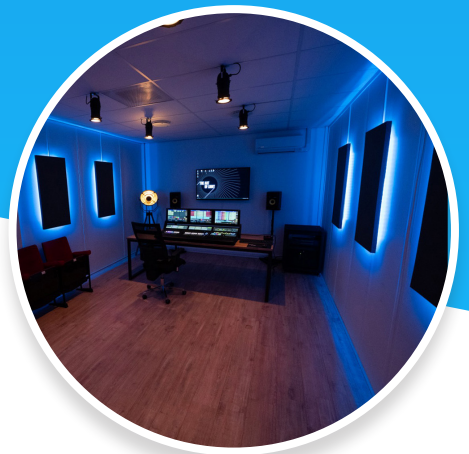
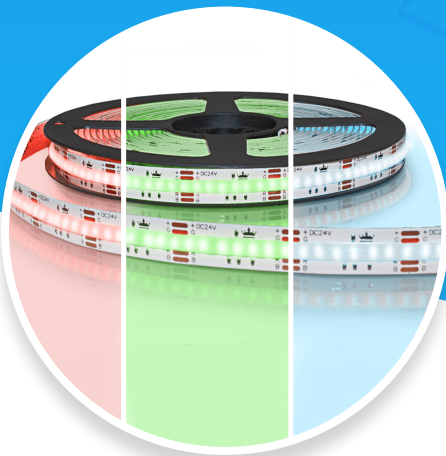




LedKoning

RGB PRIME LED STRIP



R **G** **B**

LEDS
p/m
840

Lumen
p/m
481,5

Watt
p/m
14,28

180°

Dimbaar

5
Jaar

CE

SPECIFICATIES

Algemene kenmerken

Dimbaar	Ja	
3M plakstrip over gehele lengte	Ja	
Garantie	5 jaar	
Op maat te knippen	12V: elke 1,11cm	24V: elke 2,5 cm

LED's en licht

Aantal LED's p/m	12V : 810 leds/m	24V : 840 leds/m
Type LED	COB	
Merk LED	SanAn	
Stralingshoek	180°	
Kleur	RGB multicolor	
Kleurtemperatuur (Kelvin)	-	
CRI	-	
Aantal branduren	50.000	

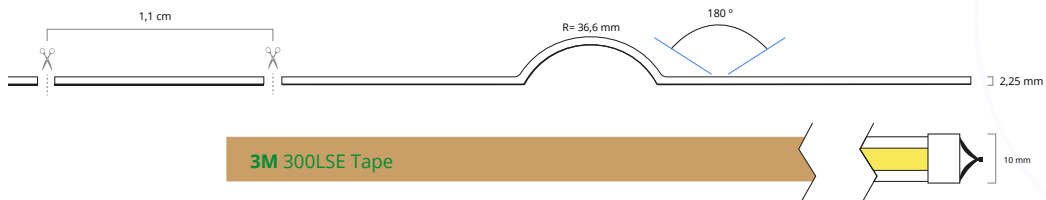
Technische specificaties

Lichtsterkte (lumen) p/m	12V : 433 Lumen	24V : 481,5 Lumen
Voltage (DC)	12 of 24V	
Watt - vermogen p/m	12V : 14,6W	24V : 14,28W
Lumen per watt	12V : 29,66 lm	24V : 33,72 lm
Watt per LED	12V : 0,018W	24V : 0,017W

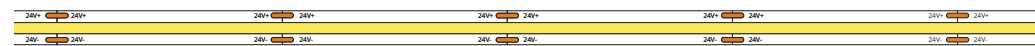
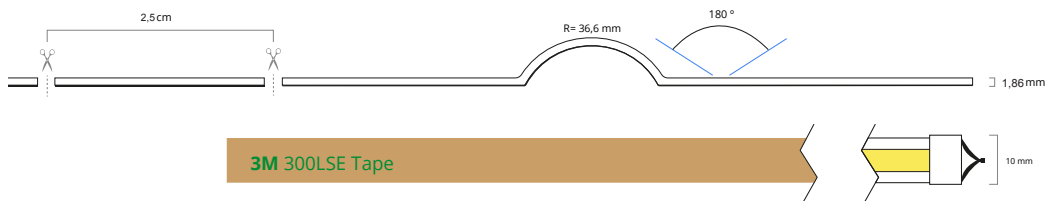
Strip eigenschappen

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: 12V : 2,25mm 24V : 1,86mm	IP65: 5,5mm	IP67: 5,5mm
Aansluiting begin	4-pins stekker type vrouw+man		
Aansluiting einde	4-pins stekker type vrouw		

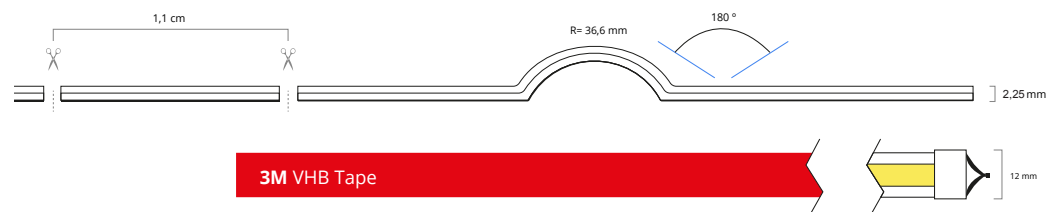
TECHNISCHE TEKENINGEN



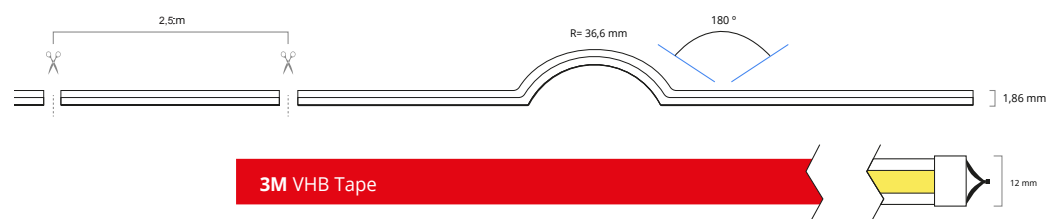
IP20 12V



IP20 24V



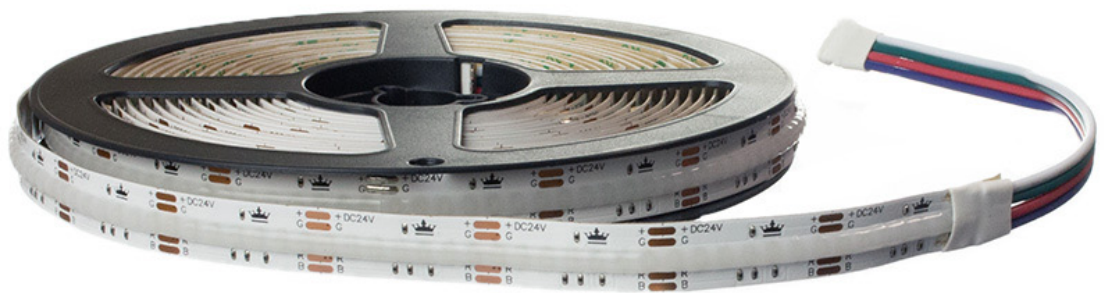
IP65/67 12V



IP65/67 24V

DETAILFOTO'S

IP20



IP65

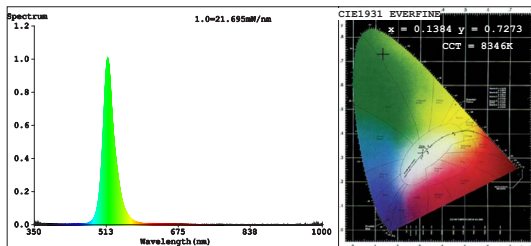


IP67



SPECTRUM TESTRAPPORTEN

12 VOLT



Color Parameters:

Chromaticity Coordinate: $x=0.1384$ $y=0.7273/u'=0.0483$ $v'=0.5716$
 CCT=8346K (Duv=0.1665) Dominant WL:Ld =521.5nm Purity=78.7%
 Ratio:R=0.4% G=97.3% B=2.4% Peak WL:Lp=515.6nm FWHM=26.0nm
 Render Index:Ra=0.0 AvgR=2.3

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=34 R15=0

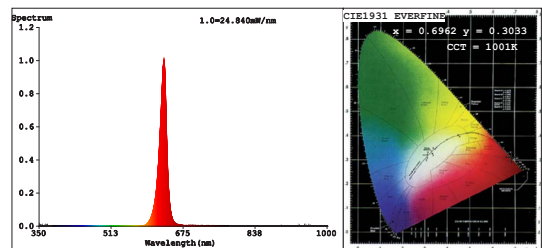
Photo Parameters:

Flux = 317.1 lm Eff. : 80.24 lm/W Fe = 705.7 mW

Electrical parameters:

V = 11.998 V I = 0.3294 A P = 3.952 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 125 ms Ip = 41108 (63%)



Color Parameters:

Chromaticity Coordinate: $x=0.6962$ $y=0.3033/u'=0.5307$ $v'=0.5202$
 CCT=1001K (Duv=-0.0832) Dominant WL:Ld =622.6nm Purity=99.9%
 Ratio:R=97.2% G=2.7% B=0.0% Peak WL:Lp=631.9nm FWHM=16.4nm
 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=30 R14=59 R15=0

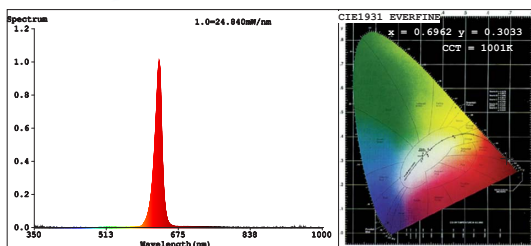
Photo Parameters:

Flux = 97.11 lm Eff. : 16.30 lm/W Fe = 496.8 mW

Electrical parameters:

V = 11.998 V I = 0.4965 A P = 5.957 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 125 ms Ip = 34990 (53%)



Color Parameters:

Chromaticity Coordinate: $x=0.6962$ $y=0.3033/u'=0.5307$ $v'=0.5202$
 CCT=1001K (Duv=-0.0832) Dominant WL:Ld =622.6nm Purity=99.9%
 Ratio:R=97.2% G=2.7% B=0.0% Peak WL:Lp=631.9nm FWHM=16.4nm
 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=30 R14=59 R15=0

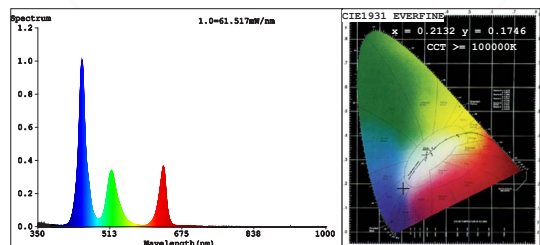
Photo Parameters:

Flux = 97.11 lm Eff. : 16.30 lm/W Fe = 496.8 mW

Electrical parameters:

V = 11.998 V I = 0.4965 A P = 5.957 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 125 ms Ip = 34990 (53%)



Color Parameters:

Chromaticity Coordinate: $x=0.2132$ $y=0.1746/u'=0.1827$ $v'=0.3366$
 CCT=100000K (Duv=-0.0416) Dominant WL:Ld =469.9nm Purity=57.5%
 Ratio:R=19.4% G=69.6% B=11.0% Peak WL:Lp=449.8nm FWHM=15.9nm
 Render Index:Ra=57.6 AvgR=48.5

R1 =42 R2 =69 R3 =83 R4 =49 R5 =57 R6 =65 R7 =77
 R8 =17 R9 =0 R10=19 R11=22 R12=76 R13=45 R14=86 R15=19

Photo Parameters:

Flux = 433.3 lm Eff. : 29.68 lm/W Fe = 2.477 W

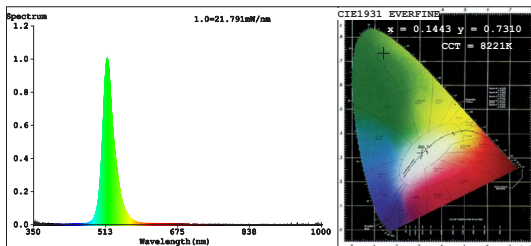
Electrical parameters:

V = 11.998 V I = 1.217 A P = 14.60 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 62 ms Ip = 41731 (64%)

SPECTRUM TESTRAPPORTEN

24 VOLT



Color Parameters:

Chromaticity Coordinate: $x=0.1443$ $y=0.7310/u'=0.0503$ $v'=0.5729$
 CCT=8221K (Duv=0.1653) Dominant WL: $\lambda_d=522.8\text{nm}$ Purity=79.8%
 Ratio: R=0.4% G=97.6% B=2.0% Peak WL: $\lambda_p=516.5\text{nm}$ FWHM=26.3nm
 Render Index: Ra=0.0 AvgR=2.3

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 = 34 R15 = 0

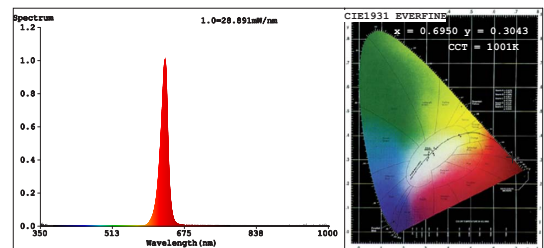
Photo Parameters:

Flux = 326.4 lm Eff. : 91.54 lm/W Fe = 712.2 mW

Electrical parameters:

V = 23.997 V I = 0.1486 A P = 3.566 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 120 ms Ip = 39665 (61%)



Color Parameters:

Chromaticity Coordinate: $x=0.6950$ $y=0.3043/u'=0.5283$ $v'=0.5205$
 CCT=1001K (Duv=-0.0808) Dominant WL: $\lambda_d=622.1\text{nm}$ Purity=99.8%
 Ratio: R=96.9% G=3.1% B=0.0% Peak WL: $\lambda_p=631.3\text{nm}$ FWHM=16.7nm
 Render Index: Ra=26.4 AvgR=30.2

R1 = 7 R2 = 79 R3 = 29 R4 = 0 R5 = 2 R6 = 91 R7 = 3
 R8 = 0 R9 = 0 R10 = 73 R11 = 0 R12 = 79 R13 = 31 R14 = 59 R15 = 0

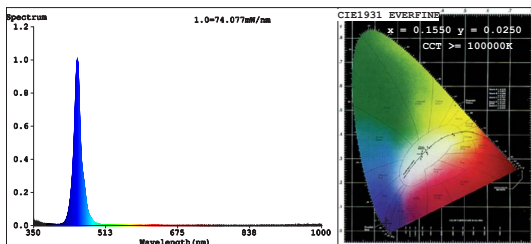
Photo Parameters:

Flux = 116.6 lm Eff. : 19.87 lm/W Fe = 586.2 mW

Electrical parameters:

V = 23.997 V I = 0.2445 A P = 5.867 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 120 ms Ip = 39160 (60%)



Color Parameters:

Chromaticity Coordinate: $x=0.1550$ $y=0.0250/u'=0.2073$ $v'=0.0751$
 CCT=100000K (Duv=-0.2175) Dominant WL: $\lambda_d=453.5\text{nm}$ Purity=98.8%
 Ratio: R=1.1% G=11.4% B=87.5% Peak WL: $\lambda_p=448.8\text{nm}$ FWHM=15.0nm
 Render Index: Ra=1.1 AvgR=1.2

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 9 R6 = 0 R7 = 0
 R8 = 0 R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0 R14 = 0 R15 = 10

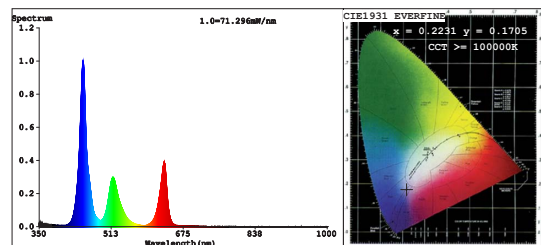
Photo Parameters:

Flux = 51.46 lm Eff. : 10.44 lm/W Fe = 1.571 W

Electrical parameters:

V = 23.997 V I = 0.2055 A P = 4.931 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 60 ms Ip = 48184 (74%)



Color Parameters:

Chromaticity Coordinate: $x=0.2231$ $y=0.1705/u'=0.1940$ $v'=0.3336$
 CCT=100000K (Duv=-0.0456) Dominant WL: $\lambda_d=465.2\text{nm}$ Purity=55.6%
 Ratio: R=22.6% G=66.8% B=10.6% Peak WL: $\lambda_p=448.9\text{nm}$ FWHM=15.3nm
 Render Index: Ra=46.2 AvgR=36.9

R1 = 23 R2 = 60 R3 = 82 R4 = 32 R5 = 43 R6 = 57 R7 = 73
 R8 = 0 R9 = 0 R10 = 2 R11 = 4 R12 = 67 R13 = 28 R14 = 83 R15 = 0

Photo Parameters:

Flux = 481.5 lm Eff. : 33.71 lm/W Fe = 2.795 W

Electrical parameters:

V = 23.997 V I = 0.5951 A P = 14.28 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 60 ms Ip = 46529 (71%)

CE CERTIFICAAT

AN XIN TESTING CERTIFICATION

Certificate of Conformity



Certification No. : AXJC2021081100442E

Applicant : LedKoning

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

Manufacturer : LedKoning

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

Certification Marking : CE-EMC

Product Description : COB RGB LED Strip

Model : CBRBLS-84001M2420, CBRBLS-84002M2420, CBRBLS-84003M2420, CBRBLS-84004M2420, CBRBLS-84005M2420, CBRBLS-84001M2465, CBRBLS-84002M2465, CBRBLS-84003M2465, CBRBLS-84004M2465, CBRBLS-84005M2465

Rating : N/A

Trademark : DC24V, 0.65A, 15.6W

The above products have been tested by us with listed standards and found in compliance with the Directive 2014/35/EU. It is possible to use CE marking to demonstrate the compliance with this Directive.

Test Standards	EN 55015: 2019 EN 61547: 2009 EN 61000-3-2:2019 EN 61000-3-3: 2013+A1:2019
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The certificate is based on a single evaluation of tested samples of above-mentioned product. It does not imply an assessment of the whole production and does not permit the use of the test laboratory logo.



Authorized Signer: Kevin Liu /Manager
Oct, 19, 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
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