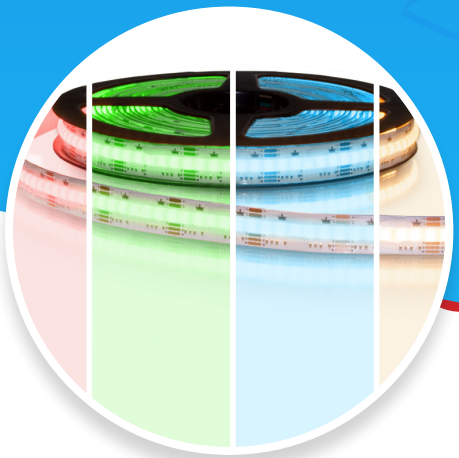
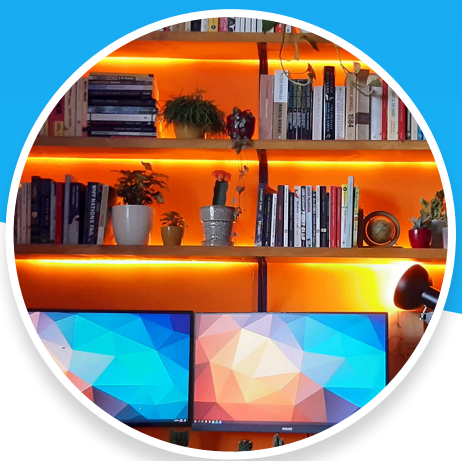
LedKoning

RGBW PRIME LED STRIP





RGBW

LEDS p/m	Lumen p/m	Watt p/m				
888/896	691,4	19,92	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 1,351cm	24V: Elke 3,125cm

LED's en licht

Aantal LED's p/m	12V: 888 leds/m	24V: 896 leds/m
Type LED	COB	
Merk LED	SanAn	
Stralingshoek	180°	
Kleur	RGB + Warm Wit	
Kleurtemperatuur (Kelvin)	2700 (wit)	
CRI	>90 (wit)	
Aantal branduren	50.000	

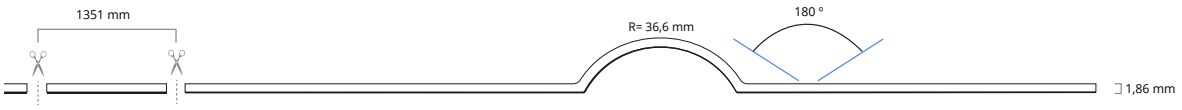
Technische specificaties

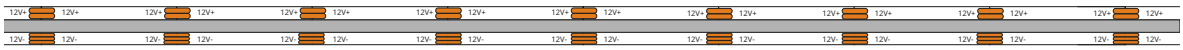
Lichtsterkte (lumen) p/m	12V: 691,4 Lumen	24V: 860,9
Voltage (DC)	12V of 24V	
Watt - vermogen p/m	12V: 19,92W	24V: 22,14W
Lumen per watt	12V: 34,71 lm	24V: 38,88 lm
Watt per LED	12V: 0,022 W	24V: 0,025 W

Strip eigenschappen

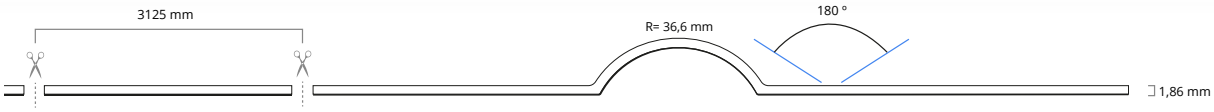
Bescherming	IP20, IP65 of IP67		
Materiaal waterdichte bescherming (IP65/IP67)	Siliconen		
Achtergrond kleur strip (PCB)	Wit		
Plakstrip	IP20: 3M 300LSE	IP65: 3M VHB	IP67: 3M VHB
Breedte led strip	IP20: 12mm	IP65: 14mm	IP67: 14mm
Dikte led strip	IP20: 1,86mm	IP65: 5,5mm	IP67: 5,5mm
Aansluiting begin	5-pins stekker type vrouw+man		
Aansluiting einde	5-pins stekker type vrouw		

TECHNISCHE TEKENINGEN

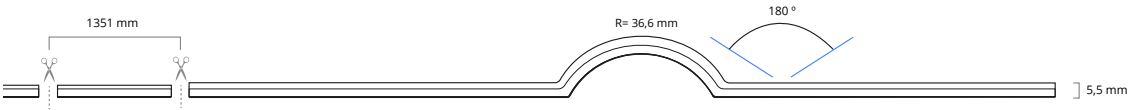




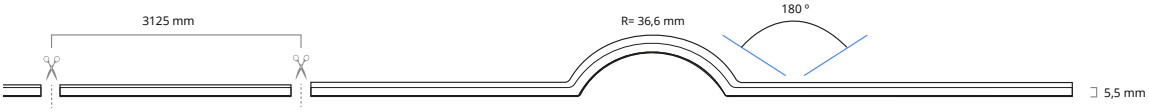
IP20 12V

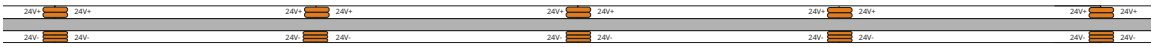


IP20 24V



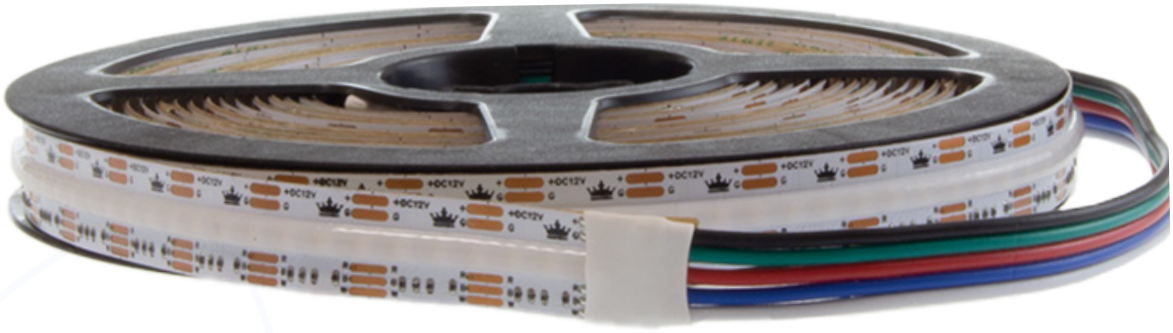
IP65/67 12V



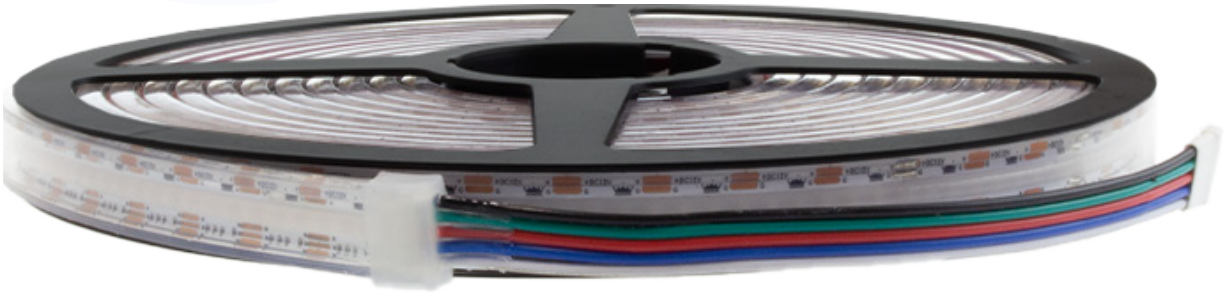


IP65/67 24V

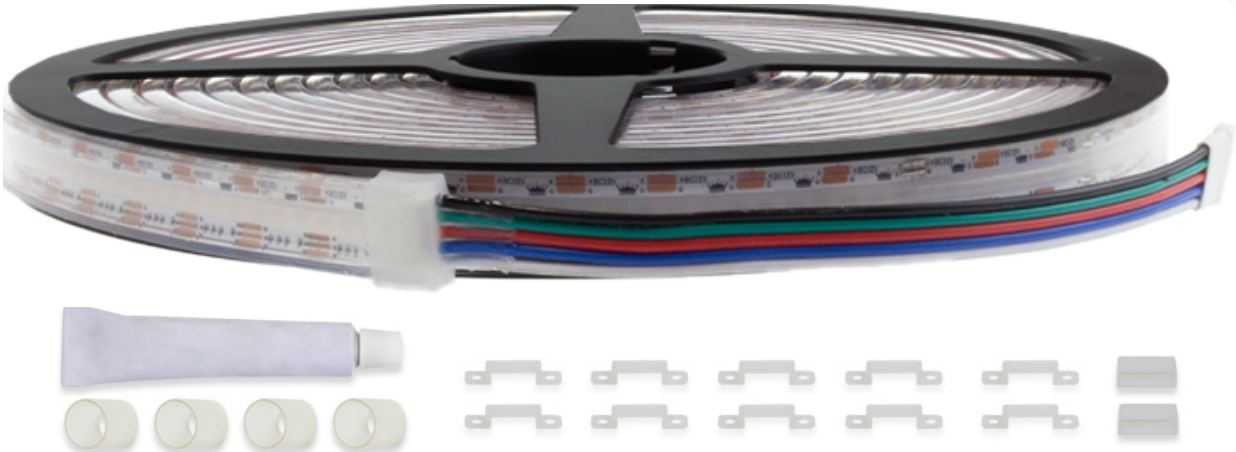
DETAILFOTO'S



IP20

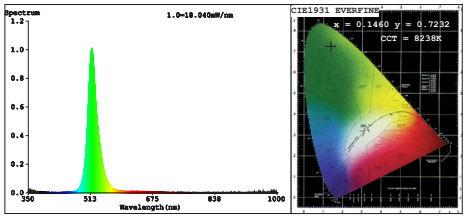


IP65



IP67

SPECTRUM TESTRAPPORTEN 12V



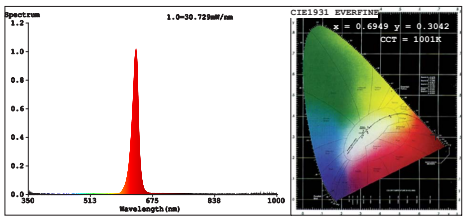
Color Parameters:
Chromaticity Coordinate:x=0.1460 y=0.7232/u'=0.0513 v'=0.5716
CCT=8238K(Duv=0.1640) Dominant WL:Ld =522.4nm Purity=78.1%
Ratio:R=0.7% G=97.0% B=2.2% Peak WL:Lp=515.9nm FWHM=25.3nm
Render Index:Ra=0.0 AvgR=2.3

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=35	R15=0

Photo Parameters:
Flux = 263.2 lm Eff. : 84.33 lm/W Fe = 589.7 mW

Electrical parameters:
V = 11.999 V I = 0.2601 A P = 3.121 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 125 ms Ip = 34191 (52%)



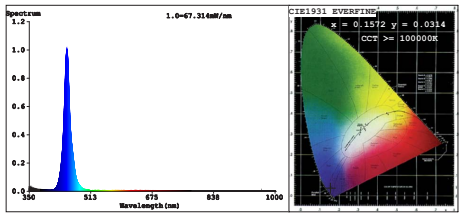
Color Parameters:
Chromaticity Coordinate:x=0.6949 y=0.3042/u'=0.5284 v'=0.5204
CCT=1001K(Duv=-0.0809) Dominant WL:Ld =622.2nm Purity=99.8%
Ratio:R=96.8% G=3.2% B=0.0% Peak WL:Lp=631.6nm FWHM=16.1nm
Render Index:Ra=27.1 AvgR=30.7

R1 =8	R2 =80	R3 =30	R4 =0	R5 =3	R6 =92	R7 =4	
R8 =0	R9 =0	R10=74	R11=0	R12=78	R13=32	R14=60	R15=0

Photo Parameters:
Flux = 121.2 lm Eff. : 18.98 lm/W Fe = 614.0 mW

Electrical parameters:
V = 11.998 V I = 0.5321 A P = 6.384 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 125 ms Ip = 43314 (66%)



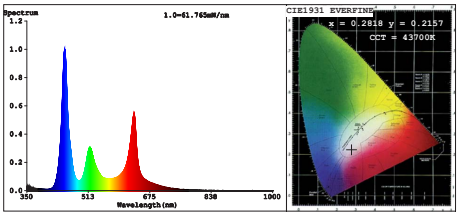
Color Parameters:
Chromaticity Coordinate:x=0.1572 y=0.0314/u'=0.2053 v'=0.0922
CCT=100000K(Duv=-0.2060) Dominant WL:Ld =454.4nm Purity=97.0%
Ratio:R=4.2% G=22.7% B=73.1% Peak WL:Lp=449.5nm FWHM=16.2nm
Render Index:Ra=10.0 AvgR=9.2

R1 =39	R2 =0	R3 =0	R4 =0	R5 =42	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=14	R14=0	R15=45

Photo Parameters:
Flux = 62.21 lm Eff. : 11.15 lm/W Fe = 1.529 W

Electrical parameters:
V = 11.999 V I = 0.4648 A P = 5.577 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 62 ms Ip = 45584 (70%)



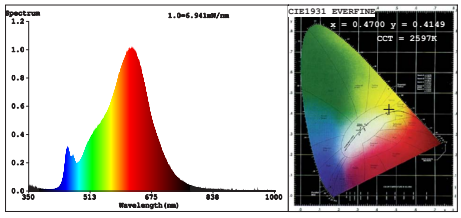
Color Parameters:
Chromaticity Coordinate:x=0.2818 y=0.2157/u'=0.2243 v'=0.3863
CCT=43700K(Duv=-0.0443) Dominant WL:Ld =-568.6nm Purity=51.0%
Ratio:R=26.6% G=65.4% B=8.1% Peak WL:Lp=449.9nm FWHM=17.2nm
Render Index:Ra=34.6 AvgR=29.6

R1 =6	R2 =59	R3 =61	R4 =3	R5 =26	R6 =58	R7 =64	
R8 =0	R9 =0	R10=20	R11=0	R12=60	R13=17	R14=71	R15=0

Photo Parameters:
Flux = 691.4 lm Eff. : 34.72 lm/W Fe = 3.513 W

Electrical parameters:
V = 11.998 V I = 1.660 A P = 19.92 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 75 ms Ip = 50965 (78%)



Color Parameters:
Chromaticity Coordinate:x=0.4700 y=0.4149/u'=0.2671 v'=0.5305
CCT=2597K(Duv=0.0008) Dominant WL:Ld =584.5nm Purity=65.6%
Ratio:R=27.2% G=70.3% B=2.4% Peak WL:Lp=621.4nm FWHM=128.8nm
Render Index:Ra=91.6 AvgR=89.1

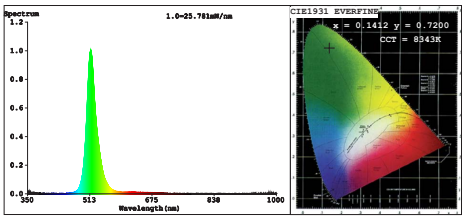
R1 =92	R2 =98	R3 =97	R4 =91	R5 =92	R6 =98	R7 =89	
R8 =76	R9 =50	R10=94	R11=94	R12=86	R13=94	R14=99	R15=86

Photo Parameters:
Flux = 305.0 lm Eff. : 54.86 lm/W Fe = 1.066 W

Electrical parameters:
V = 11.998 V I = 0.4634 A P = 5.560 W PF = 1.000
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 606 ms Ip = 51536 (79%)

SPECTRUM TESTRAPPORTEN 24V



Color Parameters:

Chromaticity Coordinate:x=0.1412 y=0.7200/u'=0.0497 v'=0.5705
CCT=8343K(Duv=0.1650) Dominant WL:Ld =521.3nm Purity=77.3%
Ratio:R=0.8% G=96.6% B=2.6% Peak WL:Lp=515.2nm FWHM=25.6nm
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

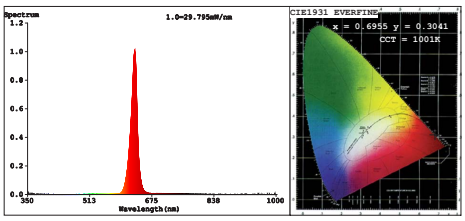
Photo Parameters:

Flux = 369.0 lm Eff. : 90.40 lm/W Fe = 844.3 mW

Electrical parameters:

V = 23.998 V I = 0.1701 A P = 4.082 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 125 ms Ip = 48761 (74%)



Color Parameters:

Chromaticity Coordinate:x=0.6955 y=0.3041/u'=0.5291 v'=0.5205
CCT=1001K(Duv=-0.0815) Dominant WL:Ld =622.3nm Purity=99.9%
Ratio:R=98.1% G=1.9% B=0.0% Peak WL:Lp=630.3nm FWHM=16.4nm
Render Index:Ra=25.2 AvgR=29.3

R1 =4	R2 =79	R3 =27	R4 =0	R5 =0	R6 =91	R7 =0	
R8 =0	R9 =0	R10=72	R11=0	R12=79	R13=30	R14=58	R15=0

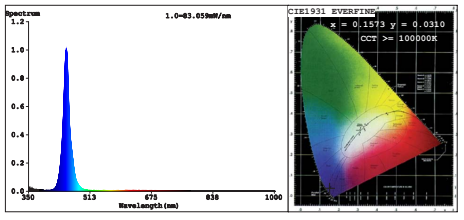
Photo Parameters:

Flux = 120.3 lm Eff. : 17.35 lm/W Fe = 597.6 mW

Electrical parameters:

V = 23.998 V I = 0.2891 A P = 6.938 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 125 ms Ip = 42114 (64%)



Color Parameters:

Chromaticity Coordinate:x=0.1573 y=0.0310/u'=0.2058 v'=0.0911
CCT=100000K(Duv=-0.2067) Dominant WL:Ld =454.1nm Purity=97.1%
Ratio:R=4.8% G=21.1% B=74.1% Peak WL:Lp=449.9nm FWHM=16.1nm
Render Index:Ra=11.0 AvgR=9.8

R1 =43	R2 =0	R3 =0	R4 =0	R5 =45	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=13	R14=0	R15=46

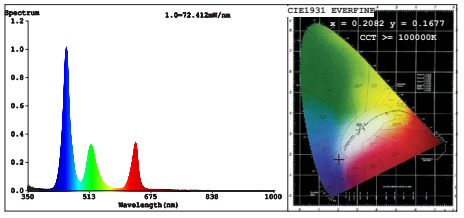
Photo Parameters:

Flux = 75.65 lm Eff. : 14.11 lm/W Fe = 1.873 W

Electrical parameters:

V = 23.998 V I = 0.2234 A P = 5.361 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 62 ms Ip = 56569 (86%)



Color Parameters:

Chromaticity Coordinate:x=0.2082 y=0.1677/u'=0.1812 v'=0.3284
CCT=100000K(Duv=-0.0470) Dominant WL:Ld =469.8nm Purity=59.9%
Ratio:R=18.3% G=69.2% B=12.5% Peak WL:Lp=450.9nm FWHM=17.9nm
Render Index:Ra=61.5 AvgR=51.3

R1 =48	R2 =66	R3 =82	R4 =64	R5 =62	R6 =63	R7 =80	
R8 =27	R9 =0	R10=12	R11=36	R12=71	R13=47	R14=86	R15=25

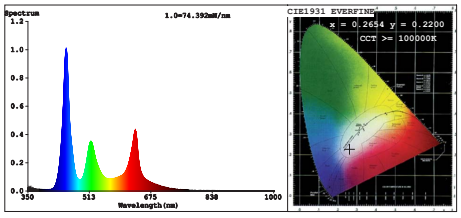
Photo Parameters:

Flux = 517.2 lm Eff. : 30.86 lm/W Fe = 3.066 W

Electrical parameters:

V = 23.998 V I = 0.6982 A P = 16.76 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 64 ms Ip = 51651 (79%)



Color Parameters:

Chromaticity Coordinate:x=0.2654 y=0.2200/u'=0.2077 v'=0.3876
CCT=100000K(Duv=-0.0281) Dominant WL:Ld =456.9nm Purity=36.8%
Ratio:R=22.1% G=69.5% B=8.4% Peak WL:Lp=450.9nm FWHM=18.1nm
Render Index:Ra=49.8 AvgR=42.7

R1 =30	R2 =72	R3 =68	R4 =27	R5 =47	R6 =71	R7 =72	
R8 =12	R9 =0	R10=43	R11=3	R12=67	R13=38	R14=77	R15=13

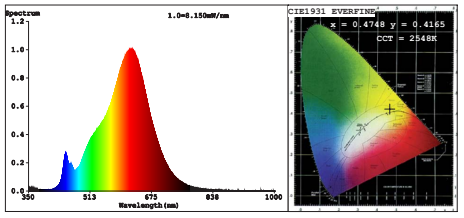
Photo Parameters:

Flux = 860.9 lm Eff. : 38.89 lm/W Fe = 4.258 W

Electrical parameters:

V = 23.998 V I = 0.9224 A P = 22.14 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 64 ms Ip = 53112 (81%)



Color Parameters:

Chromaticity Coordinate:x=0.4748 y=0.4165/u'=0.2694 v'=0.5318
CCT=2548K(Duv=0.0011) Dominant WL:Ld =584.7nm Purity=67.6%
Ratio:R=27.4% G=70.4% B=2.2% Peak WL:Lp=624.4nm FWHM=126.8nm
Render Index:Ra=90.5 AvgR=87.6

R1 =90	R2 =96	R3 =98	R4 =91	R5 =91	R6 =97	R7 =88	
R8 =74	R9 =44	R10=90	R11=93	R12=88	R13=92	R14=100	R15=84

Photo Parameters:

Flux = 355.1 lm Eff. : 65.77 lm/W Fe = 1.228 W

Electrical parameters:

V = 23.998 V I = 0.2250 A P = 5.400 W PF = 1.000
LEVEL:OUT WHITE:OUT

Status: Integral T = 512 ms Ip = 51334 (78%)

CE CERTIFICAAT

KES TESTING CERTIFICATION • • • 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

The certificate is based on a single evaluation of tested samples of above-mentioned product. It doe not imply an assessment of the whole production and does not permit the use of the test laborato logo.

CE

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.kaisitest.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, DWCB608-01M2465, DWCB608-02M2420, DWCB608-02M2465, DWCB608-03M2420, DWCB608-03M2465, DWCB608-04M2420, DWCB608-04M2465, DWCB608-05M2420, DWCB608-05M2465, 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, HWCB128-01M2420, HWCB128-01M2465, HWCB128-02M2420, HWCB128-02M2465, HWCB128-03M2420, HWCB128-03M2465, HWCB128-04M2420, HWCB128-04M2465, HWCB128-05M2420, HWCB128-05M2465, 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, WWCB504-01M2420, WWCB504-01M2465, WWCB504-02M2420, WWCB504-02M2465, WWCB504-03M2420, WWCB504-03M2465, WWCB504-04M2420, WWCB504-04M2465, WWCB504-05M2420, WWCB504-05M2465, WWCB504-06M2420, WWCB504-06M2465, WWCB504-07M2420, WWCB504-07M2465, WWCB504-08M2420, WWCB504-08M2465, WWCB504-09M2420, WWCB504-09M2465, WWCB504-10M2420, WWCB504-10M2465, HWCB504-01M1220, HWCB504-01M1265, HWCB504-02M1265, HWCB504-03M1220, HWCB504-03M1265, HWCB504-04M1220, HWCB504-04M1265, HWCB504-05M1220, HWCB504-05M1265, HWCB504-01M2420, HWCB504-01M2465, HWCB504-02M2420, HWCB504-02M2465, HWCB504-03M2420, HWCB504-03M2465, HWCB504-04M2420, HWCB504-04M2465, HWCB504-05M2420, HWCB504-05M2465, 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, RDCB840-01M2420, RDCB840-01M2465, RDCB840-02M2420, RDCB840-02M2465, RDCB840-03M2420, RDCB840-03M2465, RDCB840-04M2420, RDCB840-04M2465, RDCB840-05M2420, RDCB840-05M2465, RDCB840-06M2420, RDCB840-06M2465, RDCB840-07M2420, RDCB840-07M2465, RDCB840-08M2420, RDCB840-08M2465, RDCB840-09M2420, RDCB840-09M2465, RDCB840-10M2465

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