



LedKoning

RGB PREMIUM LED STRIP



R **G** **B**

LEDS
p/m
60

Lumen
p/m
541,7

Watt
p/m
13,7

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 5cm	24V: elke 10 cm

LED's en licht

Aantal LED's p/m	60 leds/m
Type LED	5050 SMD
Merk LED	Epistar
Stralingshoek	120°
Kleur	RGB multicolor
Kleurtemperatuur (Kelvin)	-
CRI	-
Aantal branduren	50.000

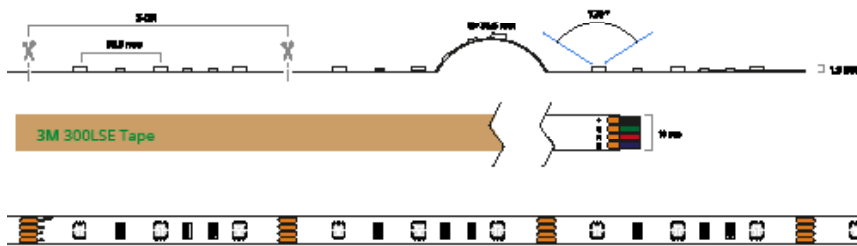
Technische specificaties

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

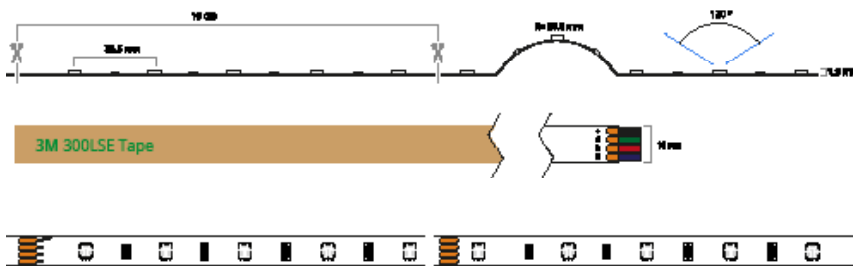
Strip eigenschappen

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		

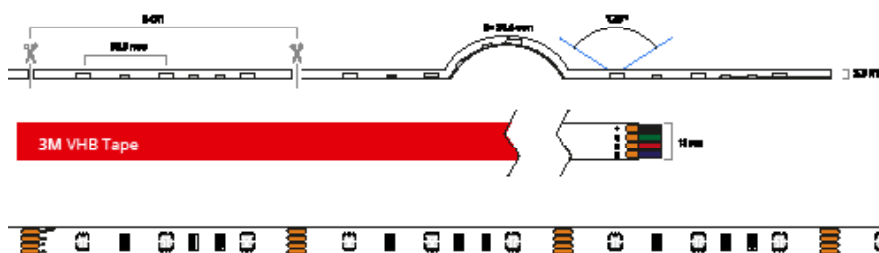
TECHNISCHE TEKENINGEN



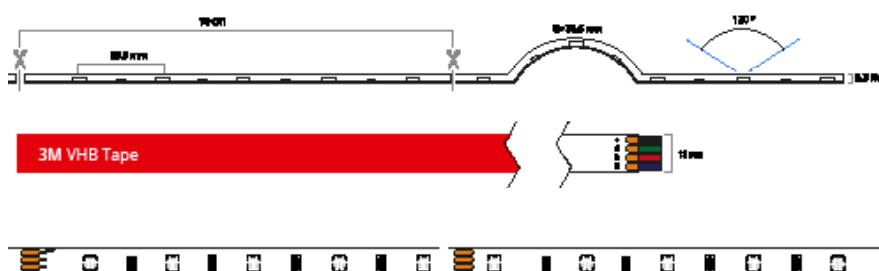
IP20 12V



IP20 24V



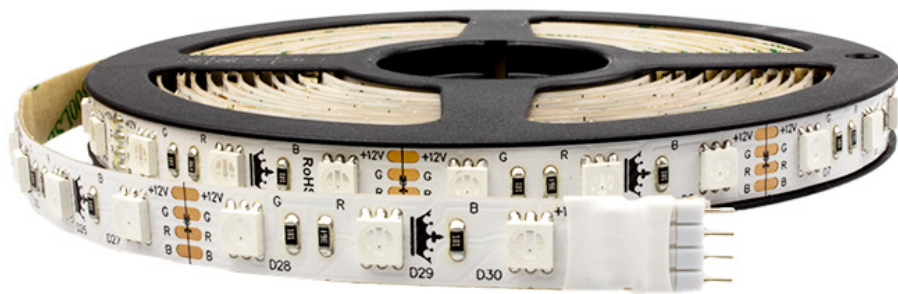
IP65/67 12V



IP65/67 24V

DETAILFOTO'S

IP20



IP65

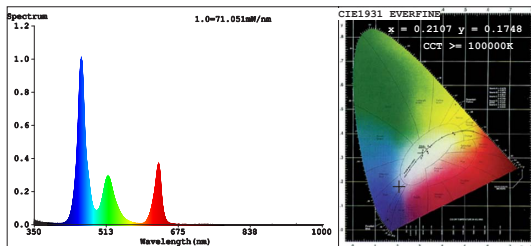


IP67



SPECTRUM TESTRAPPORTEN

12 VOLT



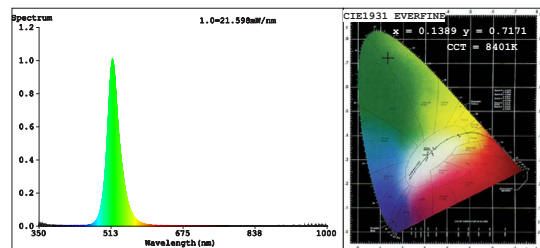
Color Parameters:
 Chromaticity Coordinate: $x=0.2107$ $y=0.1748$ $u'=0.1802$ $v'=0.3364$
 CCT=100000K (Duv=-0.0417) Dominant WL:Ld =470.6nm Purity=58.2%
 Ratio:R=20.4% G=64.3% B=15.3% Peak WL:Lp=456.3nm FWHM=17.7nm
 Render Index:Ra=52.9 AvgR=43.6

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%)



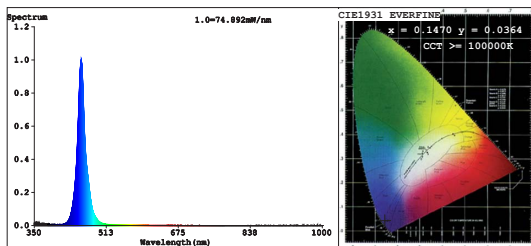
Color Parameters:
 Chromaticity Coordinate: $x=0.1389$ $y=0.7171$ $u'=0.0491$ $v'=0.5698$
 CCT=8401K (Duv=0.1653) Dominant WL:Ld =520.7nm Purity=76.7%
 Ratio:R=0.2% G=96.7% B=3.1% Peak WL:Lp=515.2nm FWHM=28.8nm
 Render Index:Ra=0.0 AvgR=2.5

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%)



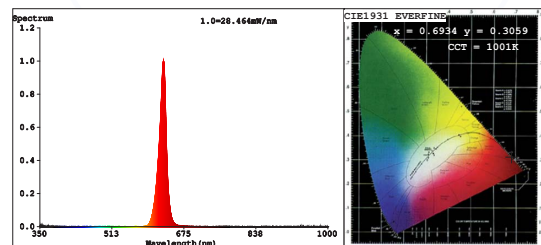
Color Parameters:
 Chromaticity Coordinate: $x=0.1470$ $y=0.0364$ $u'=0.1871$ $v'=0.1042$
 CCT=100000K (Duv=-0.1966) Dominant WL:Ld =460.5nm Purity=98.1%
 Ratio:R=0.6% G=12.5% B=86.9% Peak WL:Lp=456.0nm FWHM=17.2nm
 Render Index:Ra=0.6 AvgR=0.5

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

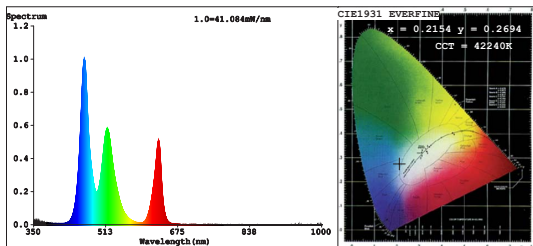
Photo Parameters:
 Flux = 119.2 lm Eff. : 29.28 lm/W Fe = 561.1 mW

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%)

SPECTRUM TESTRAPPORTEN

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 =62 R5 =85 R6 =66 R7 =61
 R8 =39 R9 =0 R10=29 R11=71 R12=65 R13=61 R14=80 R15=53

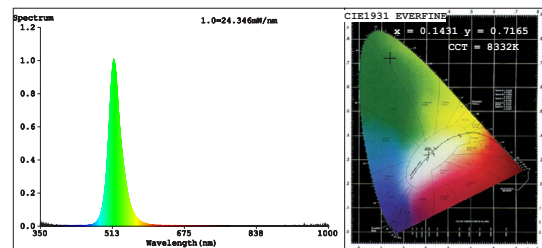
Photo Parameters:

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

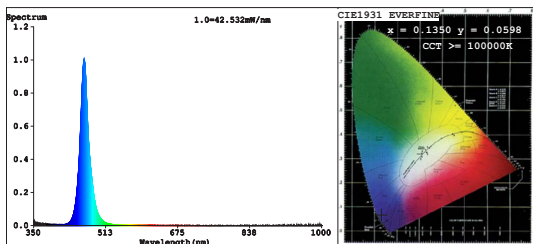
Photo Parameters:

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

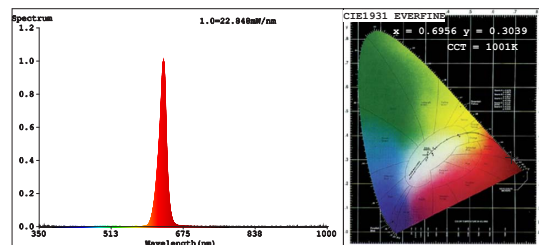
Photo Parameters:

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 = 23.998 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 CERTIFICAAT

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

Test Standards	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.



ANXIN TESTING

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

AN XIN TESTING CERTIFICATION

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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