



LedKoning

# RGBW PREMIUM LED STRIP

72  
LEDS P/M



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



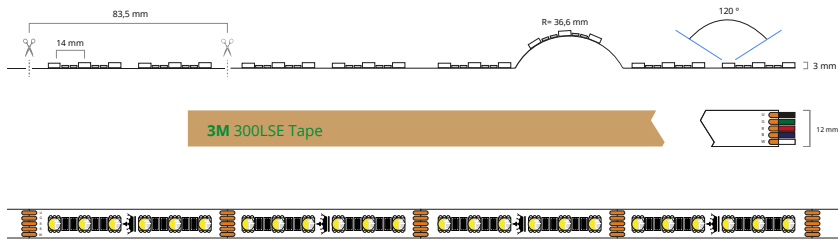


## SPECIFICATIES

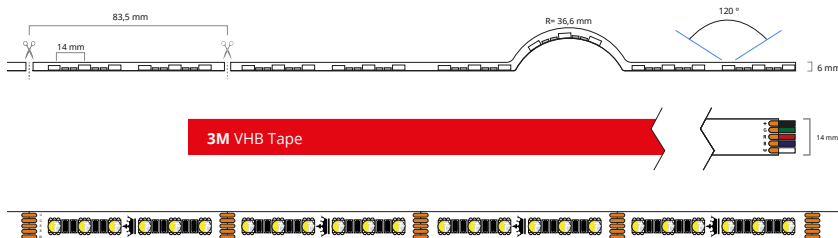
Dimbaar	Ja
3M plakstrip over gehele lengte	Ja
Garantie	5 jaar
Op maat te knippen	Elke 8,35cm
Aantal LED's p/m	72
Type LED	5050 SMD 4-in-1
Merk LED	Epistar
Stralingshoek	120 graden
Kleur	RGB + Warm wit
Kleurtemperatuur (Kelvin)	2700 (wit)
CRI	81.4 (wit)
Lichtsterkte (lumen) p/m	1010 lm (R=134.3, G=346.1, B=90.37, W=463.9)
Aantal branduren	50.000
Voltage (DC)	24V
Watt - vermogen p/m	19W
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

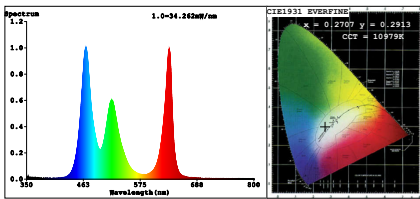


IP67





# 1M RGBW PREMIUM - 72 LEDS P/M

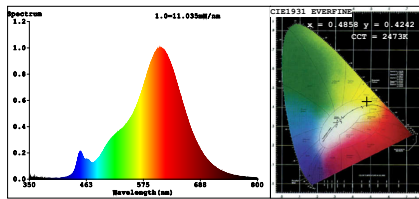


**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.2707$   $y=0.2913$   $u^*=-0.1818$   $v^*=-0.4403$   
 CCT=10979K (Duv=0.0078) Dominant WL:  $\lambda_d=482.5nm$  Purity=24.88  
 Ratio: R=23.3% G=64.7% B=12.0% Peak WL:  $\lambda_p=467.8nm$  FWHM=22.5nm  
 Render Index: Ra=41.5  
 R1 =23 R2 =54 R3 =71 R4 =42 R5 =44 R6 =47 R7 =52  
 R8 =0 R9 =0 R10 =0 R11 =33 R12 =54 R13 =28 R14 =80 R15 =7

**Photo Parameters:**  
 Flux = 563.0 lm Eff. : 41.98 lm/W Fe = 2.389 W

**Electrical parameters:**  
 V = 23.999 V I = 0.5589 A P = 13.41 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 295 ms Ip = 35616 (54%)

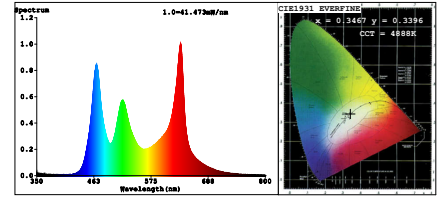


**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.4859$   $y=0.4242$   $u^*=-0.2729$   $v^*=-0.5363$   
 CCT=2473K (Duv=0.0032) Dominant WL:  $\lambda_d=584.5nm$  Purity=73.24  
 Ratio: R=27.1% G=71.1% B=1.9% Peak WL:  $\lambda_p=606.6nm$  FWHM=103.3nm  
 Render Index: Ra=61.4  
 R1 =80 R2 =52 R3 =94 R4 =79 R5 =80 R6 =93 R7 =80  
 R8 =53 R9 =-1 R10 =82 R11 =80 R12 =78 R13 =82 R14 =97 R15 =70

**Photo Parameters:**  
 Flux = 463.9 lm Eff. : 83.11 lm/W Fe = 1.422 W

**Electrical parameters:**  
 V = 23.999 V I = 0.2326 A P = 5.582 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 1087 ms Ip = 47880 (73%)

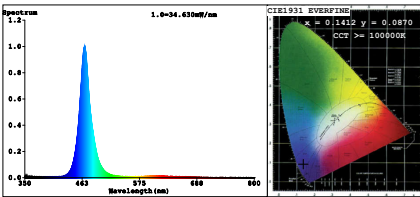


**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.3467$   $y=0.3396$   $u^*=-0.2173$   $v^*=-0.4789$   
 CCT=4888K (Duv=-0.0069) Dominant WL:  $\lambda_d=587.4nm$  Purity=5.96  
 Ratio: R=24.6% G=67.9% B=7.5% Peak WL:  $\lambda_p=633.5nm$  FWHM=22.5nm  
 Render Index: Ra=62.0  
 R1 =51 R2 =68 R3 =85 R4 =59 R5 =56 R6 =56 R7 =77  
 R8 =45 R9 =0 R10 =29 R11 =47 R12 =49 R13 =52 R14 =91 R15 =49

**Photo Parameters:**  
 Flux = 1010 lm Eff. : 53.24 lm/W Fe = 3.751 W

**Electrical parameters:**  
 V = 23.999 V I = 0.7903 A P = 18.97 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 271 ms Ip = 39834 (61%)

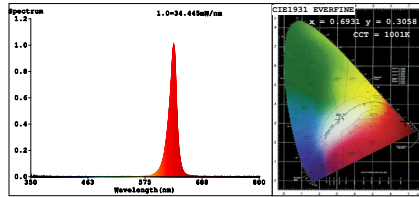


**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1412$   $y=0.0870$   $u^*=-0.1501$   $v^*=-0.2081$   
 CCT=100000K (Duv=0.1308) Dominant WL:  $\lambda_d=470.9nm$  Purity=90.84  
 Ratio: R=4.84% G=28.0% B=67.2% Peak WL:  $\lambda_p=467.9nm$  FWHM=22.0nm  
 Render Index: Ra=11.7  
 R1 =44 R2 =0 R3 =0 R4 =0 R5 =50 R6 =0 R7 =0  
 R8 =0 R9 =0 R10 =0 R11 =0 R12 =0 R13 =19 R14 =0 R15 =40

**Photo Parameters:**  
 Flux = 90.37 lm Eff. : 21.12 lm/W Fe = 1.009 W

**Electrical parameters:**  
 V = 23.999 V I = 0.1783 A P = 4.279 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 295 ms Ip = 35328 (54%)

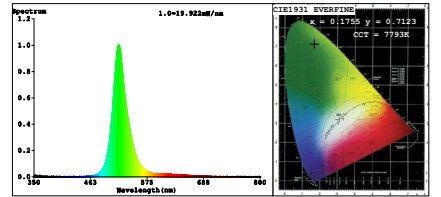


**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.6931$   $y=0.3058$   $u^*=-0.5247$   $v^*=-0.5209$   
 CCT=1001K (Duv=-0.0771) Dominant WL:  $\lambda_d=621.3nm$  Purity=99.78  
 Ratio: R=95.1% G=4.94% B=0.04% Peak WL:  $\lambda_p=631.3nm$  FWHM=15.4nm  
 Render Index: Ra=29.7  
 R1 =13 R2 =80 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 = 134.3 lm Eff. : 30.74 lm/W Fe = 665.5 mW

**Electrical parameters:**  
 V = 23.999 V I = 0.1821 A P = 4.370 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 289 ms Ip = 35447 (54%)



**Color Parameters:**  
 Chromaticity Coordinate:  $x=0.1755$   $y=0.7123$   $u^*=-0.0627$   $v^*=-0.5726$   
 CCT=7793K (Duv=0.1844) Dominant WL:  $\lambda_d=527.1nm$  Purity=78.14  
 Ratio: R=1.34% G=96.6% B=2.14% Peak WL:  $\lambda_p=518.3nm$  FWHM=29.2nm  
 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 = 346.1 lm Eff. : 71.90 lm/W Fe = 742.2 mW

**Electrical parameters:**  
 V = 23.999 V I = 0.2006 A P = 4.814 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 591 ms Ip = 49286 (75%)



# CE CERTIFICAAT

AN TENG TESTING CERTIFICATION ▲ ▼ AN TENG TESTING CERTIFICATION



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## 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

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