



LedKoning

RGBWW BASIC LED STRIP

12V / 24V

36
LEDS P/M



R G B W W



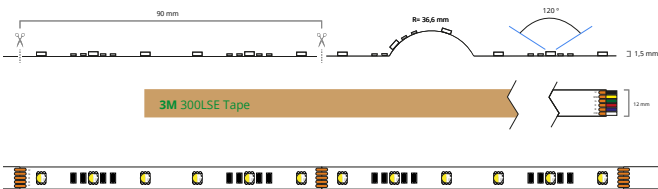


SPECIFICATIES

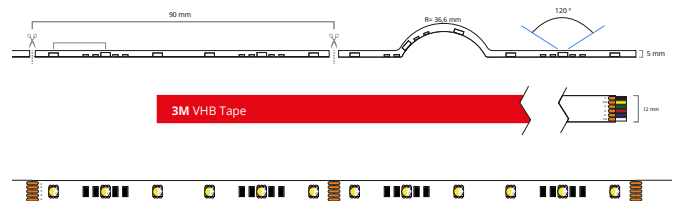
Dimbaar	Ja
3M plakstrip over gehele lengte	Ja
Garantie	5 jaar
Op maat te knippen	Elke 18 cm
Aantal LED's p/m	36 leds/m
Type LED	Combinatie van 2835 en 5050
Merk LED	Epistar
Stralingshoek	120°
Kleur	RGB + warm wit + koud wit
Kleurtemperatuur (Kelvin)	2700K-6500K (wit)
CRI	±87,3 (wit)
Lichtsterkte (lumen) p/m	12V: 1361 Lumen 24V: 1475 Lumen
Aantal branduren	50.000
Voltage (DC)	12V of 24V
Watt - vermogen p/m	17w
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: 12 mm IP65: 12 mm IP67: 12 mm
Dikte led strip	IP20: 1,5 mm IP65: 5 mm IP67: 5 mm
Aansluiting begin	6-pins stekker type vrouw+man
Aansluiting einde	6-pins stekker type vrouw
Lumen per watt	80 lm
Watt per LED	0,47w

TECHNISCHE TEKENINGEN

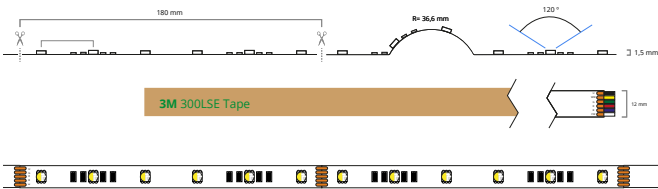
IP20 12V



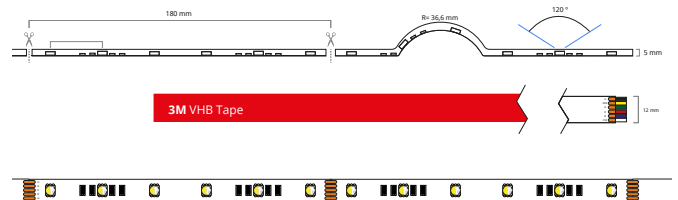
IP65/67 12V



IP20 24V

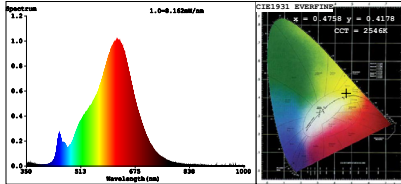


IP65/67 24V





1M RGBWW BASIC - 36 LEDS P/M



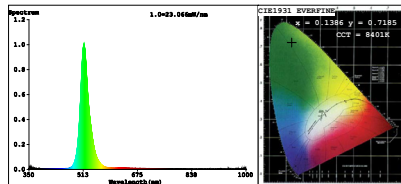
Color Parameters:
 Chromaticity Coordinate: $x=0.4758$ $y=0.4178$ $u^*=0.2695$ $v^*=0.5325$
 CCT=2546K (Duv=0.0015) Dominant Wl:Id =584.6nm Purity=68.2%
 Ratio:R=27.5% G=70.4% B=2.1% Peak Wl:Ip=622.1nm FWHM=128.5nm
 Render Index:Ra=91.2 AvgR=68.3

R1 =91 R2 =96 R3 =99 R4 =91 R5 =91 R6 =97 R7 =89
 R8 =75 R9 =47 R10=91 R11=94 R12=88 R13=92 R14=100 R15=85

Photo Parameters:
 Flux = 355.6 lm Eff. : 71.68 lm/W Fe = 1.241 W

Electrical parameters:
 V = 23.998 V I = 0.2067 A P = 4.960 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 513 ms Ip = 51214 (78%)



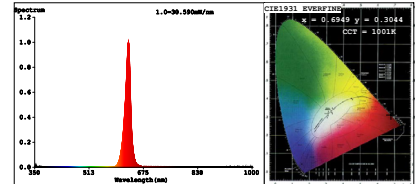
Color Parameters:
 Chromaticity Coordinate: $x=0.1386$ $y=0.7185$ $u^*=0.0489$ $v^*=0.5700$
 CCT=4401K (Duv=-0.1656) Dominant Wl:Id =520.8nm Purity=76.9%
 Ratio:R=0.7% G=96.5% B=2.8% Peak Wl:Ip=514.6nm FWHM=25.8nm
 Render Index:Ra=0.0 AvgR=2.3

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=34 R15=0

Photo Parameters:
 Flux = 328.9 lm Eff. : 93.09 lm/W Fe = 758.0 mW

Electrical parameters:
 V = 23.998 V I = 0.1372 A P = 3.333 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 128 ms Ip = 44696 (69%)



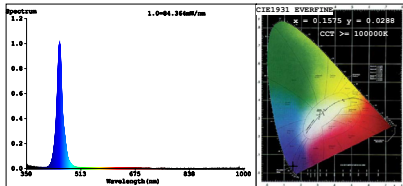
Color Parameters:
 Chromaticity Coordinate: $x=0.6949$ $y=0.3044$ $u^*=0.5281$ $v^*=0.5205$
 CCT=1001K (Duv=-0.0806) Dominant Wl:Id =622.1nm Purity=99.8%
 Ratio:R=97.8% G=2.2% B=0.0% Peak Wl:Ip=630.3nm FWHM=16.6nm
 Render Index:Ra=25.4 AvgR=29.6

R1 =5 R2 =79 R3 =28 R4 =0 R5 =0 R6 =91 R7 =0
 R8 =0 R9 =0 R10=73 R11=0 R12=79 R13=30 R14=58 R15=0

Photo Parameters:
 Flux = 125.7 lm Eff. : 19.91 lm/W Fe = 625.3 mW

Electrical parameters:
 V = 23.998 V I = 0.2632 A P = 6.316 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 128 ms Ip = 44250 (69%)



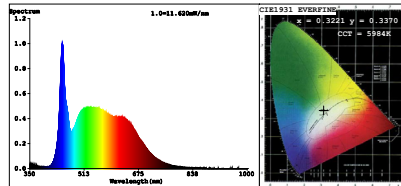
Color Parameters:
 Chromaticity Coordinate: $x=0.1575$ $y=0.0289$ $u^*=-0.2079$ $v^*=-0.0856$
 CCT=100000K (Duv=-0.2106) Dominant Wl:Id =453.6nm Purity=97.5%
 Ratio:R=4.0% G=20.6% B=75.5% Peak Wl:Ip=448.8nm FWHM=15.8nm
 Render Index:Ra=9.0 AvgR=8.3

R1 =34 R2 =0 R3 =0 R4 =0 R5 =38 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=10 R14=0 R15=42

Photo Parameters:
 Flux = 70.81 lm Eff. : 13.56 lm/W Fe = 1.875 W

Electrical parameters:
 V = 23.998 V I = 0.2176 A P = 5.222 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 51 ms Ip = 46593 (71%)



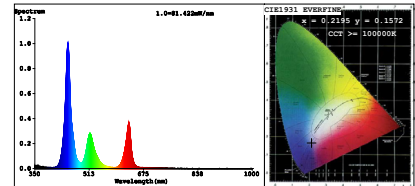
Color Parameters:
 Chromaticity Coordinate: $x=0.3221$ $y=0.3370$ $u^*=0.2013$ $v^*=-0.4739$
 CCT=5964K (Duv=0.0027) Dominant Wl:Id =495.9nm Purity=3.6%
 Ratio:R=15.6% G=76.4% B=6.0% Peak Wl:Ip=447.2nm FWHM=21.2nm
 Render Index:Ra=94.1 AvgR=91.7

R1 =95 R2 =94 R3 =93 R4 =95 R5 =95 R6 =92 R7 =96
 R8 =94 R9 =81 R10=87 R11=94 R12=77 R13=95 R14=96 R15=94

Photo Parameters:
 Flux = 376.4 lm Eff. : 72.35 lm/W Fe = 1.385 W

Electrical parameters:
 V = 23.998 V I = 0.2168 A P = 5.203 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_5700K

Status: Integral T = 413 ms Ip = 51421 (78%)



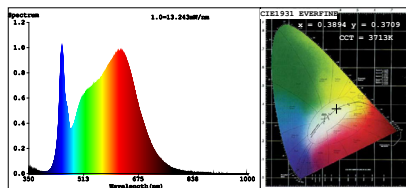
Color Parameters:
 Chromaticity Coordinate: $x=0.2195$ $y=0.1572$ $u^*=-0.1974$ $v^*=-0.3181$
 CCT=100000K (Duv=-0.0564) Dominant Wl:Id =462.5nm Purity=58.9%
 Ratio:R=23.6% G=64.3% B=12.1% Peak Wl:Ip=448.9nm FWHM=16.1nm
 Render Index:Ra=11.3 AvgR=32.2

R1 =15 R2 =47 R3 =78 R4 =33 R5 =36 R6 =45 R7 =75
 R8 =0 R9 =0 R10=0 R11=40 R12=49 R13=18 R14=82 R15=0

Photo Parameters:
 Flux = 509.1 lm Eff. : 33.94 lm/W Fe = 3.167 W

Electrical parameters:
 V = 23.998 V I = 0.6251 A P = 15.00 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 51 ms Ip = 45116 (69%)



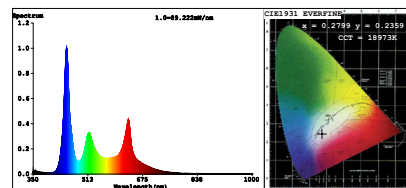
Color Parameters:
 Chromaticity Coordinate: $x=0.3894$ $y=0.3709$ $u^*=0.2335$ $v^*=-0.5003$
 CCT=3713K (Duv=-0.0053) Dominant Wl:Id =583.1nm Purity=28.2%
 Ratio:R=21.6% G=74.3% B=4.2% Peak Wl:Ip=448.2nm FWHM=24.4nm
 Render Index:Ra=96.3 AvgR=94.9

R1 =98 R2 =98 R3 =97 R4 =97 R5 =99 R6 =96 R7 =94
 R8 =91 R9 =80 R10=96 R11=96 R12=86 R13=99 R14=98 R15=97

Photo Parameters:
 Flux = 720.4 lm Eff. : 69.48 lm/W Fe = 2.595 W

Electrical parameters:
 V = 23.998 V I = 0.4321 A P = 10.37 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 321 ms Ip = 51505 (79%)



Color Parameters:
 Chromaticity Coordinate: $x=0.2799$ $y=0.2359$ $u^*=0.2125$ $v^*=-0.4028$
 CCT=1897K (Duv=-0.0298) Dominant Wl:Id =447.3nm Purity=30.7%
 Ratio:R=21.7% G=70.6% B=7.7% Peak Wl:Ip=448.9nm FWHM=17.3nm
 Render Index:Ra=55.7 AvgR=49.4

R1 =40 R2 =76 R3 =69 R4 =35 R5 =53 R6 =75 R7 =75
 R8 =23 R9 =0 R10=56 R11=16 R12=72 R13=48 R14=79 R15=25

Photo Parameters:
 Flux = 1174 lm Eff. : 46.50 lm/W Fe = 5.535 W

Electrical parameters:
 V = 23.998 V I = 1.052 A P = 25.24 W PF = 1.000
 LEVEL:OUT WHITE:OUT

Status: Integral T = 51 ms Ip = 49645 (76%)



CE CERTIFICAAT

AN XIN TESTING CERTIFICATION

Certificate of Conformity



Certification No. : 00140AX0178E
Applicant : LedKoning
Address : Rietveldenweg 49D 5222AP DEN BOSCH The Netherlands
Manufacturer : LedKoning
Address : Rietveldenweg 49D 5222AP DEN BOSCH The Netherlands
Certification Marking : CE-EMC
Product Description : LED Strip
Model : See Certificate p. 2
Trademark : N/A

The above products have been tested by us with listed standards and found in compliance with the Directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with this Directive.

Test Standards	EN IEC 55015: 2019 + A11:2020 EN 61547: 2009 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3: 2013+A1:2019+A2:2021
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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.

ANXIN TESTING



Authorized Signer: 
 Kevin Liu / Manager
 Mar. 05, 2024

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