



LedKoning

RGBWW PRIME LED STRIP

24V

840
LEDS P/M



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



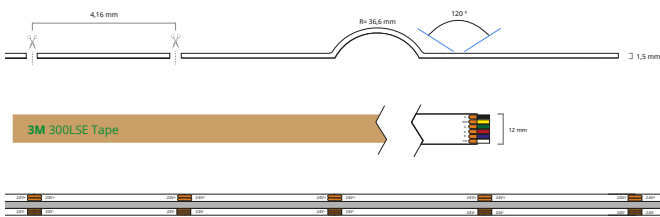


SPECIFICATIES

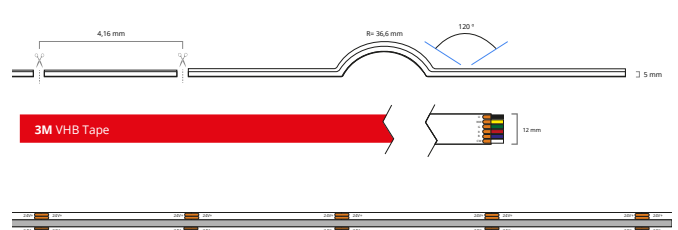
Dimbaar	Ja
3M plakstrip over gehele lengte	Ja
Garantie	5 jaar
Op maat te knippen	elke 4,16 cm
Aantal LED's p/m	840 leds/m
Type LED	COB
Merk LED	Epistar
Stralingshoek	120 graden
Kleur	RGB + Warm wit + Koud wit
Kleurtemperatuur (Kelvin)	2700K - 6500K (wit)
CRI	±80 (wit)
Lichtsterkte (lumen) p/m	1174 Lm
Aantal branduren	50.000
Voltage (DC)	24V
Watt - vermogen p/m	25W
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: 12mm IP67: 12mm
Dikte led strip	IP20: 1,5mm IP65: 5mm IP67: 5mm
Aansluiting begin	6-pins stekker type vrouw+man
Aansluiting einde	6-pins stekker type vrouw

TECHNISCHE TEKENINGEN

IP20 24V



IP65/67 24V



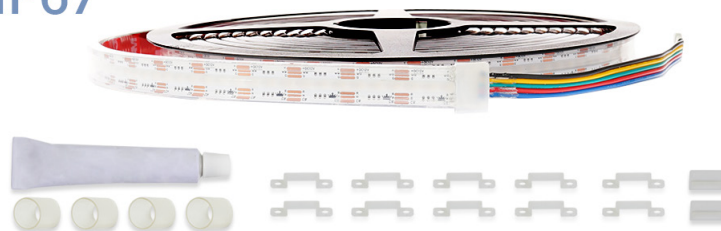
IP20



IP65

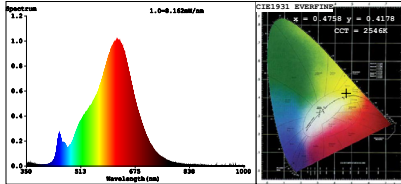


IP67





1M RGBWW PRIME - 840 LEDS P/M



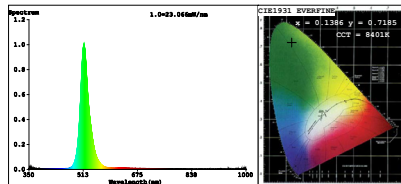
Color Parameters:
 Chromaticity Coordinate: $x=0.4758$ $y=0.4178$ $u^*=0.2695$ $v^*=0.5325$
 CCT=2546K (Duv=0.0015) Dominant Wavelength = 622.1nm Purity=68.2%
 Ratio: R=27.5% G=70.4% B=2.1% Peak Wavelength=622.1nm FWHM=128.5nm
 Render Index: Ra=91.2 AvgR=68.3

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%)



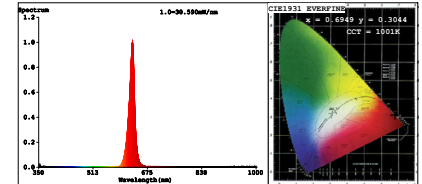
Color Parameters:
 Chromaticity Coordinate: $x=0.1386$ $y=0.7185$ $u^*=0.0489$ $v^*=0.5700$
 CCT=4401K (Duv=-0.1656) Dominant Wavelength = 520.8nm Purity=76.9%
 Ratio: R=0.7% G=96.5% B=2.8% Peak Wavelength=514.6nm FWHM=25.8nm
 Render Index: Ra=0.0 AvgR=2.3

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 (68%)



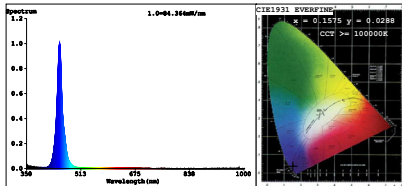
Color Parameters:
 Chromaticity Coordinate: $x=0.6949$ $y=0.3044$ $u^*=0.5281$ $v^*=0.5205$
 CCT=1001K (Duv=-0.0806) Dominant Wavelength = 622.1nm Purity=99.8%
 Ratio: R=97.8% G=2.2% B=0.0% Peak Wavelength=630.3nm FWHM=16.6nm
 Render Index: Ra=25.4 AvgR=29.6

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 (68%)



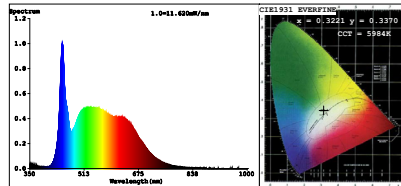
Color Parameters:
 Chromaticity Coordinate: $x=0.1575$ $y=0.0289$ $u^*=-0.2079$ $v^*=-0.0856$
 CCT=100000K (Duv=-0.2106) Dominant Wavelength = 453.6nm Purity=97.5%
 Ratio: R=4.0% G=20.6% B=75.5% Peak Wavelength=448.8nm FWHM=15.8nm
 Render Index: Ra=9.0 AvgR=8.3

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%)



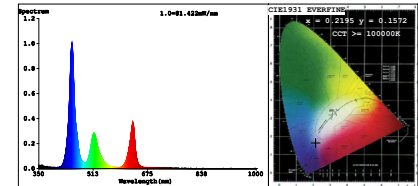
Color Parameters:
 Chromaticity Coordinate: $x=0.3221$ $y=0.3370$ $u^*=-0.2013$ $v^*=-0.4739$
 CCT=5884K (Duv=-0.0027) Dominant Wavelength = 495.9nm Purity=3.6%
 Ratio: R=15.6% G=76.4% B=6.0% Peak Wavelength=447.2nm FWHM=21.2nm
 Render Index: Ra=94.1 AvgR=91.7

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%)



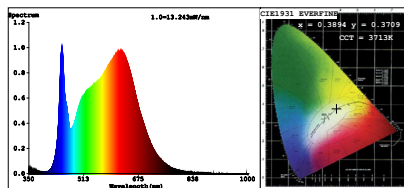
Color Parameters:
 Chromaticity Coordinate: $x=0.2195$ $y=0.1572$ $u^*=-0.1974$ $v^*=-0.3181$
 CCT=100000K (Duv=-0.0564) Dominant Wavelength = 462.5nm Purity=58.9%
 Ratio: R=23.6% G=64.3% B=12.1% Peak Wavelength=448.8nm FWHM=16.1nm
 Render Index: Ra=41.3 AvgR=32.2

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%)



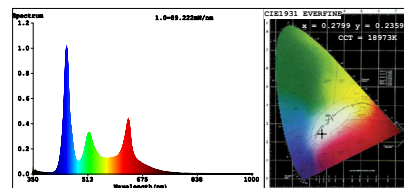
Color Parameters:
 Chromaticity Coordinate: $x=0.3894$ $y=0.3709$ $u^*=-0.2335$ $v^*=-0.5003$
 CCT=3713K (Duv=-0.0053) Dominant Wavelength = 583.1nm Purity=28.2%
 Ratio: R=21.6% G=74.3% B=4.2% Peak Wavelength=583.1nm FWHM=24.4nm
 Render Index: Ra=96.3 AvgR=94.9

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 (78%)



Color Parameters:
 Chromaticity Coordinate: $x=0.2799$ $y=0.2359$ $u^*=-0.2125$ $v^*=-0.4028$
 CCT=18973K (Duv=-0.0298) Dominant Wavelength = 447.3nm Purity=30.7%
 Ratio: R=21.7% G=70.6% B=7.7% Peak Wavelength=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

KES TESTING CERTIFICATION

Certificate of Conformity



Certification No. : KESJC20231009000046482E
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 in page 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
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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.



Authorized Signer:



Shenzhen KES Testing & Certification Co., LTD

Room 405, Floor 4th, Building C, Yuxing Technology Industrial Park, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
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