



LedKoning

# RGBW PRO WARM WIT LED STRIP

96  
LEDS P/M



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



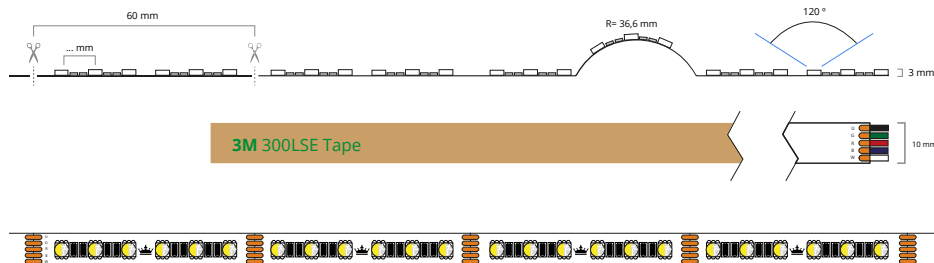


## SPECIFICATIES

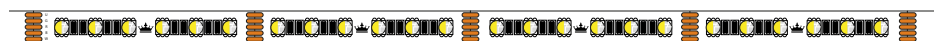
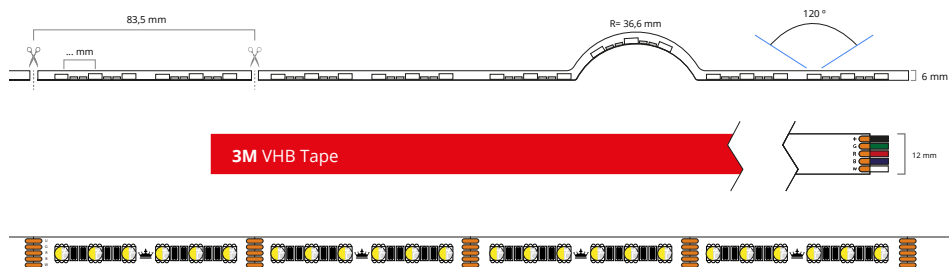
Dimbaar	Ja
3M plakstrip over gehele lengte	Ja
Garantie	2 jaar
Op maat te knippen	Elke 6cm
Aantal LED's p/m	96
Type LED	5050 SMD 4-in-1
Merk LED	Epistar
Stralingshoek	120 graden
Kleur	RGB + Warm wit
Kleurtemperatuur (Kelvin)	2700 (wit)
CRI	81.4 (wit)
Lichtsterkte (lumen) p/m	1491 lm (R=183.1, G=563.7, B=118.6, W=676.7)
Aantal branduren	50.000
Voltage (DC)	24V
Watt - vermogen p/m	24W
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: 3mm      IP65: 6mm      IP67: 6mm
Aansluiting begin	5-pins stekker type vrouw+man
Aansluiting einde	5-pins stekker type vrouw

# TECHNISCHE TEKENINGEN

IP20



IP65/67



IP20



IP65

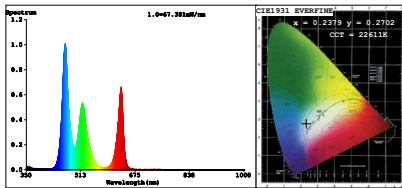


IP67





# 1M RGBW PRO WARM WIT - 96 LEDS P/M



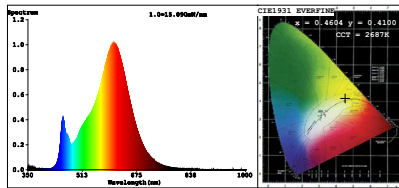
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.2379$   $y=0.2702$   $u^*=0.1650$   $v^*=0.4217$   
 CCT=22611K (Duv=0.0152) Dominant Wavelength=482.6nm Purity=37.6%  
 Ratio: R=19.7% G=67.0% B=13.4% Peak Wavelength=466.2nm FWHM=19.5nm  
 Rander Index: Ra=51.3 AvgR=45.1

R1 =43 R2 =60 R3 =67 R4 =61 R5 =63 R6 =57 R7 =53  
 R8 =6 R9 =0 R10 =3 R11 =57 R12 =64 R13 =42 R14 =78 R15 =23

**Photo Parameters:**  
 Flux = 850.0 lm Eff. : 47.93 lm/W P<sub>o</sub> = 3.768 W

**Electrical parameters:**  
 V = 23.997 V I = 0.7390 A P = 17.73 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 45 ms I<sub>p</sub> = 45906 (70%)



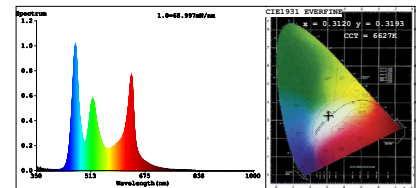
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.4604$   $y=0.4100$   $u^*=0.2631$   $v^*=0.5272$   
 CCT=2687K (Duv=-0.0003) Dominant Wavelength=584.3nm Purity=61.3%  
 Ratio: R=25.4% G=72.2% B=2.5% Peak Wavelength=605.2nm FWHM=111.9nm  
 Rander Index: Ra=92.4 AvgR=77.6

R1 =82 R2 =94 R3 =93 R4 =79 R5 =82 R6 =94 R7 =80  
 R8 =56 R9 =8 R10 =86 R11 =79 R12 =77 R13 =85 R14 =97 R15 =73

**Photo Parameters:**  
 Flux = 676.7 lm Eff. : 99.32 lm/W P<sub>o</sub> = 2.104 W

**Electrical parameters:**  
 V = 23.998 V I = 0.2839 A P = 6.813 W PF = 1.000  
 LEVEL:OUT WHITE:AMBI\_2700K

Status: Integral T = 229 ms I<sub>p</sub> = 51303 (78%)



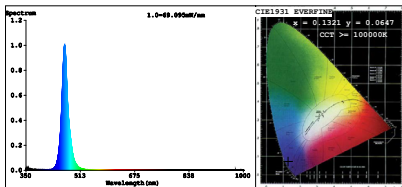
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.3120$   $y=0.3193$   $u^*=0.2010$   $v^*=0.4629$   
 CCT=6627K (Duv=-0.0015) Dominant Wavelength=482.7nm Purity=8.4%  
 Ratio: R=21.6% G=69.7% B=8.8% Peak Wavelength=466.9nm FWHM=21.6nm  
 Rander Index: Ra=62.8 AvgR=55.5

R1 =52 R2 =59 R3 =84 R4 =52 R5 =60 R6 =61 R7 =73  
 R8 =42 R9 =0 R10 =30 R11 =53 R12 =57 R13 =54 R14 =89 R15 =47

**Photo Parameters:**  
 Flux = 1491 lm Eff. : 60.35 lm/W P<sub>o</sub> = 5.744 W

**Electrical parameters:**  
 V = 23.997 V I = 1.030 A P = 24.71 W PF = 1.000  
 LEVEL:OUT WHITE:AMBI\_6500K

Status: Integral T = 45 ms I<sub>p</sub> = 47191 (72%)



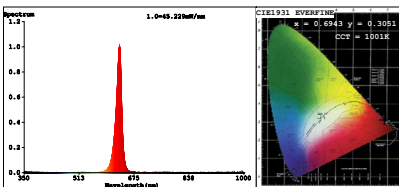
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1321$   $y=0.0647$   $u^*=-0.1504$   $v^*=-0.1658$   
 CCT=100000K (Duv=-0.1583) Dominant Wavelength=469.5nm Purity=96.8%  
 Ratio: R=0.5% G=15.2% B=84.3% Peak Wavelength=465.5nm FWHM=18.9nm  
 Rander Index: Ra=0.6 AvgR=0.3

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 =0

**Photo Parameters:**  
 Flux = 118.6 lm Eff. : 20.16 lm/W P<sub>o</sub> = 1.694 W

**Electrical parameters:**  
 V = 23.997 V I = 0.2450 A P = 5.879 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 44 ms I<sub>p</sub> = 45870 (70%)



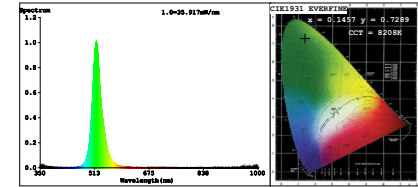
**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.6943$   $y=0.3051$   $u^*=0.5267$   $v^*=0.5208$   
 CCT=1001K (Duv=-0.0791) Dominant Wavelength=621.7nm Purity=99.9%  
 Ratio: R=95.4% G=4.5% B=0.0% Peak Wavelength=632.2nm FWHM=16.5nm  
 Rander Index: Ra=28.4 AvgR=31.5

R1 =10 R2 =79 R3 =34 R4 =0 R5 =6 R6 =90 R7 =9  
 R8 =0 R9 =0 R10 =73 R11 =0 R12 =79 R13 =32 R14 =62 R15 =0

**Photo Parameters:**  
 Flux = 183.1 lm Eff. : 32.00 lm/W P<sub>o</sub> = 920.6 mW

**Electrical parameters:**  
 V = 23.998 V I = 0.2385 A P = 5.724 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 89 ms I<sub>p</sub> = 51271 (78%)



**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1457$   $y=0.7289$   $u^*=0.0509$   $v^*=0.5727$   
 CCT=8208K (Duv=0.1647) Dominant Wavelength=522.9nm Purity=79.4%  
 Ratio: R=0.2% G=97.4% B=2.3% Peak Wavelength=517.2nm FWHM=27.3nm  
 Rander Index: Ra=0.0 AvgR=2.4

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 =36 R15 =0

**Photo Parameters:**  
 Flux = 563.7 lm Eff. : 93.44 lm/W P<sub>o</sub> = 1.219 W

**Electrical parameters:**  
 V = 23.998 V I = 0.2514 A P = 6.033 W PF = 1.000  
 LEVEL:OUT WHITE:OUT


Status: Integral T = 56 ms I<sub>p</sub> = 36136 (55%)



# CE CERTIFICAAT

AN TENG TESTING CERTIFICATION ▲ AN TENG TESTING CERTIFICATION ▲ AN TENG TESTING CERTIFICATION

WWW.ANTENGLAB.COM  
Tel: 86-755-27724522  
Fax: 86-755-27724533



### Declaration of Conformity

**Certification No.** : ATT20061200233E

**Applicant** : Ledkoning

**Address** : Rietveldenweg 49D 5222AP 's Hertogenbosch, The Netherlands

**Manufacturer** : Ledkoning

**Address** : Rietveldenweg 49D 5222AP 's Hertogenbosch, The Netherlands

**Certification Marking** : CE-EMC

**Product Description** : RGBW LED Strip

RWLS96W-01M2420, RWLS96W-02M2420, RWLS96W-03M2420, RWLS96W-04M2420, RWLS96W-05M2420, RWLS96W-06M2420, RWLS96W-07M2420, RWLS96W-08M2420, RWLS96W-09M2420, RWLS96W-10M2420, RWLS96W-01M2465, RWLS96W-02M2465, RWLS96W-03M2465, RWLS96W-04M2465, RWLS96W-05M2465, RWLS96W-06M2465, RWLS96W-07M2465, RWLS96W-08M2465, RWLS96W-09M2465, RWLS96W-10M2465,

**Model** :

RWLS96H-01M2420, RWLS96H-02M2420, RWLS96H-03M2420, RWLS96H-04M2420, RWLS96H-05M2420, RWLS96H-06M2420, RWLS96H-07M2420, RWLS96H-08M2420, RWLS96H-09M2420, RWLS96H-10M2420, RWLS96H-01M2465, RWLS96H-02M2465, RWLS96H-03M2465, RWLS96H-04M2465, RWLS96H-05M2465, RWLS96H-06M2465, RWLS96H-07M2465, RWLS96H-08M2465, RWLS96H-09M2465, RWLS96H-10M2465.

**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.

<b>Test Standards</b>	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:

Joseph Yang / Manager

June 15, 2020



Shenzhen An-Teng Testing Service Co., Ltd  
Room 402-405, Floor 4th, Building C, Yuxing Technology Industrial Park, Xixiang Street, Bao 'An District, Shenzhen, Guangdong, China

Adres: Rietveldenweg 49D, 5222AP 's Hertogenbosch  
Tel: +3173 704 1100  
E-mail: info@ledkoning.nl  
Website: www.ledkoning.nl