.6

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 = 176.6 lm Eff. : 73.18 lm/W Fe = 403.9 mW

**Electrical parameters:**  
 V = 11.998 V I = 0.2011 A P = 2.413 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 251 ms Ip = 48064 (73%)



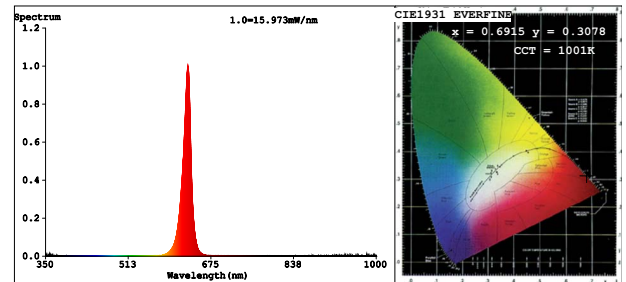
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1423$   $y=0.0442/u'=0.1753$   $v'=0.1225$   
 CCT=100000K (Duv=-0.1844) Dominant WL:Ld =463.9nm Purity=97.6%  
 Ratio:R=0.4% G=13.1% B=86.5% Peak WL:Lp=459.1nm FWHM=18.3nm  
 Render Index:Ra=0.4 AvgR=0.3

R1 =0 R2 =0 R3 =0 R4 =0 R5 =3 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=1

**Photo Parameters:**  
 Flux = 46.39 lm Eff. : 19.21 lm/W Fe = 863.7 mW

**Electrical parameters:**  
 V = 11.999 V I = 0.2012 A P = 2.414 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 101 ms Ip = 51312 (78%)



**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.6915$   $y=0.3078/u'=0.5208$   $v'=0.5217$   
 CCT=1001K (Duv=-0.0732) Dominant WL:Ld =620.3nm Purity=99.8%  
 Ratio:R=95.0% G=5.0% B=0.0% Peak WL:Lp=629.6nm FWHM=15.7nm  
 Render Index:Ra=28.3 AvgR=31.4

R1 =10 R2 =79 R3 =33 R4 =0 R5 =5 R6 =91 R7 =8  
 R8 =0 R9 =0 R10=73 R11=0 R12=79 R13=32 R14=62 R15=0

**Photo Parameters:**  
 Flux = 66.04 lm Eff. : 33.60 lm/W Fe = 311.7 mW

**Electrical parameters:**  
 V = 11.998 V I = 0.1638 A P = 1.965 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 251 ms Ip = 51420 (78%)



# 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

Report Number : AXJC2021080900349E

Issued Date : Aug. 12, 2021

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

☎ 86-0755-23009643 📠 86-0755-23009643 🌐 <http://www.anxinlab.com/>

Adres: Rietveldenweg 49D, 5222AP 's Hertogenbosch

Tel: +3173 704 1100

E-mail: [info@ledkoning.nl](mailto:info@ledkoning.nl)

Website: [www.ledkoning.nl](http://www.ledkoning.nl)