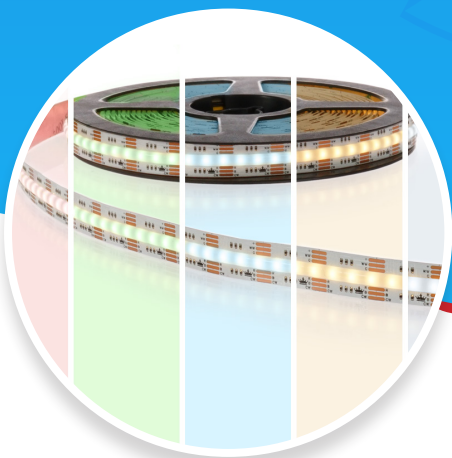




LedKoning

RGBWW PRIME LED STRIP



R G B W W

LEDS
p/m
840

Lumen
p/m
859,1

Watt
p/m
22,7

180°

Dimbaar

5
Jaar

CE

SPECIFICATIES

Algemene kenmerken

Dimbaar	Ja	
3M plakstrip over gehele lengte	Ja	
Garantie	5 jaar	
Op maat te knippen	12V: Elke 2,5cm	24V: Elke 4,16cm

LED's en licht

Aantal LED's p/m	840 leds/m
Type LED	COB
Merk LED	SanAn
Stralingshoek	180°
Kleur	RGB + Warm Wit + Koud Wit
Kleurtemperatuur (Kelvin)	2700-6500
CRI	>90
Aantal branduren	50.000

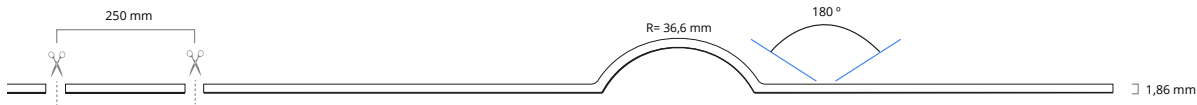
Technische specificaties

Lichtsterkte (lumen) p/m	12V: 859,1 Lumen	24V: 1174 Lumen
Voltage (DC)	12V of 24V	
Watt - vermogen p/m	12V: 22,7W	24V: 25,2W
Lumen per watt	12V: 37,85 lm	24V: 46,59 lm
Watt per LED	12V: 0,027 W	24V: 0,030 W

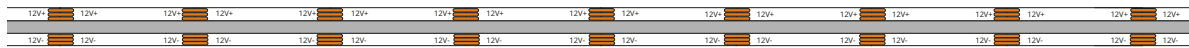
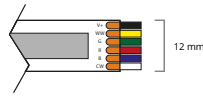
Strip eigenschappen

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: 1,86mm	IP65: 5,5mm	IP67: 5,5mm
Aansluiting begin	6-pins stekker type vrouw+man		
Aansluiting einde	6-pins stekker type vrouw		

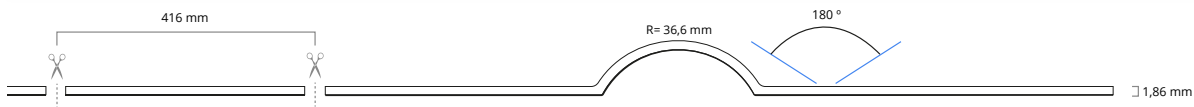
TECHNISCHE TEKENINGEN



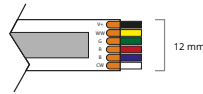
3M 300LSE Tape



IP20 12V



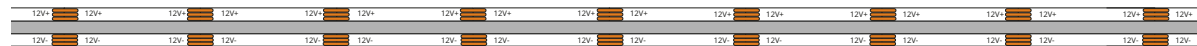
3M 300LSE Tape



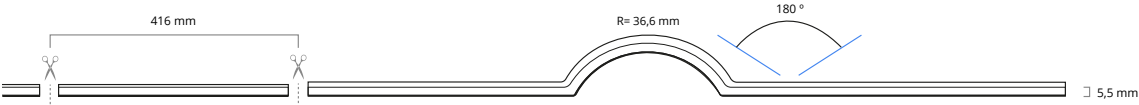
IP20 24V



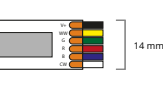
3M VHB Tape



IP65/67 12V

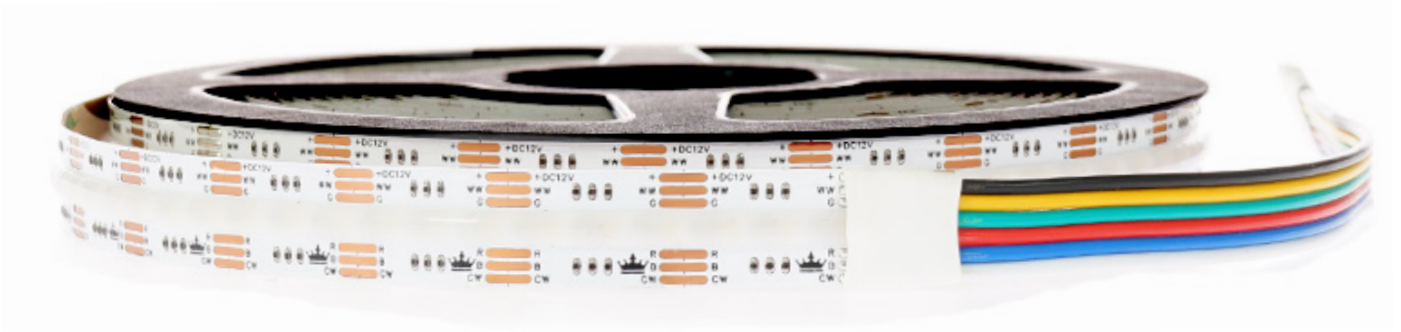


3M VHB Tape



IP65/67 24V

DETAILFOTO'S



IP20



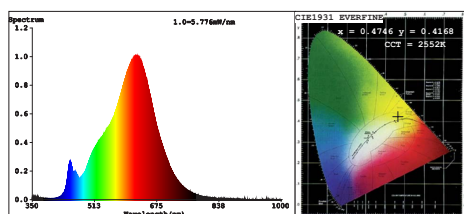
IP65



IP67

SPECTRUM TESTRAPPORTEN

12V



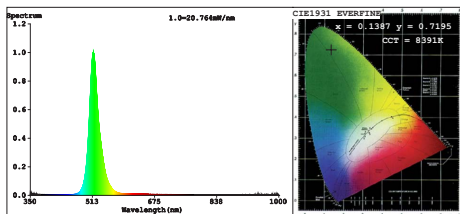
Color Parameters:
 Chromaticity Coordinate: $x=0.4746$ $y=0.4168$ $u'=0.2692$ $v'=0.5319$
 CCT=2552K (Duv=0.0012) Dominant WL: $\lambda_d=584.6$ nm Purity=67.6%
 Ratio: R=27.5% G=70.3% B=2.2% Peak WL: $\lambda_p=624.8$ nm FWHM=127.9nm
 Render Index: Ra=91.3 AvgR=88.5

R1 = 91 R2 = 96 R3 = 99 R4 = 92 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 = 251.6 lm Eff. : 56.23 lm/W Fe = 878.3 mW

Electrical parameters:
 V = 11.998 V I = 0.3729 A P = 4.474 W PF = 1.000
 LEVEL: OUT WHITE: OUT

Status: Integral T = 727 ms Ip = 51282 (788)



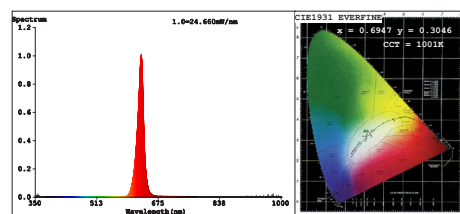
Color Parameters:
 Chromaticity Coordinate: $x=0.1387$ $y=0.7195$ $u'=-0.0488$ $v'=0.5702$
 CCT=8391K (Duv=0.1656) Dominant WL: $\lambda_d=520.8$ nm Purity=77.1%
 Ratio: R=0.7% G=96.6% B=2.7% Peak WL: $\lambda_p=515.2$ nm FWHM=25.4nm
 Render Index: Ra=0.0 AvgR=2.3

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 = 295.7 lm Eff. : 76.70 lm/W Fe = 678.9 mW

Electrical parameters:
 V = 11.998 V I = 0.3214 A P = 3.856 W PF = 1.000
 LEVEL: OUT WHITE: OUT

Status: Integral T = 163 ms Ip = 51211 (788)



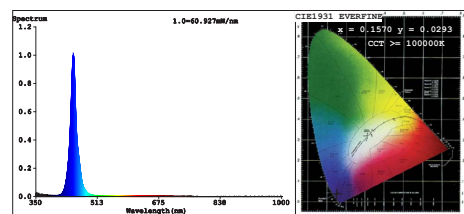
Color Parameters:
 Chromaticity Coordinate: $x=0.6947$ $y=0.3046$ $u'=-0.5277$ $v'=-0.5206$
 CCT=1001K (Duv=-0.0802) Dominant WL: $\lambda_d=622.0$ nm Purity=99.8%
 Ratio: R=97.8% G=2.2% B=0.0% Peak WL: $\lambda_p=630.3$ nm FWHM=16.4nm
 Render Index: Ra=25.3 AvgR=29.5

R1 = 5 R2 = 79 R3 = 27 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 = 101.1 lm Eff. : 15.35 lm/W Fe = 496.9 mW

Electrical parameters:
 V = 11.998 V I = 0.5492 A P = 6.589 W PF = 1.000
 LEVEL: OUT WHITE: OUT

Status: Integral T = 163 ms Ip = 45446 (698)



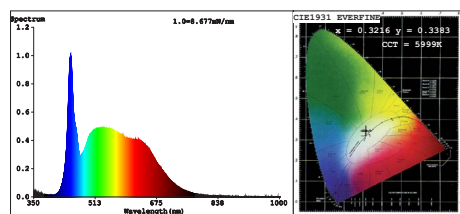
Color Parameters:
 Chromaticity Coordinate: $x=0.1570$ $y=0.0293$ $u'=0.2067$ $v'=0.0868$
 CCT=10000K (Duv=-0.2097) Dominant WL: $\lambda_d=453.8$ nm Purity=97.5%
 Ratio: R=3.8% G=20.3% B=75.9% Peak WL: $\lambda_p=449.2$ nm FWHM=15.6nm
 Render Index: Ra=8.5 AvgR=7.8

R1 = 32 R2 = 0 R3 = 0 R4 = 0 R5 = 36 R6 = 0 R7 = 0
 R8 = 0 R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 9 R14 = 0 R15 = 40

Photo Parameters:
 Flux = 51.59 lm Eff. : 11.15 lm/W Fe = 1.344 W

Electrical parameters:
 V = 11.998 V I = 0.3856 A P = 4.626 W PF = 1.000
 LEVEL: OUT WHITE: OUT

Status: Integral T = 81 ms Ip = 53709 (828)



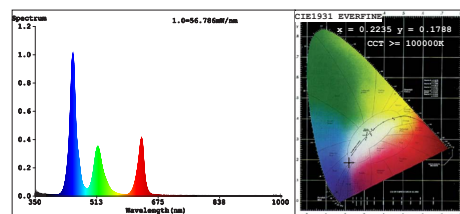
Color Parameters:
 Chromaticity Coordinate: $x=0.3216$ $y=0.3383$ $u'=0.2005$ $v'=0.4745$
 CCT=5998K (Duv=0.0035) Dominant WL: $\lambda_d=497.2$ nm Purity=3.7%
 Ratio: R=15.5% G=78.5% B=6.0% Peak WL: $\lambda_p=447.8$ nm FWHM=21.1nm
 Render Index: Ra=93.8 AvgR=91.2

R1 = 94 R2 = 94 R3 = 93 R4 = 95 R5 = 94 R6 = 91 R7 = 96
 R8 = 93 R9 = 78 R10 = 86 R11 = 94 R12 = 76 R13 = 94 R14 = 96 R15 = 93

Photo Parameters:
 Flux = 280.3 lm Eff. : 60.55 lm/W Fe = 1.025 W

Electrical parameters:
 V = 11.998 V I = 0.3859 A P = 4.630 W PF = 1.000
 LEVEL: OUT WHITE: ANSI_5700K

Status: Integral T = 549 ms Ip = 51257 (788)



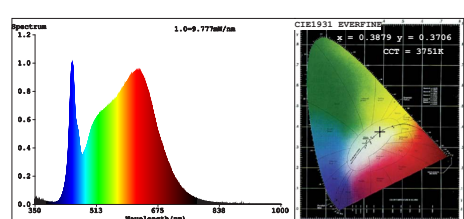
Color Parameters:
 Chromaticity Coordinate: $x=0.2235$ $y=0.1788$ $u'=-0.1903$ $v'=0.3424$
 CCT=10000K (Duv=-0.0389) Dominant WL: $\lambda_d=467.5$ nm Purity=54.1%
 Ratio: R=22.3% G=67.1% B=10.7% Peak WL: $\lambda_p=449.5$ nm FWHM=15.9nm
 Render Index: Ra=47.4 AvgR=38.0

R1 = 26 R2 = 62 R3 = 80 R4 = 32 R5 = 44 R6 = 58 R7 = 73
 R8 = 4 R9 = 0 R10 = 2 R11 = 4 R12 = 68 R13 = 31 R14 = 83 R15 = 3

Photo Parameters:
 Flux = 421.2 lm Eff. : 28.69 lm/W Fe = 2.373 W

Electrical parameters:
 V = 11.998 V I = 1.224 A P = 14.68 W PF = 1.000
 LEVEL: OUT WHITE: OUT

Status: Integral T = 69 ms Ip = 42158 (648)



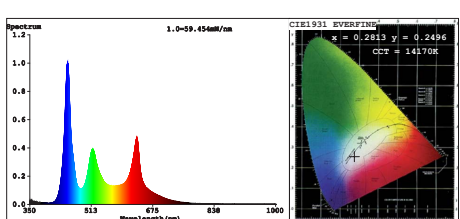
Color Parameters:
 Chromaticity Coordinate: $x=0.3879$ $y=0.3706$ $u'=0.2326$ $v'=0.5000$
 CCT=3751K (Duv=-0.0050) Dominant WL: $\lambda_d=582.8$ nm Purity=27.6%
 Ratio: R=21.4% G=74.4% B=4.2% Peak WL: $\lambda_p=448.2$ nm FWHM=24.4nm
 Render Index: Ra=96.4 AvgR=94.8

R1 = 98 R2 = 98 R3 = 98 R4 = 97 R5 = 98 R6 = 96 R7 = 95
 R8 = 91 R9 = 80 R10 = 97 R11 = 96 R12 = 85 R13 = 99 R14 = 98 R15 = 97

Photo Parameters:
 Flux = 522.9 lm Eff. : 58.38 lm/W Fe = 1.877 W

Electrical parameters:
 V = 11.998 V I = 0.7466 A P = 8.958 W PF = 1.000
 LEVEL: OUT WHITE: ANSI_4000K

Status: Integral T = 444 ms Ip = 51520 (798)



Color Parameters:
 Chromaticity Coordinate: $x=0.2813$ $y=0.2496$ $u'=0.2071$ $v'=0.4135$
 CCT=14170K (Duv=-0.0224) Dominant WL: $\lambda_d=459.7$ nm Purity=27.6%
 Ratio: R=21.0% G=71.7% B=7.3% Peak WL: $\lambda_p=449.9$ nm FWHM=17.3nm
 Render Index: Ra=59.5 AvgR=53.3

R1 = 46 R2 = 80 R3 = 73 R4 = 40 R5 = 57 R6 = 78 R7 = 75
 R8 = 28 R9 = 0 R10 = 61 R11 = 21 R12 = 75 R13 = 53 R14 = 81 R15 = 32

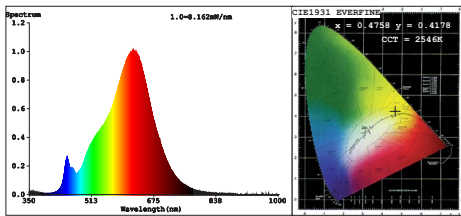
Photo Parameters:
 Flux = 859.1 lm Eff. : 37.84 lm/W Fe = 3.890 W

Electrical parameters:
 V = 11.998 V I = 1.892 A P = 22.70 W PF = 1.000
 LEVEL: OUT WHITE: OUT

Status: Integral T = 55 ms Ip = 35935 (558)

SPECTRUM TESTRAPPORTEN

24V



Color Parameters:

Chromaticity Coordinate: $x=0.4758$ $y=0.4178$ $u'=0.2695$ $v'=0.5325$
 CCT=2546K (Duv=0.0015) Dominant WL:Ld =584.6nm Purity=68.2%
 Ratio:R=27.5% G=70.4% B=2.1% Peak WL:Lp=622.1nm FWHM=128.5nm
 Render Index:Ra=91.2 AvgR=88.3

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:

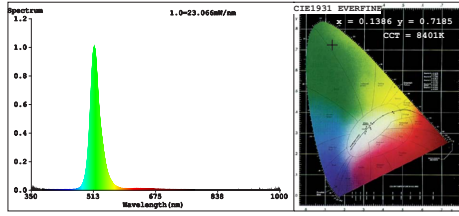
Flux = 355.6 lm Eff. : 71.68 lm/W Fe = 1.241 W

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=8401K (Duv=0.1656) Dominant WL:Ld =520.8nm Purity=76.9%
 Ratio:R=0.7% G=96.5% B=2.8% Peak WL:Lp=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:

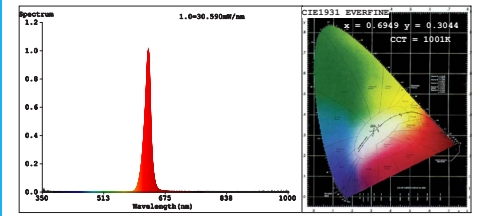
Flux = 328.9 lm Eff. : 93.09 lm/W Fe = 758.0 mW

Electrical parameters:

V = 23.998 V I = 0.1472 A P = 3.533 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 128 ms Ip = 44696 (68%)



Color Parameters:

Chromaticity Coordinate: $x=0.6949$ $y=0.3064$ $u'=0.5281$ $v'=0.5205$
 CCT=1001K (Duv=-0.0806) Dominant WL:Ld =622.1nm Purity=99.8%
 Ratio:R=97.8% G=2.2% B=0.0% Peak WL:Lp=630.3nm FWHM=16.6nm
 Render Index:Ra=25.4 AvgR=25.6

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:

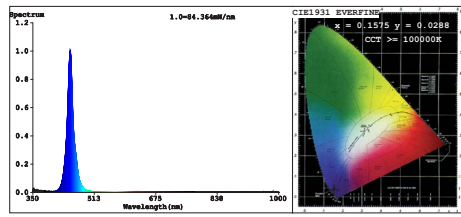
Flux = 125.7 lm Eff. : 19.91 lm/W Fe = 625.3 mW

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 = 44258 (68%)



Color Parameters:

Chromaticity Coordinate: $x=0.1575$ $y=0.0288$ $u'=0.2079$ $v'=0.0856$
 CCT=100000K (Duv=-0.2106) Dominant WL:Ld =453.4nm Purity=97.5%
 Ratio:R=4.0% G=20.6% B=75.5% Peak WL:Lp=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:

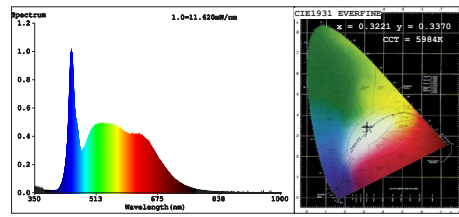
Flux = 70.81 lm Eff. : 13.56 lm/W Fe = 1.875 W

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=5984K (Duv=0.0027) Dominant WL:Ld =495.9nm Purity=3.6%
 Ratio:R=15.6% G=78.4% B=6.0% Peak WL:Lp=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:

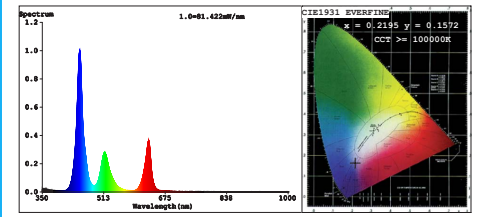
Flux = 376.4 lm Eff. : 72.35 lm/W Fe = 1.385 W

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:Ld =462.5nm Purity=58.9%
 Ratio:R=23.6% G=64.3% B=12.1% Peak WL:Lp=448.9nm 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=4 R12=49 R13=18 R14=82 R15=0

Photo Parameters:

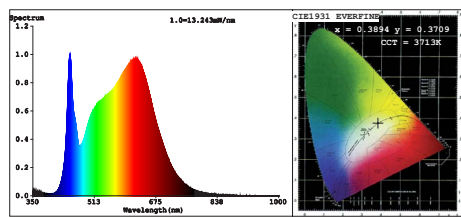
Flux = 509.1 lm Eff. : 33.94 lm/W Fe = 3.167 W

Electrical parameters:

V = 23.998 V I = 0.6251 A P = 15.000 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:Ld =583.1nm Purity=28.2%
 Ratio:R=21.6% G=74.3% B=4.2% Peak WL:Lp=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:

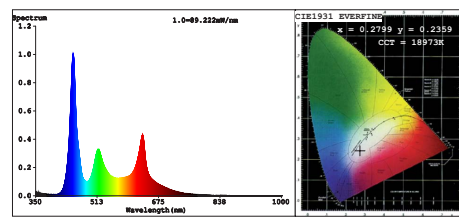
Flux = 720.4 lm Eff. : 69.48 lm/W Fe = 2.595 W

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 (78%)



Color Parameters:

Chromaticity Coordinate: $x=0.2799$ $y=0.2359$ $u'=0.2125$ $v'=0.4028$
 CCT=18973K (Duv=0.0298) Dominant WL:Ld =447.3nm Purity=30.7%
 Ratio:R=21.7% G=70.6% B=7.7% Peak WL:Lp=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: 
Kevin Liu /Manager
Oct. 12, 2023

Shenzhen KES Testing & Certification Co., LTD
Room 405, Floor 4th, Building C, Yuxing Technology Industrial Park, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
86-755-23009643 86-755-23009643 <http://www.kesit.com>

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Model: DWCB608-01M2420, DWCB608-01M1220, DWCB608-01M1265, DWCB608-02M1220, DWCB608-02M1265, DWCB608-03M1220, DWCB608-03M1265, DWCB608-04M1220, DWCB608-04M1265, DWCB608-05M1220, DWCB608-05M1265, DWCB608-06M2420, DWCB608-06M2465, DWCB608-07M2420, DWCB608-07M2465, DWCB608-08M2420, DWCB608-08M2465, DWCB608-09M2420, DWCB608-09M2465, DWCB608-10M2420, DWCB608-10M2465, HWCB128-01M1220, HWCB128-01M1265, HWCB128-02M1220, HWCB128-02M1265, HWCB128-03M1220, HWCB128-03M1265, HWCB128-04M1220, HWCB128-04M1265, HWCB128-05M1220, HWCB128-05M1265, HWCB128-06M2420, HWCB128-06M2465, HWCB128-07M2420, HWCB128-07M2465, HWCB128-08M2420, HWCB128-08M2465, HWCB128-09M2420, HWCB128-09M2465, HWCB128-10M2420, HWCB128-10M2465, WWCB128-06M2420, WWCB128-06M2465, WWCB128-07M2420, WWCB128-07M2465, WWCB128-08M2420, WWCB128-08M2465, WWCB128-09M2420, WWCB128-09M2465, WWCB128-10M2420, WWCB128-10M2465, WWCB504-01M1220, WWCB504-01M1265, WWCB504-02M1220, WWCB504-02M1265, WWCB504-03M1220, WWCB504-03M1265, WWCB504-04M1220, WWCB504-04M1265, WWCB504-05M1220, WWCB504-05M1265, WWCB504-06M2420, WWCB504-06M2465, WWCB504-07M2420, WWCB504-07M2465, WWCB504-08M2420, WWCB504-08M2465, WWCB504-09M2420, WWCB504-09M2465, WWCB504-10M2420, WWCB504-10M2465, HWCB504-01M1220, HWCB504-01M1265, HWCB504-02M1220, HWCB504-02M1265, HWCB504-03M1220, HWCB504-03M1265, HWCB504-04M1220, HWCB504-04M1265, HWCB504-05M1220, HWCB504-05M1265, HWCB504-06M2420, HWCB504-06M2465, HWCB504-07M2420, HWCB504-07M2465, HWCB504-08M2420, HWCB504-08M2465, HWCB504-09M2420, HWCB504-09M2465, HWCB504-10M2420, HWCB504-10M2465, RWCB888-01M1220, RWCB888-01M1265, RWCB888-02M1220, RWCB888-02M1265, RWCB888-03M1220, RWCB888-03M1265, RWCB888-04M1220, RWCB888-04M1265, RWCB888-05M1220, RWCB888-05M1265, RWCB896-01M2420, RWCB896-01M2465, RWCB896-02M2420, RWCB896-02M2465, RWCB896-03M2420, RWCB896-03M2465, RWCB896-04M2420, RWCB896-04M2465, RWCB896-05M2420, RWCB896-05M2465, RWCB896-06M2420, RWCB896-06M2465, RWCB896-07M2420, RWCB896-07M2465, RWCB896-08M2420, RWCB896-08M2465, RWCB896-09M2420, RWCB896-09M2465, RWCB896-10M2420, RWCB896-10M2465, RDCB840-01M1220, RDCB840-01M1265, RDCB840-02M1220, RDCB840-02M1265, RDCB840-03M1220, RDCB840-03M1265, RDCB840-04M1220, RDCB840-04M1265, RDCB840-05M1220, RDCB840-05M1265, RDCB840-06M2420, RDCB840-06M2465, RDCB840-07M2420, RDCB840-07M2465, RDCB840-08M2420, RDCB840-08M2465, RDCB840-09M2420, RDCB840-09M2465, RDCB840-10M2420, RDCB840-10M2465

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