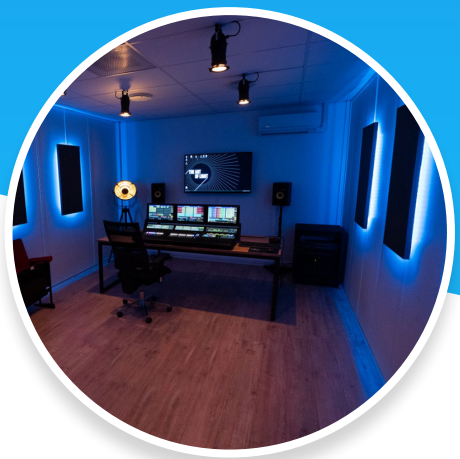




LEDChampion

RGB PRIME LED STREIFEN



LEDS
p/m
840

Lumen
p/m
481,5

Watt
p/m
14,72

180°

Dimmbar

5
Jahre

CE

EIGENSCHAFTEN

Allgemeine Eigenschaften

Dimmbar	Ja	
3M Klebestreifen über die gesamte Länge	Ja	
Garantie	5 Jahre	
Auf Maß zuschneiden	12V: Alle 1,11cm	24V: Alle 2,5 cm

LED's und Licht

Anzahl LEDs p/m	12V : 810 LEDs/m	24V : 840 LEDs/m
Typ LED	COB	
Marke LED	SanAn	
Strahlungswinkel	180°	
Farbe	RGB Mehrfarbig	
Farbtemperatur (Kelvin)	-	
CRI	-	
Anzahl der Brennstunden	50.000	

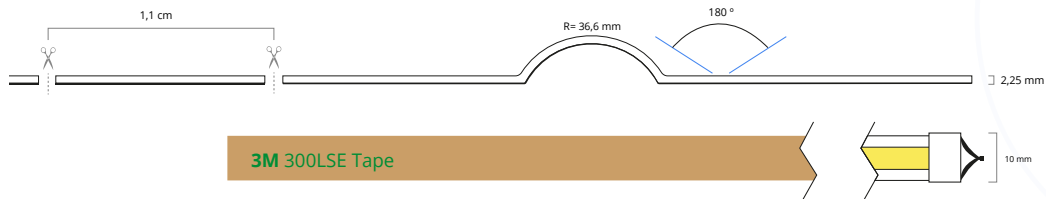
Technische Eigenschaften

Lichtleistung (lumen) p/m	12V : 433 Lumen	24V : 481,5 Lumen
Voltage (DC)	12 oder 24V	
Watt – Leistung p/m	12V : 14,6W	24V : 14,28W
Lumen pro watt	12V : 29,66 lm	24V : 33,72 lm
Watt pro LED	12V : 0,018W	24V : 0,017W

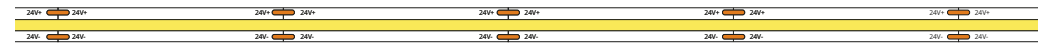
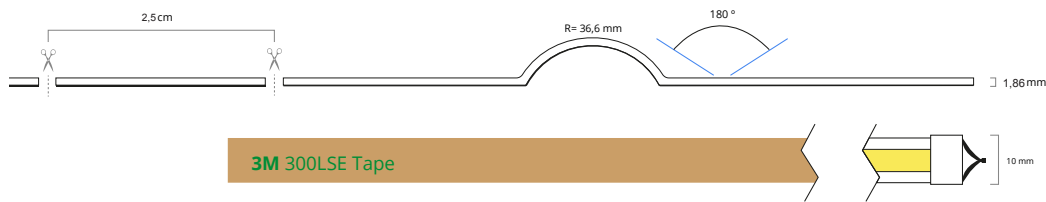
Streifen Eigenschaften

Schutz	IP20, IP65 oder IP67		
Material wasserdichter Schutz (IP65/IP67)	Silikon		
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: 12V : 2,25mm 24V : 1,86mm	IP65: 5,5mm	IP67: 5,5mm
Anschluss am Anfang	4-poliger Stecker Typ Frau+Mann		
Anschluss am Ende	4-poliger Stecker Typ Frau		

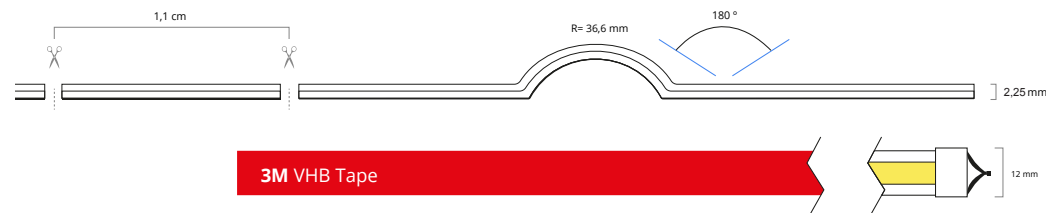
TECHNISCHE ZEICHNUNG



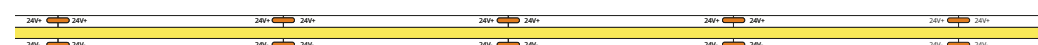
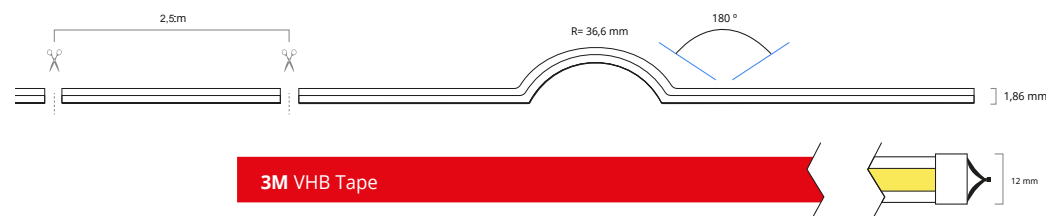
IP20 12V



IP20 24V



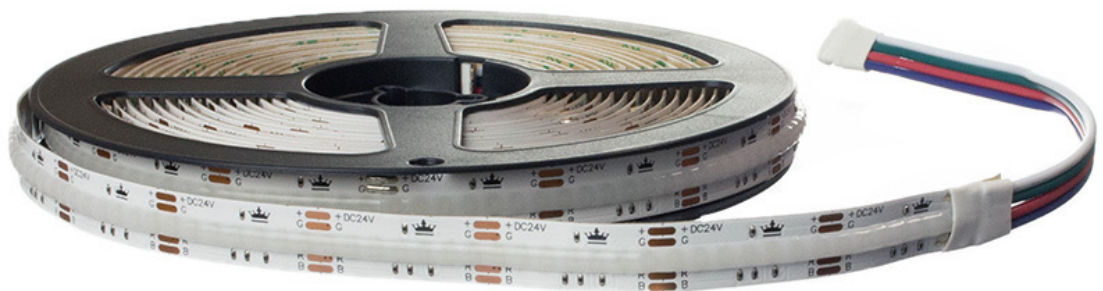
IP65/67 12V



IP65/67 24V

DETAILFOTO'S

IP20



IP65

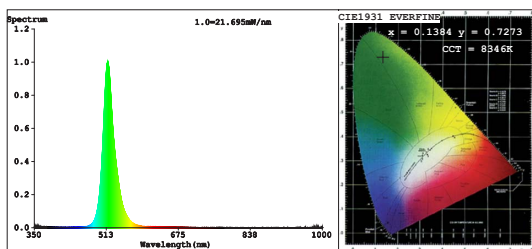


IP67



SPEKTRUM TESTBERICHTE

12 VOLT



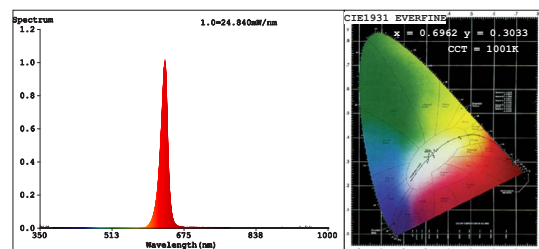
Color Parameters:
 Chromaticity Coordinate: $x=0.1384$ $y=0.7273/u'=0.0483$ $v'=0.5716$
 CCT=8346K (Duv=0.1665) Dominant WL:Ld =521.5nm Purity=78.7%
 Ratio:R=0.4% G=97.3% B=2.4% Peak WL:Lp=515.6nm FWHM=26.0nm
 Render Index:Ra=0.0 AvgR=2.3

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%)



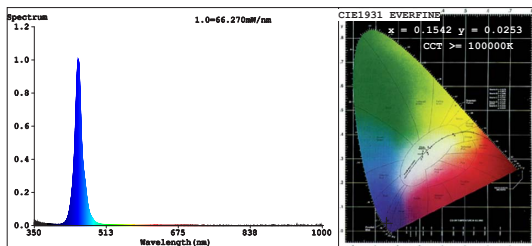
Color Parameters:
 Chromaticity Coordinate: $x=0.6962$ $y=0.3033/u'=0.5307$ $v'=0.5202$
 CCT=1001K (Duv=-0.0832) Dominant WL:Ld =622.6nm Purity=99.9%
 Ratio:R=97.2% G=2.7% B=0.0% Peak WL:Lp=631.9nm FWHM=16.4nm
 Render Index:Ra=26.0 AvgR=29.9

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%)



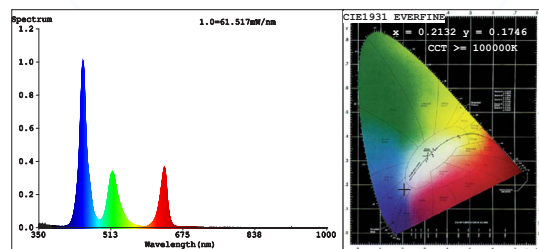
Color Parameters:
 Chromaticity Coordinate: $x=0.1542$ $y=0.0253/u'=0.2060$ $v'=0.0760$
 CCT=100000K (Duv=-0.2168) Dominant WL:Ld =454.0nm Purity=98.8%
 Ratio:R=0.9% G=10.2% B=88.8% Peak WL:Lp=449.2nm FWHM=15.4nm
 Render Index:Ra=0.8 AvgR=0.9

R1 =0 R2 =0 R3 =0 R4 =0 R5 =6 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=7

Photo Parameters:
 Flux = 47.43 lm Eff. : 9.31 lm/W Fe = 1.424 W

Electrical parameters:
 V = 11.998 V I = 0.4245 A P = 5.093 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 62 ms Ip = 44670 (68%)



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

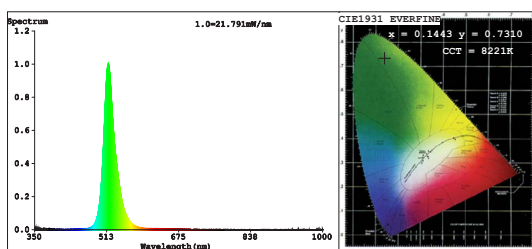
Photo Parameters:
 Flux = 433.3 lm Eff. : 29.68 lm/W Fe = 2.477 W

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%)

SPEKTRUM TESTBERICHTE

24 VOLT



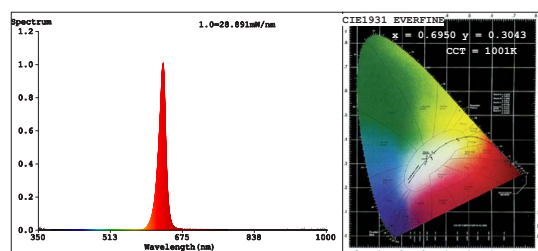
Color Parameters:
 Chromaticity Coordinate: $x=0.1443$ $y=0.7310$ $u'=0.0503$ $v'=0.5729$
 CCT=8221K (Duv=0.1653) Dominant WL:Ld =522.8nm Purity=79.8%
 Ratio:R=0.4% G=97.6% B=2.0% Peak WL:Lp=516.5nm FWHM=26.3nm
 Render Index:Ra=0.0 AvgR=2.3

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%)



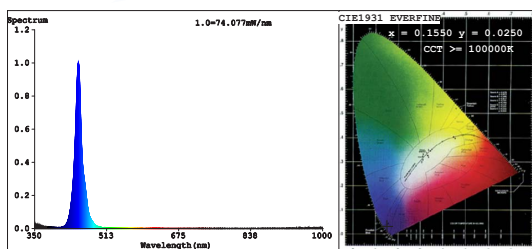
Color Parameters:
 Chromaticity Coordinate: $x=0.6950$ $y=0.3043$ $u'=0.5283$ $v'=0.5205$
 CCT=1001K (Duv=-0.0808) Dominant WL:Ld =622.1nm Purity=99.8%
 Ratio:R=96.9% G=3.1% B=0.0% Peak WL:Lp=631.3nm FWHM=16.7nm
 Render Index:Ra=26.4 AvgR=30.2

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%)



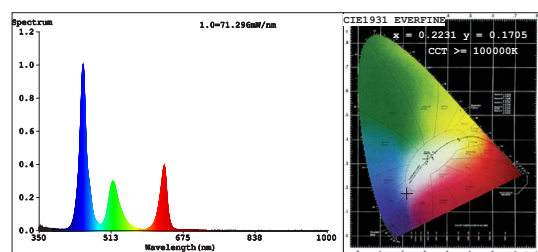
Color Parameters:
 Chromaticity Coordinate: $x=0.1550$ $y=0.0250$ $u'=0.2073$ $v'=0.0751$
 CCT=100000K (Duv=-0.2175) Dominant WL:Ld =453.5nm Purity=98.8%
 Ratio:R=1.1% G=11.4% B=87.5% Peak WL:Lp=448.8nm FWHM=15.0nm
 Render Index:Ra=1.1 AvgR=1.2

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:Ld =465.2nm Purity=55.6%
 Ratio:R=22.6% G=66.8% B=10.6% Peak WL:Lp=448.9nm 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 ZERTIFIKAT

AN XIN TESTING CERTIFICATION

Certificate of Conformity

ANXIN TESTING

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 : DC24V, 0.65A, 15.6W
Trademark : N/A

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.

CE

Authorized Signer: Kevin Liu /Manager
Oct, 19, 2021

Room 402-405, Floor 4th, Building C, Yuxing Technology Industrial Park, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
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