



LedKoning

RGBW BASIC LED STRIP



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

LEDS
p/m
36

Lumen
p/m
478

Watt
p/m
9,2

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 8,33cm	24V: Elke 16,67cm

LED's en licht

Aantal LED's p/m	12V: 36 leds/m	24V: 36 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	

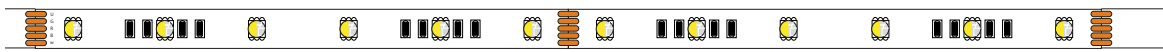
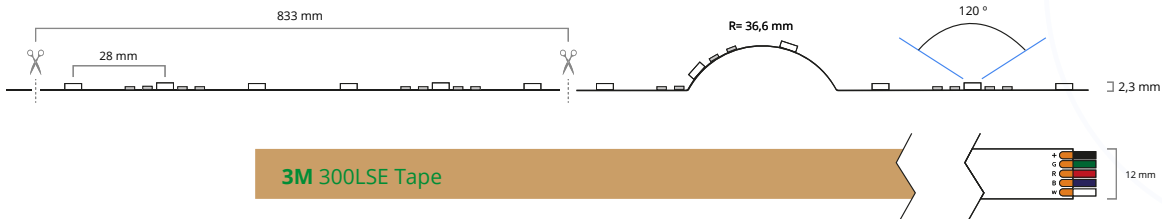
Technische specificaties

Lichtsterkte (lumen) p/m	12V: 478 Lumen	24V: 497,6 Lumen
Voltage (DC)	12V of 24V	
Watt - vermogen p/m	12V: 9,2 W	24V: 9,9 W
Lumen per watt	12V: 51,96 lm	24V: 50,26 lm
Watt per LED	12V: 0,256 W	24V: 0,275 W

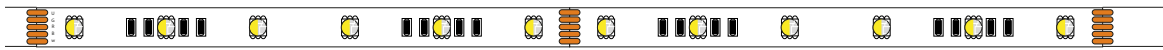
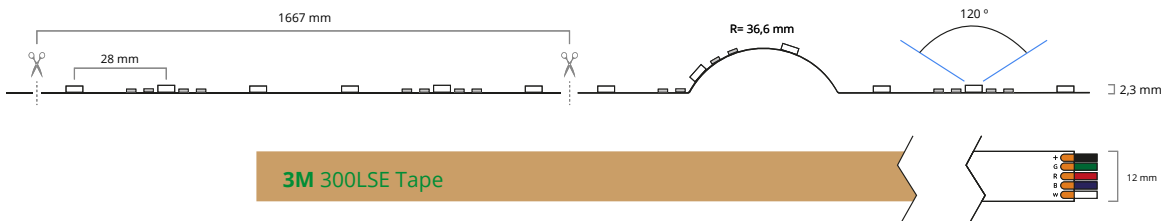
Strip eigenschappen

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		

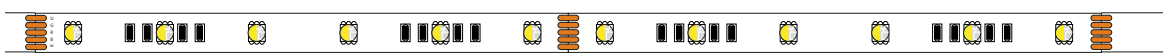
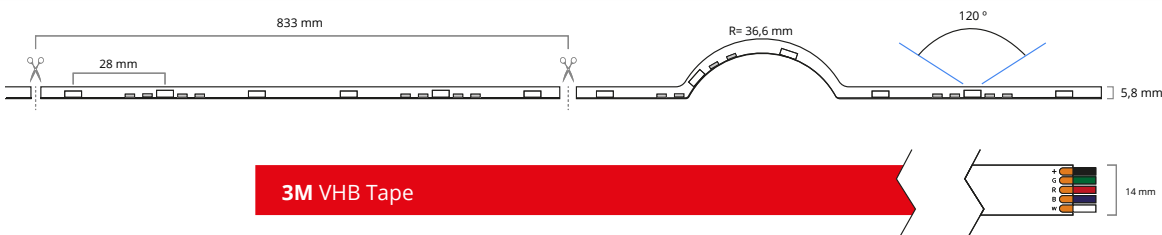
TECHNISCHE TEKENINGEN



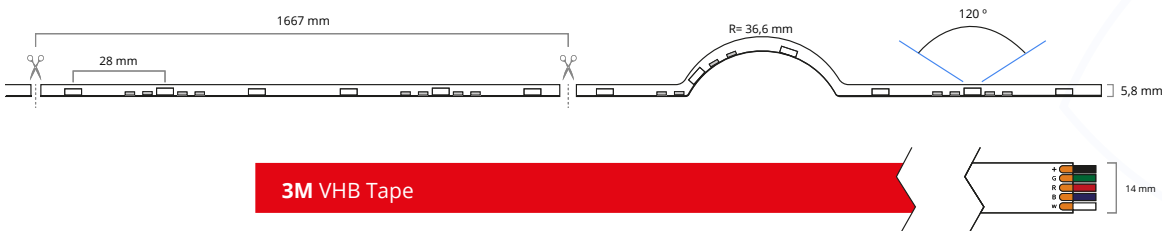
IP20 12V



IP20 24V



IP65/67 12V



IP65/67 24V

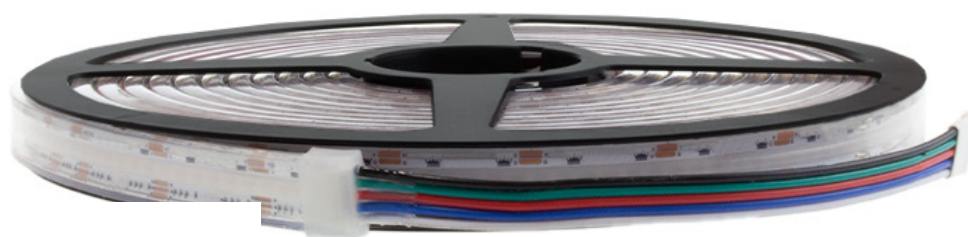
DETAILFOTO'S



IP20



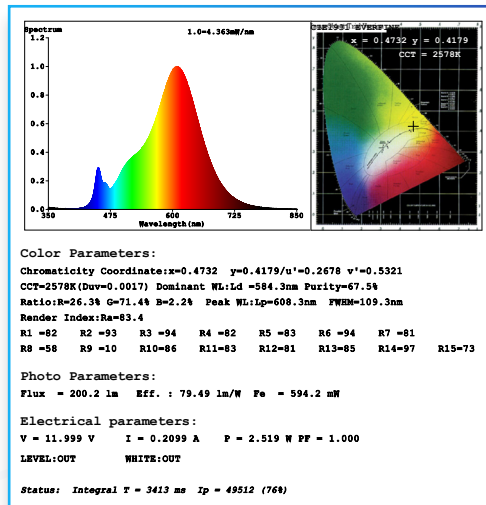
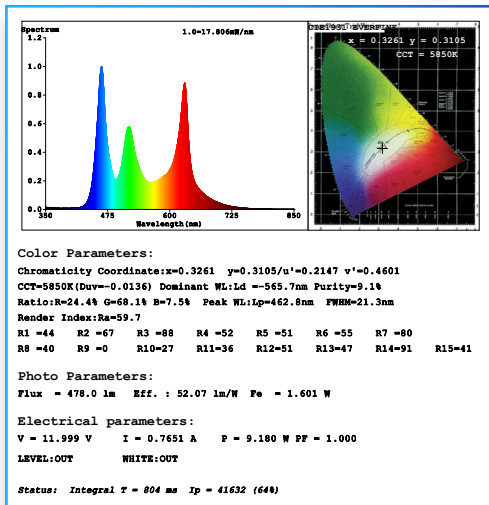
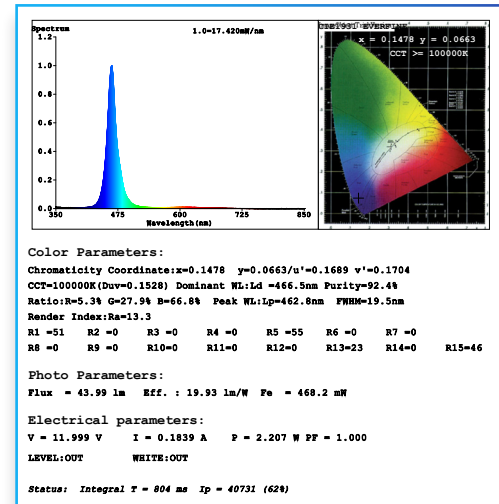
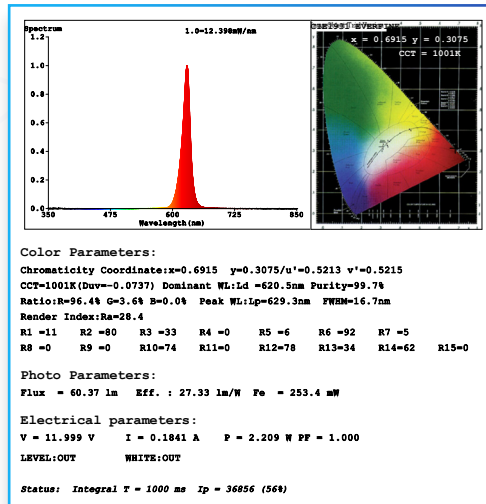
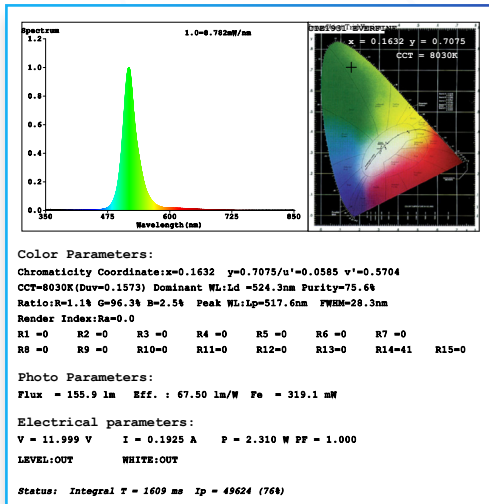
IP65



IP67

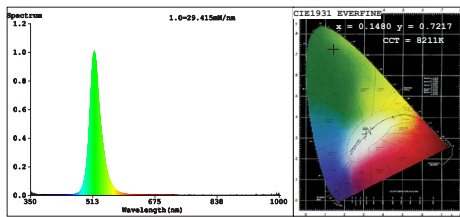
SPECTRUM TESTRAPPORTEN

12V



SPECTRUM TESTRAPPORTEN

24V

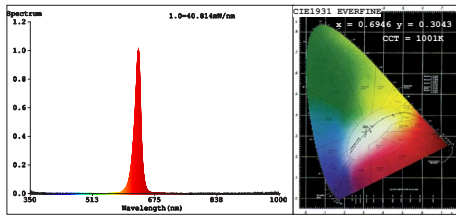


Color Parameters:
 Chromaticity Coordinate: $x=0.1480$ $y=0.7217$ $u^*=0.0521$ $v^*=0.5715$
 CCT=8211K (Duv=0.1632) Dominant WL: $\lambda_d=522.7$ nm Purity=77.9%
 Ratio: R=0.3% G=97.2% B=2.5% Peak WL: $\lambda_p=516.5$ nm FWHM=28.9nm
 Render Index: Ra=0.0 AvgR=2.5

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=37 R15=0

Photo Parameters:
 Flux = 476.2 lm Eff. : 77.70 lm/W Fe = 1.040 W

Electrical parameters:
 V = 23.997 V I = 0.2554 A P = 6.129 W PF = 1.000
 LEVEL:OUT WHITE:OUT

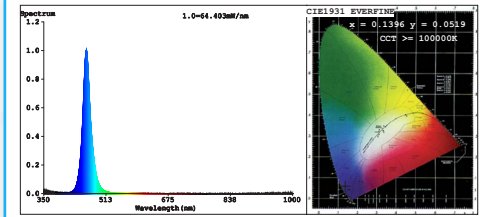


Color Parameters:
 Chromaticity Coordinate: $x=0.6946$ $y=0.3043$ $u^*=0.5280$ $v^*=0.5204$
 CCT=1001K (Duv=-0.0804) Dominant WL: $\lambda_d=622.1$ nm Purity=99.7%
 Ratio: R=95.7% G=4.3% B=0.0% Peak WL: $\lambda_p=632.5$ nm FWHM=16.8nm
 Render Index: Ra=28.8 AvgR=31.8

R1=10 R2=80 R3=33 R4=0 R5=7 R6=91 R7=9
 R8=0 R9=0 R10=74 R11=0 R12=79 R13=33 R14=61 R15=0

Photo Parameters:
 Flux = 164.5 lm Eff. : 28.83 lm/W Fe = 844.2 mW

Electrical parameters:
 V = 23.997 V I = 0.2378 A P = 5.706 W PF = 1.000
 LEVEL:OUT WHITE:OUT

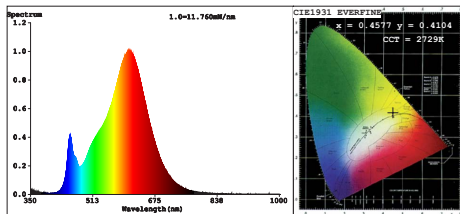


Color Parameters:
 Chromaticity Coordinate: $x=0.1396$ $y=0.0519$ $u^*=0.1670$ $v^*=0.1398$
 CCT=10000K (Duv=-0.1733) Dominant WL: $\lambda_d=466.0$ nm Purity=96.9%
 Ratio: R=0.7% G=15.8% B=83.4% Peak WL: $\lambda_p=461.7$ nm FWHM=21.3nm
 Render Index: Ra=0.9 AvgR=0.8

R1=0 R2=0 R3=0 R4=0 R5=7 R6=0 R7=0
 R8=0 R9=0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=5

Photo Parameters:
 Flux = 105.2 lm Eff. : 17.26 lm/W Fe = 1.745 W

Electrical parameters:
 V = 23.997 V I = 0.2541 A P = 6.098 W PF = 1.000
 LEVEL:OUT WHITE:OUT

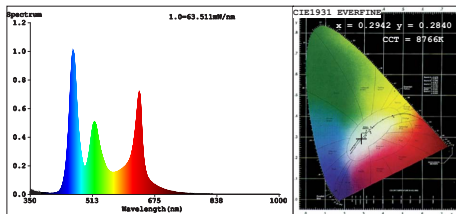


Color Parameters:
 Chromaticity Coordinate: $x=0.4577$ $y=0.4104$ $u^*=0.2612$ $v^*=0.5270$
 CCT=2729K (Duv=0.0001) Dominant WL: $\lambda_d=584.0$ nm Purity=60.6%
 Ratio: R=25.1% G=72.5% B=2.4% Peak WL: $\lambda_p=607.8$ nm FWHM=117.5nm
 Render Index: Ra=83.6 AvgR=78.8

R1=83 R2=93 R3=94 R4=81 R5=83 R6=93 R7=82
 R8=59 R9=13 R10=85 R11=81 R12=77 R13=85 R14=98 R15=75

Photo Parameters:
 Flux = 537.8 lm Eff. : 81.38 lm/W Fe = 1.693 W

Electrical parameters:
 V = 23.997 V I = 0.2754 A P = 6.609 W PF = 1.000
 LEVEL:OUT WHITE:ANSI 2700K



Color Parameters:
 Chromaticity Coordinate: $x=0.2942$ $y=0.2840$ $u^*=0.2022$ $v^*=0.4392$
 CCT=8766K (Duv=-0.0108) Dominant WL: $\lambda_d=471.5$ nm Purity=18.4%
 Ratio: R=21.7% G=69.2% B=9.2% Peak WL: $\lambda_p=462.1$ nm FWHM=23.7nm
 Render Index: Ra=58.9 AvgR=51.1

R1=43 R2=67 R3=87 R4=54 R5=54 R6=62 R7=74
 R8=29 R9=0 R10=27 R11=42 R12=58 R13=47 R14=89 R15=34

Photo Parameters:
 Flux = 1231 lm Eff. : 49.95 lm/W Fe = 5.110 W

Electrical parameters:
 V = 23.997 V I = 1.027 A P = 24.64 W PF = 1.000
 LEVEL:OUT WHITE:OUT

CE CERTIFICAAT

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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

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