



LedKoning

# RGBW BASIC LED STRIP

36  
LEDS P/M



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



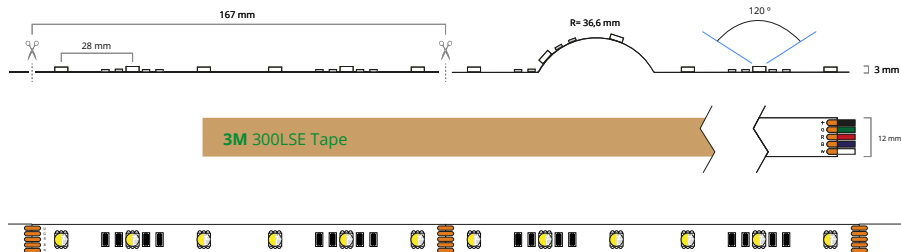


## SPECIFICATIES

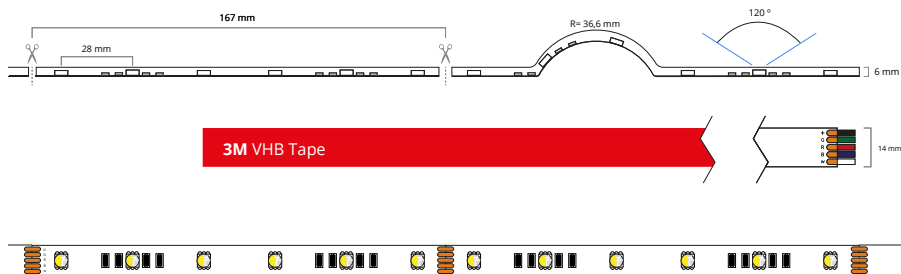
Dimbaar	Ja
3M plakstrip over gehele lengte	Ja
Garantie	2 jaar
Op maat te knippen	Elke 16,7cm
Aantal LED's p/m	36
Type LED	5050 SMD 4-in-1
Merk LED	Epistar
Stralingshoek	120 graden
Kleur	RGB + Warm wit
Kleurtemperatuur (Kelvin)	2700 (wit)
CRI	82 (wit)
Lichtsterkte (lumen) p/m	508 lm (R=69, G=177, B=46, W=231)
Aantal branduren	50.000
Voltage (DC)	24V
Watt - vermogen p/m	8.4W
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

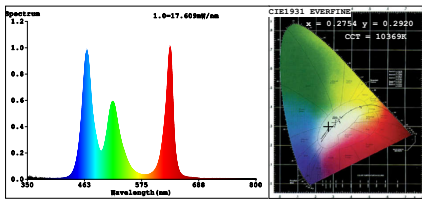


IP67





# 1M RGBW BASIC - 36 LEDS P/M

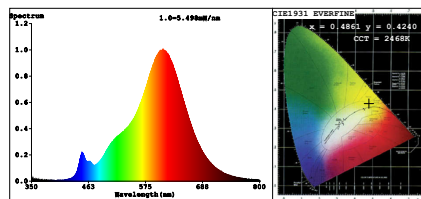


**Color Parameters:**  
 Chromaticity Coordinates:  $x=0.2754$   $y=0.2920$   $u^*=0.1851$   $v^*=0.4414$   
 CCT=10369K (Duv=0.0052) Dominant Wl:Id =481.8nm Purity=23.2%  
 Ratio:R=24.3% G=64.0% B=11.7% Peak Wl:Ip=631.3nm FWHM=15.6nm  
 Render Index:Ra=39.0  
 R1 =19 R2 =51 R3 =70 R4 =37 R5 =39 R6 =43 R7 =52  
 R8 =0 R9 =0 R10=0 R11=26 R12=50 R13=24 R14=79 R15=4

**Photo Parameters:**  
 Flux = 283.0 lm Eff. : 42.52 lm/W Fe = 1.190 W

**Electrical parameters:**  
 V = 23.999 V I = 0.2773 A P = 6.655 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 760 ms Ip = 48156 (73%)

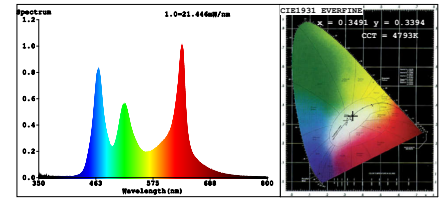


**Color Parameters:**  
 Chromaticity Coordinates:  $x=0.4861$   $y=0.4240$   $u^*=0.2732$   $v^*=0.5363$   
 CCT=2468K (Duv=0.0031) Dominant Wl:Id =584.5nm Purity=73.2%  
 Ratio:R=27.2% G=71.0% B=1.8% Peak Wl:Ip=609.6nm FWHM=103.4nm  
 Render Index:Ra=81.7  
 R1 =80 R2 =92 R3 =94 R4 =80 R5 =81 R6 =93 R7 =80  
 R8 =54 R9 =2 R10=83 R11=80 R12=79 R13=83 R14=97 R15=70

**Photo Parameters:**  
 Flux = 230.7 lm Eff. : 83.07 lm/W Fe = 707.6 mW

**Electrical parameters:**  
 V = 23.999 V I = 0.1157 A P = 2.777 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 2213 ms Ip = 48331 (74%)

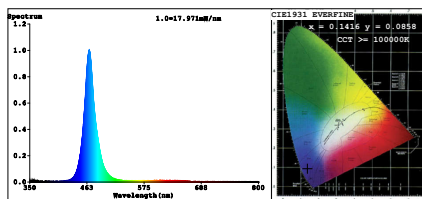


**Color Parameters:**  
 Chromaticity Coordinates:  $x=0.3491$   $y=0.3394$   $u^*=0.2190$   $v^*=0.4792$   
 CCT=4793K (Duv=-0.0079) Dominant Wl:Id =589.7nm Purity=6.6%  
 Ratio:R=25.2% G=67.4% B=7.4% Peak Wl:Ip=632.2nm FWHM=21.8nm  
 Render Index:Ra=61.0  
 R1 =49 R2 =67 R3 =84 R4 =57 R5 =54 R6 =54 R7 =77  
 R8 =44 R9 =0 R10=27 R11=45 R12=46 R13=51 R14=91 R15=48

**Photo Parameters:**  
 Flux = 508.0 lm Eff. : 53.66 lm/W Fe = 1.883 W

**Electrical parameters:**  
 V = 23.999 V I = 0.3945 A P = 9.468 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 500 ms Ip = 38219 (58%)

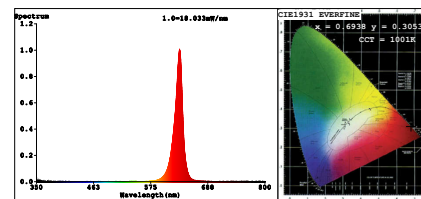


**Color Parameters:**  
 Chromaticity Coordinates:  $x=0.1416$   $y=0.0858$   $u^*=-0.1512$   $v^*=-0.2060$   
 CCT=10000K (Duv=0.1319) Dominant Wl:Id =470.7nm Purity=90.9%  
 Ratio:R=4.9% G=27.8% B=67.2% Peak Wl:Ip=467.2nm FWHM=21.6nm  
 Render Index:Ra=11.9  
 R1 =45 R2 =0 R3 =0 R4 =0 R5 =50 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=20 R14=0 R15=41

**Photo Parameters:**  
 Flux = 46.22 lm Eff. : 21.35 lm/W Fe = 521.4 mW

**Electrical parameters:**  
 V = 23.999 V I = 0.09020 A P = 2.165 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 578 ms Ip = 35905 (55%)

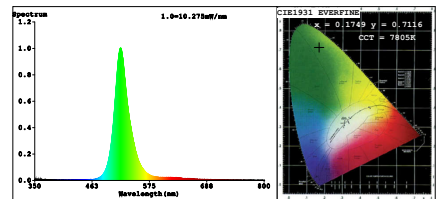


**Color Parameters:**  
 Chromaticity Coordinates:  $x=0.6928$   $y=0.3053$   $u^*=0.5260$   $v^*=0.5200$   
 CCT=1001K (Duv=-0.0784) Dominant Wl:Id =621.6nm Purity=99.8%  
 Ratio:R=95.2% G=4.8% B=0.0% Peak Wl:Ip=631.9nm FWHM=15.3nm  
 Render Index:Ra=29.8  
 R1 =12 R2 =80 R3 =36 R4 =0 R5 =8 R6 =91 R7 =10  
 R8 =0 R9 =0 R10=74 R11=0 R12=79 R13=34 R14=63 R15=0

**Photo Parameters:**  
 Flux = 69.18 lm Eff. : 31.44 lm/W Fe = 347.4 mW

**Electrical parameters:**  
 V = 23.999 V I = 0.09170 A P = 2.201 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 718 ms Ip = 46156 (70%)



**Color Parameters:**  
 Chromaticity Coordinates:  $x=0.1749$   $y=0.7116$   $u^*=-0.0625$   $v^*=-0.5724$   
 CCT=7805K (Duv=0.1545) Dominant Wl:Id =526.5nm Purity=77.9%  
 Ratio:R=1.3% G=96.6% B=2.1% Peak Wl:Ip=518.3nm FWHM=29.1nm  
 Render Index:Ra=0.0  
 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=40 R15=0

**Photo Parameters:**  
 Flux = 177.0 lm Eff. : 73.18 lm/W Fe = 381.3 mW

**Electrical parameters:**  
 V = 23.999 V I = 0.1008 A P = 2.419 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 1156 ms Ip = 49593 (76%)



# CE CERTIFICAAT

AN TENG TESTING CERTIFICATION ▲ ▼ AN TENG TESTING CERTIFICATION



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

## 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

<b>Test Standards</b>	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.

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