



LedKoning

RGBW PREMIUM LED STRIP

72
LEDS P/M



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



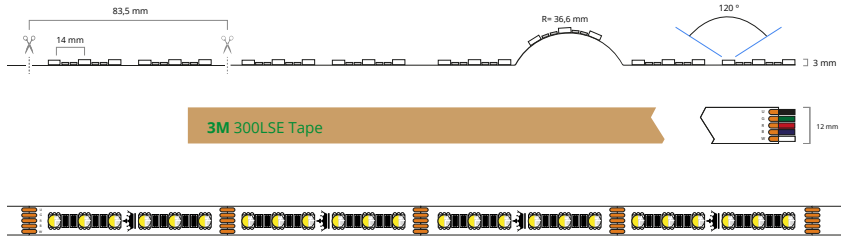


SPECIFICATIES

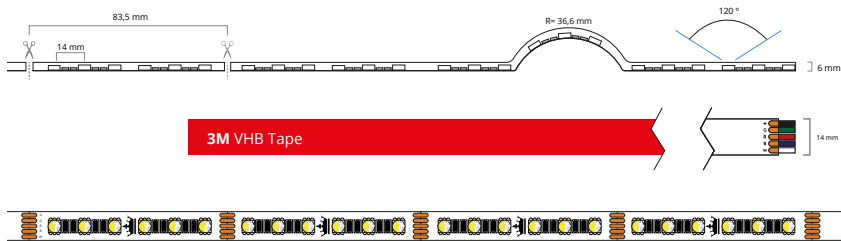
Dimbaar	Ja
3M plakstrip over gehele lengte	Ja
Garantie	2 jaar
Op maat te knippen	Elke 8,35cm
Aantal LED's p/m	72
Type LED	5050 SMD 4-in-1
Merk LED	Epistar
Stralingshoek	120 graden
Kleur	RGB + Warm wit
Kleurtemperatuur (Kelvin)	2700 (wit)
CRI	81.4 (wit)
Lichtsterkte (lumen) p/m	1010 lm (R=134.3, G=346.1, 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

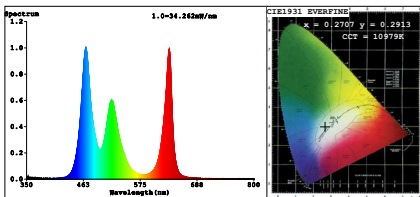


IP67





1M RGBW PREMIUM - 72 LEDS P/M

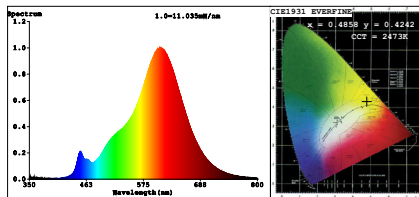


Color Parameters:
 Chromaticity Coordinate: $x=0.2707$ $y=0.2913$ $u^*=0.1818$ $v^*=0.4403$
 CCT=10979K (Duv=0.0078) Dominant WL: $\lambda_d=462.5nm$ Purity=24.88
 Ratio: R=23.3% G=64.7% B=12.0% Peak WL: $\lambda_p=467.8nm$ FWHM=22.5nm
 Render Index: Ra=41.5
 R1 =23 R2 =54 R3 =71 R4 =42 R5 =44 R6 =47 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 $F_e = 2.389 W$

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 $I_p = 35616$ (54%)

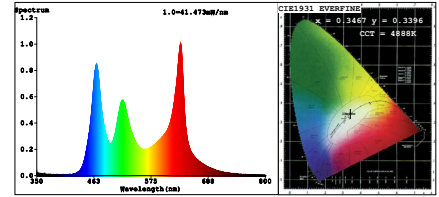


Color Parameters:
 Chromaticity Coordinate: $x=0.4859$ $y=0.4242$ $u^*=0.2729$ $v^*=0.5363$
 CCT=2473K (Duv=0.0032) Dominant WL: $\lambda_d=464.5nm$ Purity=73.24
 Ratio: R=27.1% G=71.1% B=1.9% Peak WL: $\lambda_p=466.6nm$ FWHM=103.3nm
 Render Index: Ra=61.4
 R1 =80 R2 =52 R3 =94 R4 =79 R5 =80 R6 =93 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 $F_e = 1.422 W$

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 $I_p = 47880$ (73%)

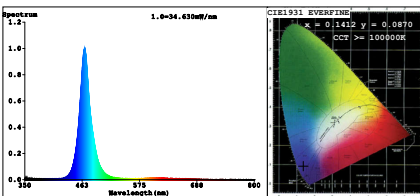


Color Parameters:
 Chromaticity Coordinate: $x=0.3467$ $y=0.3396$ $u^*=0.2173$ $v^*=0.4789$
 CCT=4888K (Duv=-0.0069) Dominant WL: $\lambda_d=459.4nm$ Purity=5.96
 Ratio: R=24.6% G=67.9% B=7.5% Peak WL: $\lambda_p=633.5nm$ FWHM=22.5nm
 Render Index: Ra=62.0
 R1 =51 R2 =68 R3 =85 R4 =59 R5 =56 R6 =56 R7 =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 $F_e = 3.751 W$

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 $I_p = 39834$ (61%)

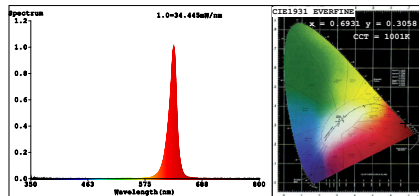


Color Parameters:
 Chromaticity Coordinate: $x=0.1412$ $y=0.0870$ $u^*=-0.1501$ $v^*=-0.2081$
 CCT>100000K (Duv=0.1308) Dominant WL: $\lambda_d=470.9nm$ Purity=90.84
 Ratio: R=4.84% G=28.0% B=67.2% Peak WL: $\lambda_p=467.9nm$ FWHM=22.0nm
 Render Index: Ra=11.7
 R1 =44 R2 =0 R3 =0 R4 =0 R5 =50 R6 =0 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 $F_e = 1.009 W$

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 $I_p = 35328$ (54%)

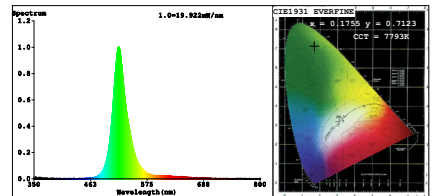


Color Parameters:
 Chromaticity Coordinate: $x=0.6931$ $y=0.3058$ $u^*=0.5247$ $v^*=0.5209$
 CCT=1001K (Duv=-0.0771) Dominant WL: $\lambda_d=621.3nm$ Purity=99.78
 Ratio: R=95.1% G=4.94% B=0.04% Peak WL: $\lambda_p=631.3nm$ FWHM=15.4nm
 Render Index: Ra=29.7
 R1 =13 R2 =80 R3 =36 R4 =0 R5 =8 R6 =91 R7 =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 $F_e = 665.5 mW$

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 $I_p = 35447$ (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 $F_e = 742.2 mW$

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 $I_p = 49286$ (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

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

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