



LedKoning

# RGB BASIC LED STRIP



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

LEDS  
p/m  
30

Lumen  
p/m  
236,5

Watt  
p/m  
7,7

120°

Dimbaar

5  
Jaar

CE

# SPECIFICATIES

## Algemene kenmerken

Dimbaar	Ja	
3M plakstrip over gehele lengte	Ja	
Garantie	5 jaar	
Op maat te knippen	12V: elke 10 cm	24V: elke 16,7 cm

## LED's en licht

Aantal LED's p/m	30 leds/m
Type LED	5050 SMD
Merk LED	Epistar
Stralingshoek	120°
Kleur	RGB multicolor
Kleurtemperatuur (Kelvin)	-
CRI	-
Aantal branduren	50.000

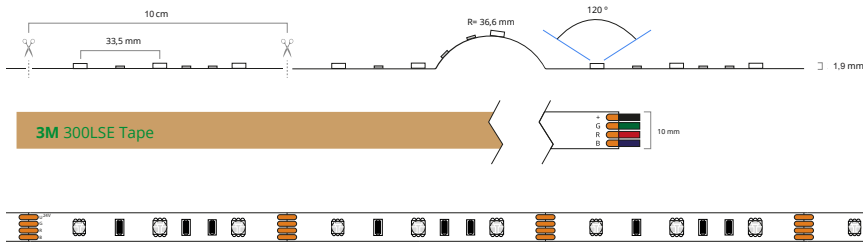
## Technische specificaties

Lichtsterkte (lumen) p/m	12V : 252,3 Lumen	24V : 236,5 Lumen
Voltage (DC)	12 of 24V	
Watt - vermogen p/m	12V : 6,5W	24V : 7,7W
Lumen per watt	12V : 38,82 lm	24V : 30,71 lm
Watt per LED	12V : 0,217W	24V : 0,257 lm

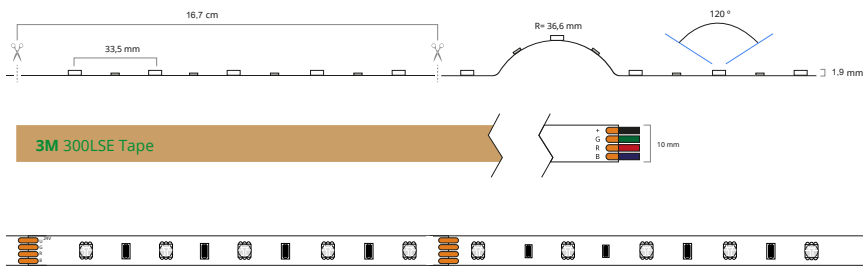
## Strip eigenschappen

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: 1,9mm	IP65: 5,3mm	IP67: 5,3mm
Aansluiting begin	4-pins stekker type vrouw+man		
Aansluiting einde	4-pins stekker type vrouw		

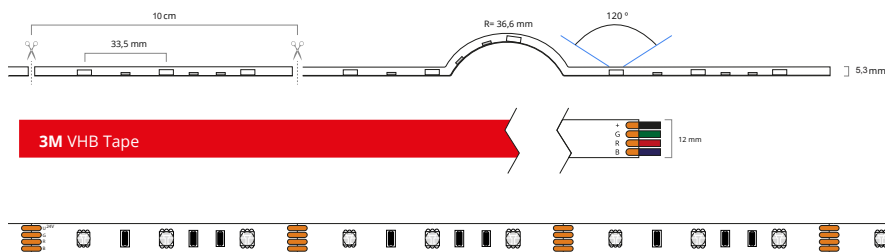
# TECHNISCHE TEKENINGEN



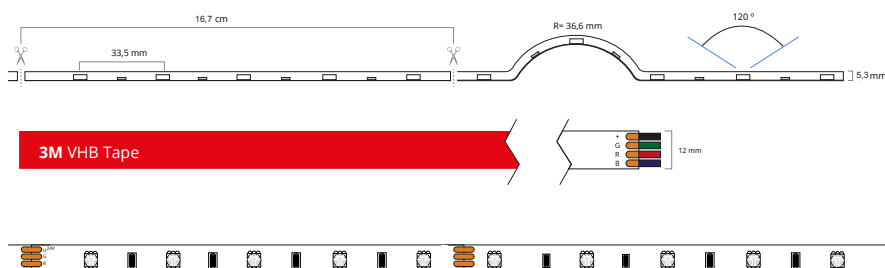
IP20 12V



IP20 24V



IP65/67 12V



IP65/67 24V

# DETAILFOTO'S



IP20



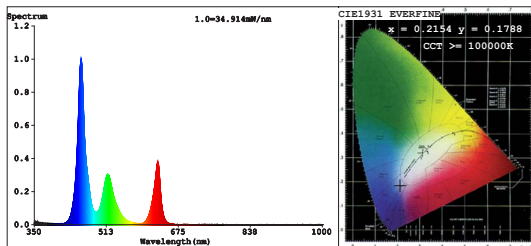
IP65



IP67

# SPECTRUM TESTRAPPORTEN

## 12 VOLT



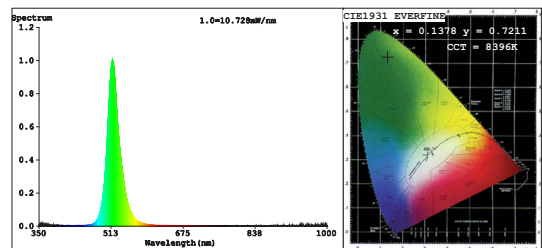
Color Parameters:  
 Chromaticity Coordinate:  $x=0.2154$   $y=0.1788$   $u'=0.1827$   $v'=0.3413$   
 CCT=100000K (Duv=-0.0384) Dominant WL:Ld =470.2nm Purity=56.3%  
 Ratio:R=21.6% G=64.1% B=14.4% Peak WL:Lp=455.7nm FWHM=16.7nm  
 Render Index:Ra=50.6 AvgR=41.2

R1 =32 R2 =50 R3 =67 R4 =64 R5 =53 R6 =48 R7 =70  
 R8 =21 R9 =0 R10=0 R11=40 R12=54 R13=30 R14=79 R15=11

Photo Parameters:  
 Flux = 252.3 lm Eff. : 38.79 lm/W Fe = 1.404 W

Electrical parameters:  
 V = 11.998 V I = 0.5422 A P = 6.505 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 122 ms Ip = 49809 (76%)



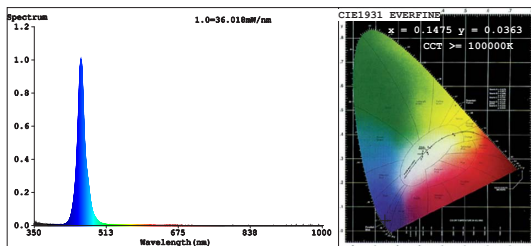
Color Parameters:  
 Chromaticity Coordinate:  $x=0.1378$   $y=0.7211$   $u'=0.0485$   $v'=0.5704$   
 CCT=8396K (Duv=0.1660) Dominant WL:Ld =520.8nm Purity=77.4%  
 Ratio:R=0.2% G=96.8% B=2.9% Peak WL:Lp=515.5nm FWHM=27.9nm  
 Render Index:Ra=0.0 AvgR=2.4

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=36 R15=0

Photo Parameters:  
 Flux = 164.5 lm Eff. : 69.55 lm/W Fe = 368.6 mW

Electrical parameters:  
 V = 11.998 V I = 0.1971 A P = 2.365 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 288 ms Ip = 46855 (71%)



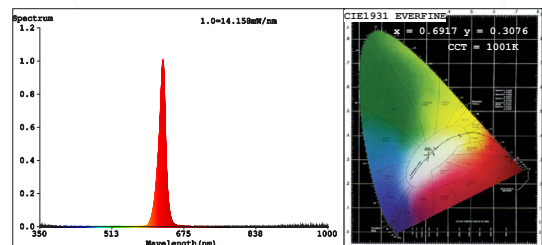
Color Parameters:  
 Chromaticity Coordinate:  $x=0.1475$   $y=0.0363$   $u'=0.1878$   $v'=0.1040$   
 CCT=100000K (Duv=-0.1968) Dominant WL:Ld =460.2nm Purity=98.0%  
 Ratio:R=0.7% G=13.5% B=85.8% Peak WL:Lp=455.3nm FWHM=16.5nm  
 Render Index:Ra=0.9 AvgR=0.8

R1 =0 R2 =0 R3 =0 R4 =0 R5 =7 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=5

Photo Parameters:  
 Flux = 37.38 lm Eff. : 16.02 lm/W Fe = 806.5 mW

Electrical parameters:  
 V = 11.998 V I = 0.1945 A P = 2.334 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 122 ms Ip = 51219 (78%)



Color Parameters:  
 Chromaticity Coordinate:  $x=0.6917$   $y=0.3076$   $u'=0.5213$   $v'=0.5216$   
 CCT=1001K (Duv=-0.0737) Dominant WL:Ld =620.3nm Purity=99.9%  
 Ratio:R=97.8% G=2.2% B=0.0% Peak WL:Lp=620.3nm FWHM=15.8nm  
 Render Index:Ra=24.8 AvgR=29.0

R1 =4 R2 =79 R3 =25 R4 =0 R5 =0 R6 =91 R7 =0  
 R8 =0 R9 =0 R10=72 R11=0 R12=78 R13=29 R14=57 R15=0

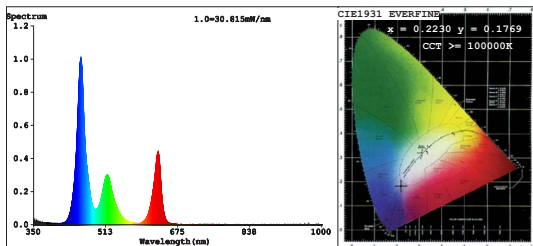
Photo Parameters:  
 Flux = 60.01 lm Eff. : 31.34 lm/W Fe = 272.2 mW

Electrical parameters:  
 V = 11.998 V I = 0.1596 A P = 1.915 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 288 ms Ip = 46467 (71%)

# SPECTRUM TESTRAPPORTEN

## 24 VOLT



**Color Parameters:**

Chromaticity Coordinate:  $x=0.2230$   $y=0.1769/u'=0.1907$   $v'=0.3404$   
 CCT=100000K (Duv=-0.0403) Dominant WL:Ld=467.2nm Purity=54.5%  
 Ratio:R=24.0% G=60.8% B=15.1% Peak WL:Lp=457.0nm FWHM=18.4nm  
 Render Index:Ra=37.0 AvgR=29.9

R1 =12 R2 =36 R3 =63 R4 =48 R5 =36 R6 =36 R7 =65  
 R8 =0 R9 =0 R10=0 R11=26 R12=39 R13=11 R14=76 R15=0

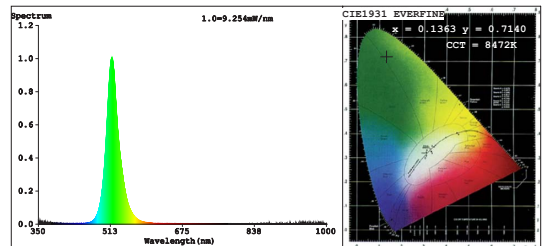
**Photo Parameters:**

Flux = 236.5 lm Eff. : 30.43 lm/W Fe = 1.362 W

**Electrical parameters:**

V = 23.997 V I = 0.3238 A P = 7.770 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 138 ms Ip = 50149 (77%)



**Color Parameters:**

Chromaticity Coordinate:  $x=0.1363$   $y=0.7140/u'=0.0483$   $v'=0.5689$   
 CCT=8472K (Duv=0.1657) Dominant WL:Ld=520.0nm Purity=76.1%  
 Ratio:R=0.2% G=96.4% B=3.3% Peak WL:Lp=515.9nm FWHM=28.5nm  
 Render Index:Ra=0.0 AvgR=2.5

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=38 R15=0

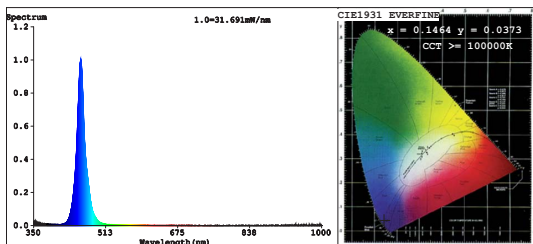
**Photo Parameters:**

Flux = 144.0 lm Eff. : 58.31 lm/W Fe = 326.7 mW

**Electrical parameters:**

V = 23.997 V I = 0.1029 A P = 2.469 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 363 ms Ip = 50936 (78%)



**Color Parameters:**

Chromaticity Coordinate:  $x=0.1464$   $y=0.0373/u'=0.1856$   $v'=0.1065$   
 CCT=100000K (Duv=-0.1950) Dominant WL:Ld=460.9nm Purity=98.0%  
 Ratio:R=0.5% G=12.6% B=86.9% Peak WL:Lp=456.3nm FWHM=17.9nm  
 Render Index:Ra=0.5 AvgR=0.5

R1 =0 R2 =0 R3 =0 R4 =0 R5 =4 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=3

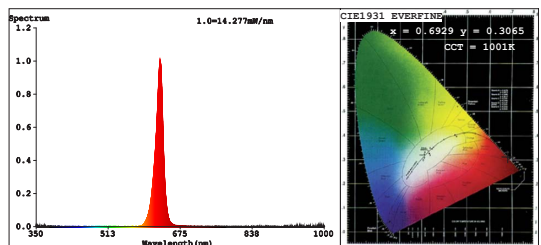
**Photo Parameters:**

Flux = 35.63 lm Eff. : 13.61 lm/W Fe = 762.1 mW

**Electrical parameters:**

V = 23.997 V I = 0.1091 A P = 2.618 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 138 ms Ip = 51386 (78%)



**Color Parameters:**

Chromaticity Coordinate:  $x=0.6929$   $y=0.3065/u'=0.5238$   $v'=0.5212$   
 CCT=1001K (Duv=-0.0762) Dominant WL:Ld=621.0nm Purity=99.8%  
 Ratio:R=96.8% G=3.2% B=0.0% Peak WL:Lp=629.3nm FWHM=17.2nm  
 Render Index:Ra=26.0 AvgR=29.9

R1 =6 R2 =79 R3 =29 R4 =0 R5 =1 R6 =91 R7 =2  
 R8 =0 R9 =0 R10=73 R11=0 R12=79 R13=31 R14=59 R15=0

**Photo Parameters:**

Flux = 62.23 lm Eff. : 23.55 lm/W Fe = 297.3 mW

**Electrical parameters:**

V = 23.997 V I = 0.1101 A P = 2.642 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 316 ms Ip = 51148 (78%)

# CE CERTIFICAAT

**AN XIN TESTING CERTIFICATION**

**Certificate of Conformity** 

**Certification No.** : AXJC2021080900349E

**Applicant** : LedKoning

**Address** : Rietveldweg 49D, DEN BOSCH, The Netherlands.

**Manufacturer** : LedKoning

**Address** : Rietveldweg 49D, DEN BOSCH, The Netherlands.

**Certification Marking** : CE-EMC

**Product Description** : 5050 RGB LED Strip

**Model** : RBLS30-1M1220(other in the model list)

**Trademark** : N/A

Sufficient samples of the product have been tested and found to be in conformity with

<b>Test Standards</b>	EN 55014-1:2017 EN 55014-2:2015+A1:2018 EN 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
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When tested as specified, the submitted sample complies with EMC Directives 2014/30/EU  
The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test laboratory logo.

**CE**

**ANXIN TESTING**

**Authorized Signer:** \_\_\_\_\_  
Kevin Liu /Manager  
Aug. 12, 2021

**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/>

# CE CERTIFICAAT

model list:

RBLS30-1M1265, RBLS30-1M2420, RBLS30-1M2465, RBLS30-2M1220, RBLS30-2M1265, RBLS30-2M2420, RBLS30-2M2465, RBLS30-3M1220, RBLS30-3M1265, RBLS30-3M2420, RBLS30-3M2465, RBLS30-4M1220, RBLS30-4M1265, RBLS30-4M2420, RBLS30-4M2465, RBLS30-5M1220, RBLS30-5M1265, RBLS30-5M2420, RBLS30-5M2465, RBLS60-1M1265, RBLS60-1M2420, RBLS60-1M2465, RBLS60-2M1220, RBLS60-2M1265, RBLS60-2M2420, RBLS60-2M2465, RBLS60-3M1220, RBLS60-3M1265, RBLS60-3M2420, RBLS60-3M2465, RBLS60-4M1220, RBLS60-4M1265, RBLS60-4M2420, RBLS60-4M2465, RBLS60-5M1220, RBLS60-5M1265, RBLS60-5M2420, RBLS60-5M2465, RBLS96-1M2465, RBLS96-2M2420, RBLS96-2M2465, RBLS96-3M2420, RBLS96-3M2465, RBLS96-4M2420, RBLS96-4M2465, RBLS96-5M2420, RBLS96-5M2465, RBLS96-6M2420, RBLS96-6M2465, RBLS96-7M2420, RBLS96-7M2465, RBLS96-8M2420, RBLS96-8M2465, RBLS96-9M2420, RBLS96-9M2465, RBLS96-10M2420, RBLS96-10M2465, RBLS120-1M2420, RBLS120-1M2465, RBLS120-2M2420, RBLS120-2M2465, RBLS120-3M2420, RBLS120-3M2465, RBLS120-4M2420, RBLS120-4M2465, RBLS120-5M2420, RBLS120-5M2465, RBLS120-6M2420, RBLS120-6M2465, RBLS120-7M2420, RBLS120-7M2465, RBLS120-8M2420, RBLS120-8M2465, RBLS120-9M2420, RBLS120-9M2465, RBLS120-10M2420, RBLS120-10M2465, AQLS-BL050CM, AQLS-BL075CM, AQLS-BL100CM, AQLS-BL150CM, AQLS-BL200CM, AQLS-BL250CM, AQLS-RB500CM, AQLS-RB050CM, AQLS-RB100CM, AQLS-RB150CM, AQLS-RB200CM, AQLS-RB250CM, AQLS-RB500CM, AQLS-WW050CM, AQLS-WW075CM, AQLS-WW100CM, AQLS-WW150CM, AQLS-WW200CM, AQLS-WW250CM, AQLS-HW100CM, AQLS-HW150CM, AQLS-HW200CM, AQLS-HW250CM, AQLS-HW500CM

  
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