



LedKoning

# RGBW PREMIUM LED STRIP



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

LEDS  
p/m  
72

Lumen  
p/m  
897,3

Watt  
p/m  
16,8

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 4,17cm	24V: Elke 8,33cm

## LED's en licht

Aantal LED's p/m	12V: 72 leds/m	24V: 72 leds/m
Type LED	5050 SMD	
Merk LED	Epistar	
Stralingshoek	120°	
Kleur	RGB + Warm Wit	
Kleurtemperatuur (Kelvin)	2700 (wit)	
CRI	>80 (wit)	
Aantal branduren	50.000	

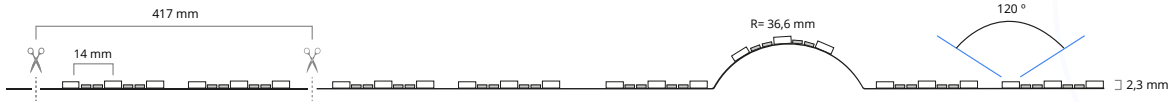
## Technische specificaties

Lichtsterkte (lumen) p/m	12V: 897,3 Lumen	24V: 905,2 Lumen
Voltage (DC)	12V of 24V	
Watt - vermogen p/m	12V: 16,8 W	24V: 17,37 W
Lumen per watt	12V: 53,41 lm	24V: 52,11 lm
Watt per LED	12V: 0,233 W	24V: 0,241 W

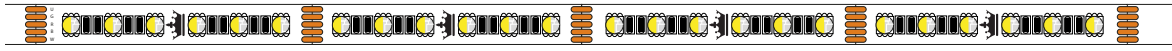
## Strip eigenschappen

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: 12mm	IP65: 14mm	IP67: 14mm
Dikte led strip	IP20: 2,3mm	IP65: 5,8mm	IP67: 5,8mm
Aansluiting begin	5-pins stekker type vrouw+man		
Aansluiting einde	5-pins stekker type vrouw		

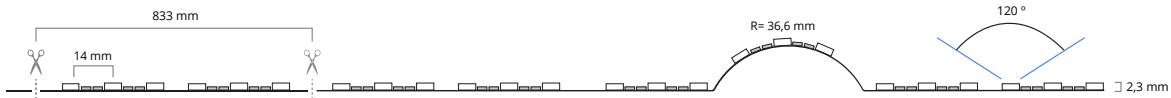
# TECHNISCHE TEKENINGEN



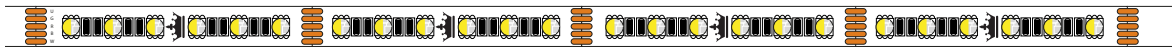
3M 300LSE Tape



IP20 12V



3M 300LSE Tape



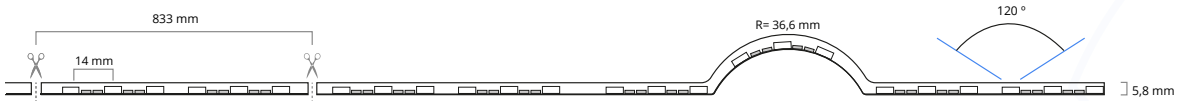
IP20 24V



3M VHB Tape



IP65/67 12V



3M VHB Tape



IP65/67 24V

# DETAILFOTO'S



IP20



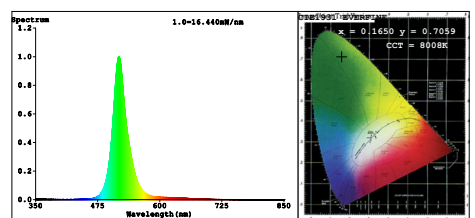
IP65



IP67

# SPECTRUM TESTRAPPORTEN

## 12V

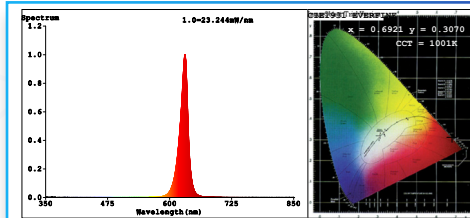


Color Parameters:  
 Chromaticity Coordinate:  $x=0.1650$   $y=0.7059/u^1=0.0592$   $v^1=0.5703$   
 CCT=8008K (Duv=0.1566) Dominant WL:ld =524.5nm Purity=75.4%  
 Ratio:R=1.1% G=96.3% B=2.6% Peak WL:lp=518.3nm FWHM=29.2nm  
 Render Index:Ra=0.1  
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=42 R15=0

Photo Parameters:  
 Flux = 287.5 lm Eff. : 65.38 lm/W Fe = 613.9 mW

Electrical parameters:  
 V = 11.999 V I = 0.3665 A P = 4.398 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 858 ms Ip = 49701 (76%)

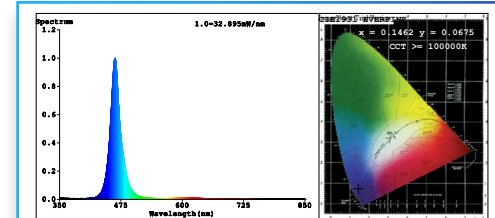


Color Parameters:  
 Chromaticity Coordinate:  $x=0.6921$   $y=0.3070/u^1=0.5224$   $v^1=0.5213$   
 CCT=1001K (Duv=-0.0748) Dominant WL:ld =620.7nm Purity=99.8%  
 Ratio:R=95.2% G=4.8% B=0.0% Peak WL:lp=620.5nm FWHM=16.2nm  
 Render Index:Ra=30.3  
 R1 =14 R2 =80 R3 =37 R4 =0 R5 =10 R6 =92 R7 =10  
 R8 =0 R9 =0 R10=74 R11=0 R12=78 R13=36 R14=64 R15=0

Photo Parameters:  
 Flux = 112.1 lm Eff. : 28.05 lm/W Fe = 467.9 mW

Electrical parameters:  
 V = 11.999 V I = 0.3330 A P = 3.996 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 722 ms Ip = 49764 (76%)

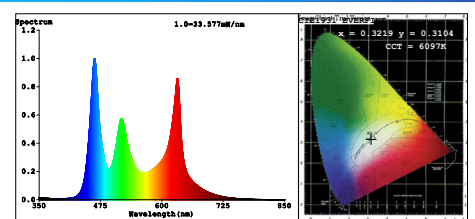


Color Parameters:  
 Chromaticity Coordinate:  $x=0.1462$   $y=0.0675/u^1=0.1662$   $v^1=0.1727$   
 CCT=10000K (Duv=0.1515) Dominant WL:ld =467.1nm Purity=92.6%  
 Ratio:R=5.1% G=26.6% B=68.3% Peak WL:lp=463.1nm FWHM=20.7nm  
 Render Index:Ra=12.3  
 R1 =47 R2 =0 R3 =0 R4 =0 R5 =51 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=20 R14=0 R15=44

Photo Parameters:  
 Flux = 77.82 lm Eff. : 18.49 lm/W Fe = 919.3 mW

Electrical parameters:  
 V = 11.999 V I = 0.3508 A P = 4.209 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 500 ms Ip = 48063 (73%)

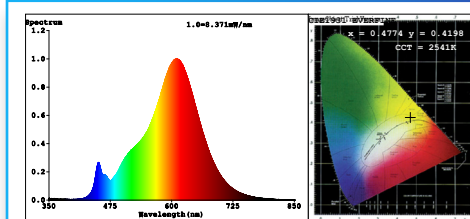


Color Parameters:  
 Chromaticity Coordinate:  $x=0.3219$   $y=0.3104/u^1=0.2118$   $v^1=0.4594$   
 CCT=6097K (Duv=-0.0115) Dominant WL:ld =423.8nm Purity=7.0%  
 Ratio:R=23.5% G=69.7% B=7.8% Peak WL:lp=463.8nm FWHM=22.0nm  
 Render Index:Ra=61.0  
 R1 =47 R2 =68 R3 =88 R4 =55 R5 =54 R6 =58 R7 =79  
 R8 =40 R9 =0 R10=29 R11=40 R12=53 R13=49 R14=91 R15=42

Photo Parameters:  
 Flux = 897.3 lm Eff. : 53.25 lm/W Fe = 3.035 W

Electrical parameters:  
 V = 11.999 V I = 1.405 A P = 16.85 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 500 ms Ip = 49118 (75%)



Color Parameters:  
 Chromaticity Coordinate:  $x=0.4774$   $y=0.4198/u^1=0.2696$   $v^1=0.5334$   
 CCT=2541K (Duv=0.0021) Dominant WL:ld =584.4nm Purity=69.3%  
 Ratio:R=26.7% G=71.2% B=2.1% Peak WL:lp=611.2nm FWHM=109.8nm  
 Render Index:Ra=83.5  
 R1 =82 R2 =93 R3 =94 R4 =82 R5 =83 R6 =94 R7 =82  
 R8 =58 R9 =11 R10=85 R11=83 R12=81 R13=85 R14=98 R15=73

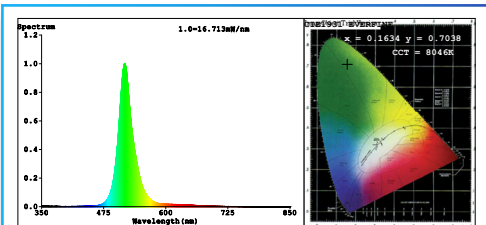
Photo Parameters:  
 Flux = 376.6 lm Eff. : 81.56 lm/W Fe = 1.139 W

Electrical parameters:  
 V = 11.999 V I = 0.3849 A P = 4.618 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 1756 ms Ip = 48673 (74%)

# SPECTRUM TESTRAPPORTEN

## 24V

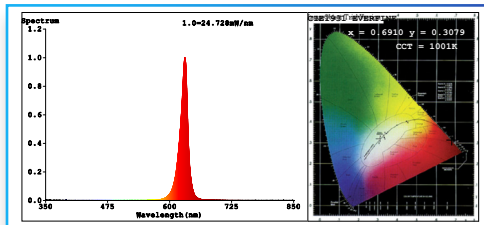


**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1634$   $y=0.7038/u'=0.0588$   $v'=0.5697$   
 CCT=8046K (Duv=0.1568) Dominant WL:  $\lambda_d=524.0nm$  Purity=74.7%  
 Ratio: R=1.1% G=96.1% B=2.7% Peak WL:  $\lambda_p=518.0nm$  FWHM=29.1nm  
 Render Index: Ra=0.1  
 R1=0 R2=0 R3=0 R4=0 R5=0 R6=0 R7=1  
 R8=0 R9=0 R10=0 R11=0 R12=0 R13=0 R14=42 R15=0

**Photo Parameters:**  
 Flux = 293.5 lm Eff. : 66.72 lm/W Fe = 622.9 mW

**Electrical parameters:**  
 V = 23.999 V I = 0.1833 A P = 4.399 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 749 ms Ip = 44050 (678)

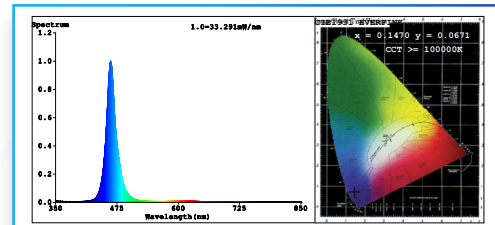


**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.6910$   $y=0.3079/u'=0.5203$   $v'=0.5216$   
 CCT=1001K (Duv=-0.0727) Dominant WL:  $\lambda_d=620.2nm$  Purity=99.8%  
 Ratio: R=94.2% G=5.8% B=0.0% Peak WL:  $\lambda_p=630.9nm$  FWHM=15.2nm  
 Render Index: Ra=31.6  
 R1=16 R2=81 R3=39 R4=0 R5=13 R6=92 R7=13  
 R8=0 R9=0 R10=74 R11=0 R12=78 R13=37 R14=65 R15=0

**Photo Parameters:**  
 Flux = 110.9 lm Eff. : 27.59 lm/W Fe = 477.8 mW

**Electrical parameters:**  
 V = 23.999 V I = 0.1675 A P = 4.020 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 500 ms Ip = 36654 (568)

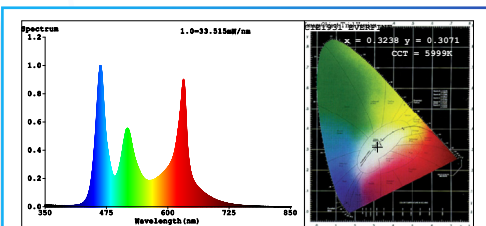


**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1470$   $y=0.0671/u'=0.1675$   $v'=0.1719$   
 CCT=100000K (Duv=0.1519) Dominant WL:  $\lambda_d=466.8nm$  Purity=92.5%  
 Ratio: R=5.2% G=27.4% B=67.4% Peak WL:  $\lambda_p=462.1nm$  FWHM=20.0nm  
 Render Index: Ra=12.8  
 R1=49 R2=0 R3=0 R4=0 R5=53 R6=0 R7=0  
 R8=0 R9=0 R10=0 R11=0 R12=0 R13=22 R14=0 R15=45

**Photo Parameters:**  
 Flux = 76.70 lm Eff. : 18.18 lm/W Fe = 904.9 mW

**Electrical parameters:**  
 V = 23.999 V I = 0.1758 A P = 4.219 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 500 ms Ip = 48187 (748)

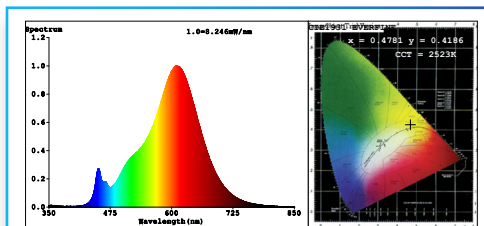


**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.3238$   $y=0.3071/u'=0.2145$   $v'=0.4578$   
 CCT=5999K (Duv=-0.0143) Dominant WL:  $\lambda_d=566.9nm$  Purity=10.8%  
 Ratio: R=24.1% G=68.0% B=7.9% Peak WL:  $\lambda_p=463.1nm$  FWHM=22.0nm  
 Render Index: Ra=58.6  
 R1=43 R2=66 R3=87 R4=52 R5=50 R6=55 R7=78  
 R8=37 R9=0 R10=24 R11=37 R12=49 R13=46 R14=91 R15=38

**Photo Parameters:**  
 Flux = 905.2 lm Eff. : 52.11 lm/W Fe = 3.021 W

**Electrical parameters:**  
 V = 23.999 V I = 0.7239 A P = 17.37 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 500 ms Ip = 49036 (758)



**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.4781$   $y=0.4186/u'=0.2706$   $v'=0.5331$   
 CCT=2523K (Duv=0.0017) Dominant WL:  $\lambda_d=584.7nm$  Purity=69.2%  
 Ratio: R=27.0% G=70.9% B=2.1% Peak WL:  $\lambda_p=608.9nm$  FWHM=110.2nm  
 Render Index: Ra=84.2  
 R1=83 R2=93 R3=95 R4=83 R5=84 R6=94 R7=82  
 R8=59 R9=14 R10=86 R11=84 R12=82 R13=86 R14=98 R15=75

**Photo Parameters:**  
 Flux = 373.2 lm Eff. : 80.06 lm/W Fe = 1.123 W

**Electrical parameters:**  
 V = 23.999 V I = 0.1942 A P = 4.661 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 2000 ms Ip = 54346 (838)



# CE CERTIFICAAT

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Fax:86-755-27724533

**ATT**  
AN TENG TESTING

## Certificate of Conformity

Certification No. : ATT11803060073E

Applicant : LedKoning B.V.

Address : Kasteleinenkampweg 11a, DEN BOSCH, The Netherlands.

Manufacturer : LedKoning B.V.

Address : Kasteleinenkampweg 11a, DEN BOSCH, The Netherlands.

Certification Marking : CE-EMC

Product Description : LED Strip

Model : RWLS36-01M2420, RWLS36-02M2420, RWLS36-03M2420,  
RWLS36-04M2420, RWLS36-05M2420,  
RWLS36-01M2465, RWLS36-02M2465, RWLS36-03M2465,  
RWLS36-04M2465, RWLS36-05M2465,  
RWLS72-01M2420, RWLS72-02M2420, RWLS72-03M2420,  
RWLS72-04M2420, RWLS72-05M2420,  
RWLS72-01M2465, RWLS72-02M2465, RWLS72-03M2465,  
RWLS72-04M2465, RWLS72-05M2465

Trademark : N/A

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

Test Standards	EN 55015: 2013+A1:2015 EN 61547: 2009 EN 61000-3-2:2014 EN 61000-3-3: 2013
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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**

Authorized Signer:   
Joseph Yang / Manager  
March 13, 2018

Shenzhen An-Teng Testing Service Co., Ltd.  
Room715-722, Huaifeng Yu'an Business Building, Yu'an 1st Road, Bao'an District, Shenzhen, Guangdong, China.

  
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