



# LEDChampion

# RGB PREMIUM LED STREIFEN



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

LEDS p/m 60	Lumen p/m 541,7	Watt p/m 13,7	120°	Dimmbar	5 Jahre	CE
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## EIGENSCHAFTEN

### Allgemeine Eigenschaften

Dimmbar	Ja	
3M Klebestreifen über die gesamte Länge	Ja	
Garantie	5 Jahre	
Auf Maß zuschneiden	12V: Alle 5cm	24V: Alle 10 cm

### LED's und Licht

Anzahl LEDs p/m	60 LEDs/m
Typ LED	5050 SMD
Marke LED	Epistar
Strahlungswinkel	120°
Farbe	RGB multicolor
Farbetemperatur (Kelvin)	-
CRI	-
Anzahl der Brennstunden	50.000

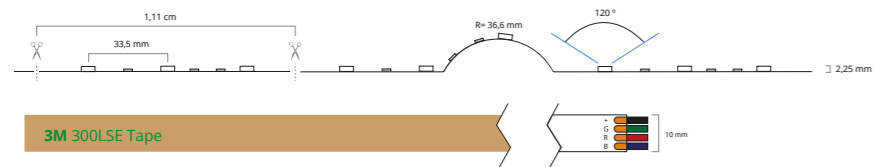
### Technische Eigenschaften

Lichtleistung (lumen) p/m	12V : 514,9 Lumen	24V : 541,7 Lumen
Voltage (DC)	12 of 24V	
Watt - Leistung p/m	12V : 13,7W	24V : 12,7W
Lumen pro Watt	12V : 37,58 lm	24V : 42,65 lm
Watt pro LED	12V : 0,228W	24V : 0,212W

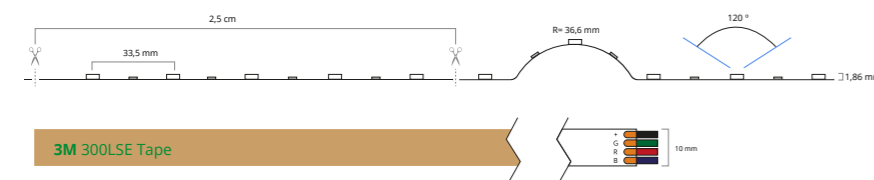
### Streifen Eigenschaften

Schutz	IP20, IP65 oder IP67		
Material wasserdichter Schutz (IP65/IP67)	Siliconen		
Hintergrundfarbe Streifen (PCB)	Weiß		
Klebestreifen	IP20: 3M 300LSE	IP65: 3M VHB	IP67: 3M VHB
Breite LED Streifen	IP20: 10mm	IP65: 12mm	IP67: 12mm
Dicke LED Streifen	IP20: 1,9mm	IP65: 5,3mm	IP67: 5,3mm
Anschluss am Anfang	4-poliger Stecker Typ Frau+Mann		
Anschluss am Ende	4-poliger Stecker Typ Frau		

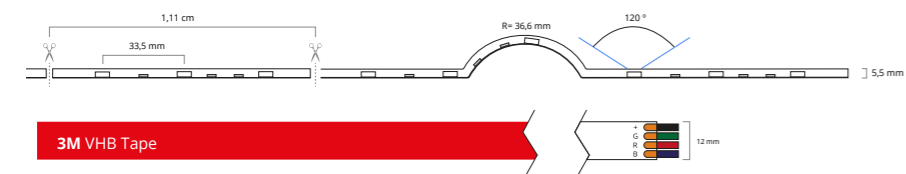
# TECHNISCHE ZEICHNUNG



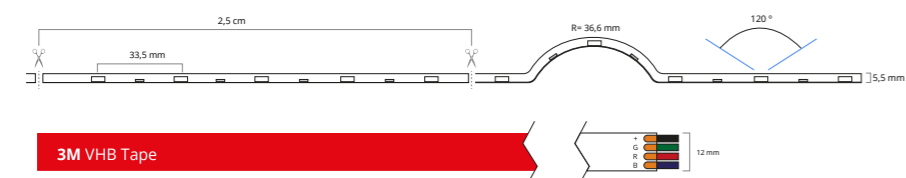
IP20 12V



IP20 24V



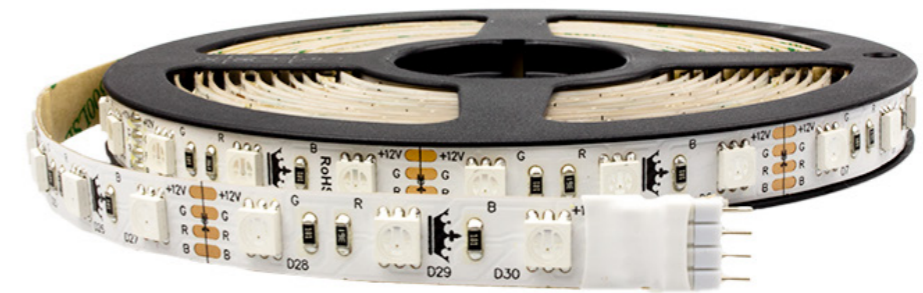
IP65/67 12V



IP65/67 24V

# DETAILFOTOS

IP20



IP65

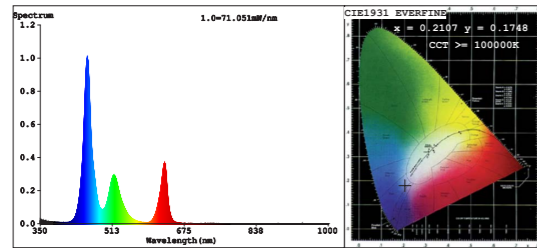


IP67



# SPEKTRUM TESTBERICHTE

## 12 VOLT



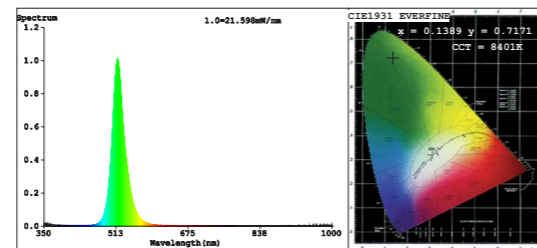
Color Parameters:  
Chromaticity Coordinate:  $x=0.2107$   $y=0.1748$   $u'=0.1802$   $v'=0.3364$   
CCT=100000K (Duv=-0.0417) Dominant WL:Ld =470.6nm Purity=58.2%  
Ratio:R=20.4% G=64.3% B=15.3% Peak WL:Lp=456.3nm FWHM=17.7nm  
Render Index:Ra=52.9 AvgR=43.6

R1 =37 R2 =50 R3 =65 R4 =74 R5 =57 R6 =48 R7 =69  
R8 =23 R9 =0 R10=0 R11=50 R12=54 R13=33 R14=78 R15=14

Photo Parameters:  
Flux = 514.9 lm Eff. : 37.66 lm/W Fe = 2.947 W

Electrical parameters:  
V = 11.998 V I = 1.140 A P = 13.67 W PF = 1.000  
LEVEL:OUT WHITE:OUT

Status: Integral T = 62 ms Ip = 51664 (79%)



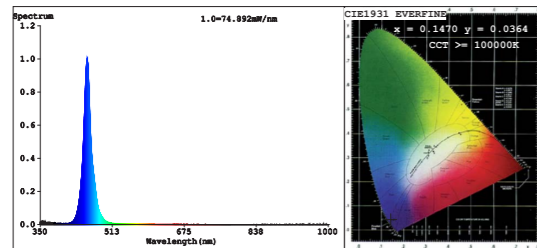
Color Parameters:  
Chromaticity Coordinate:  $x=0.1389$   $y=0.7171$   $u'=-0.0491$   $v'=-0.5698$   
CCT=8401K (Duv=0.1653) Dominant WL:Ld =520.7nm Purity=76.7%  
Ratio:R=0.2% G=96.7% B=3.1% Peak WL:Lp=515.2nm FWHM=28.8nm  
Render Index:Ra=0.0 AvgR=2.5

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 = 339.6 lm Eff. : 69.57 lm/W Fe = 761.6 mW

Electrical parameters:  
V = 11.998 V I = 0.4069 A P = 4.882 W PF = 1.000  
LEVEL:OUT WHITE:OUT

Status: Integral T = 156 ms Ip = 51028 (78%)



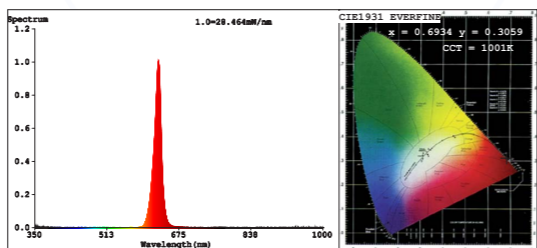
Color Parameters:  
Chromaticity Coordinate:  $x=0.1470$   $y=0.0364$   $u'=0.1871$   $v'=0.1042$   
CCT=100000K (Duv=-0.1966) Dominant WL:Ld =460.5nm Purity=98.1%  
Ratio:R=0.6% G=12.5% B=86.9% Peak WL:Lp=456.0nm FWHM=17.2nm  
Render Index:Ra=0.6 AvgR=0.5

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 = 80.29 lm Eff. : 16.45 lm/W Fe = 1.748 W

Electrical parameters:  
V = 11.998 V I = 0.4069 A P = 4.882 W PF = 1.000  
LEVEL:OUT WHITE:OUT

Status: Integral T = 62 ms Ip = 54357 (83%)



Color Parameters:  
Chromaticity Coordinate:  $x=0.6934$   $y=0.3059$   $u'=0.5248$   $v'=-0.5210$   
CCT=1001K (Duv=-0.0773) Dominant WL:Ld =621.2nm Purity=99.8%  
Ratio:R=98.0% G=2.0% B=0.0% Peak WL:Lp=629.0nm FWHM=16.2nm  
Render Index:Ra=25.2 AvgR=29.3

R1 =5 R2 =79 R3 =26 R4 =0 R5 =0 R6 =91 R7 =0  
R8 =0 R9 =0 R10=73 R11=0 R12=78 R13=30 R14=57 R15=0

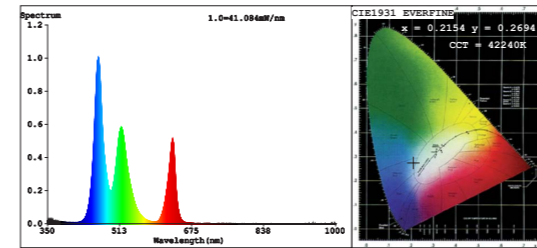
Photo Parameters:  
Flux = 119.2 lm Eff. : 29.28 lm/W Fe = 561.1 mW

Electrical parameters:  
V = 11.998 V I = 0.3392 A P = 4.070 W PF = 1.000  
LEVEL:OUT WHITE:OUT

Status: Integral T = 156 ms Ip = 50392 (77%)

# SPEKTRUM TESTBERICHTE

## 24 VOLT



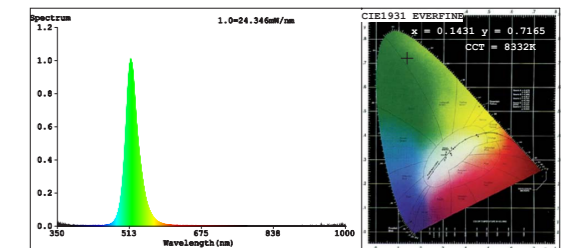
Color Parameters:  
Chromaticity Coordinate:  $x=0.2154$   $y=0.2694$   $u'=0.1485$   $v'=0.4179$   
CCT=42240K (Duv=0.0343) Dominant WL:Ld =484.4nm Purity=45.0%  
Ratio:R=15.5% G=71.2% B=13.3% Peak WL:Lp=464.5nm FWHM=20.8nm  
Render Index:Ra=68.0 AvgR=60.1

R1 =71 R2 =70 R3 =69 R4 =82 R5 =85 R6 =66 R7 =61  
R8 =39 R9 =0 R10=29 R11=71 R12=65 R13=61 R14=80 R15=53

Photo Parameters:  
Flux = 541.7 lm Eff. : 42.70 lm/W Fe = 2.363 W

Electrical parameters:  
V = 23.997 V I = 0.5287 A P = 12.69 W PF = 1.000  
LEVEL:OUT WHITE:OUT

Status: Integral T = 69 ms Ip = 35235 (54%)



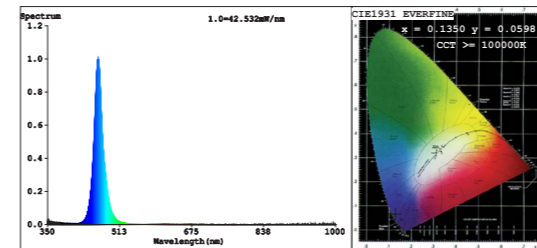
Color Parameters:  
Chromaticity Coordinate:  $x=0.1431$   $y=0.7165$   $u'=-0.0506$   $v'=-0.5701$   
CCT=8332K (Duv=0.1640) Dominant WL:Ld =521.4nm Purity=76.6%  
Ratio:R=0.3% G=96.8% B=2.9% Peak WL:Lp=515.2nm FWHM=29.4nm  
Render Index:Ra=0.0 AvgR=2.5

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 = 392.0 lm Eff. : 89.21 lm/W Fe = 873.5 mW

Electrical parameters:  
V = 23.997 V I = 0.1831 A P = 4.394 W PF = 1.000  
LEVEL:OUT WHITE:OUT

Status: Integral T = 139 ms Ip = 51249 (78%)



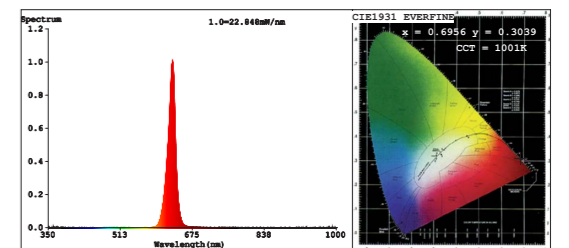
Color Parameters:  
Chromaticity Coordinate:  $x=0.1350$   $y=0.0598$   $u'=0.1567$   $v'=0.1561$   
CCT=100000K (Duv=-0.1637) Dominant WL:Ld =468.3nm Purity=96.8%  
Ratio:R=0.5% G=16.1% B=83.4% Peak WL:Lp=464.1nm FWHM=19.9nm  
Render Index:Ra=0.6 AvgR=0.4

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=1

Photo Parameters:  
Flux = 72.95 lm Eff. : 17.43 lm/W Fe = 1.096 W

Electrical parameters:  
V = 23.997 V I = 0.1744 A P = 4.185 W PF = 1.000  
LEVEL:OUT WHITE:OUT

Status: Integral T = 69 ms Ip = 36369 (55%)



Color Parameters:  
Chromaticity Coordinate:  $x=0.6956$   $y=0.3039$   $u'=0.5294$   $v'=-0.5204$   
CCT=1001K (Duv=-0.0819) Dominant WL:Ld =622.3nm Purity=99.9%  
Ratio:R=98.2% G=1.8% B=0.0% Peak WL:Lp=630.6nm FWHM=17.1nm  
Render Index:Ra=25.1 AvgR=29.3

R1 =4 R2 =79 R3 =27 R4 =0 R5 =0 R6 =91 R7 =0  
R8 =0 R9 =0 R10=73 R11=0 R12=79 R13=30 R14=57 R15=0


Photo Parameters:  
Flux = 94.45 lm Eff. : 23.65 lm/W Fe = 466.7 mW

Electrical parameters:  
V = 23.997 V I = 0.1664 A P = 3.993 W PF = 1.000  
LEVEL:OUT WHITE:OUT

Status: Integral T = 139 ms Ip = 35897 (55%)

# CE ZERTIFIKAT

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**Certificate of Conformity** 

**Certification No.** : AXJC2021080900349E

**Applicant** : LedKoning

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

**Manufacturer** : LedKoning

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

**Certification Marking** : CE-EMC

**Product Description** : 5050 RGB LED Strip

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

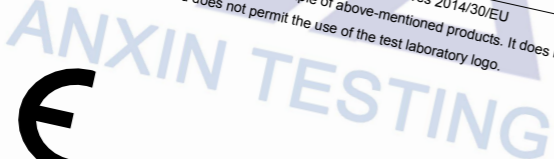
**Trademark** : N/A

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

Test Standards	EN 55014-1:2017
	EN 55014-2:2015+A1:2018
	EN 61000-3-2:2019

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** 

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/

**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, RBLS96-1M1220, RBLS96-1M2465, RBLS96-2M2420, RBLS96-2M2465, RBLS96-3M1220, 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, 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, RBLS120-11M2420, RBLS120-11M2465, RBLS120-12M2420, RBLS120-12M2465, AQLS-BL075CM, AQLS-BL100CM, AQLS-BL150CM, AQLS-BL200CM, AQLS-BL250CM, AQLS-BL500CM, AQLS-RB050CM, AQLS-RB075CM, AQLS-RB100CM, AQLS-RB150CM, AQLS-RB200CM, AQLS-RB250CM, AQLS-RB500CM, AQLS-WW050CM, AQLS-WW075CM, AQLS-WW100CM, AQLS-WW150CM, AQLS-WW200CM, AQLS-WW250CM, AQLS-WW500CM, AQLS-HW050CM, AQLS-HW075CM, AQLS-HW100CM, AQLS-HW150CM, AQLS-HW200CM, AQLS-HW250CM, AQLS-HW500CM

  
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