



# LEDChampion

# DUAL WHITE

# PRO LED STREIFEN



# EIGENSCHAFTEN

## Allgemeine Eigenschaften

|                                         |           |
|-----------------------------------------|-----------|
| Dimmbar                                 | Ja        |
| 3M Klebestreifen über die gesamte Länge | Ja        |
| Garantie                                | 5 jahre   |
| Auf Maß zuschneiden                     | Alle 5 cm |

## LED's und Licht

|                         |                     |
|-------------------------|---------------------|
| Anzahl LEDs p/m         | 320 LEDs/m          |
| Typ LED                 | 2216 SMD            |
| Marke LED               | Epistar             |
| Strahlungswinkel        | 120°                |
| Farbe                   | Warmweiß + Hellweiß |
| Farbtemperatur (Kelvin) | 2700-6500           |
| CRI                     | >90                 |
| Anzahl der Brennstunden | 50.000              |

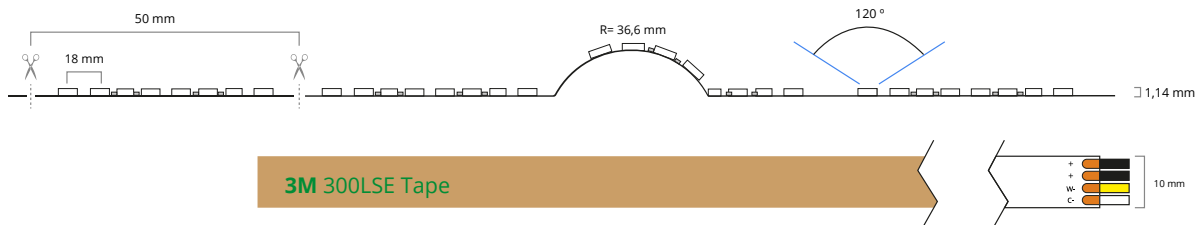
## Technische Eigenschaften

|                           |            |
|---------------------------|------------|
| Lichtleistung (lumen) p/m | 2618 Lumen |
| Voltage (DC)              | 24V        |
| Watt – Leistung p/m       | 24,24 W    |
| Lumen pro watt            | 108,00 lm  |
| Watt pro LED              | 0,076 W    |

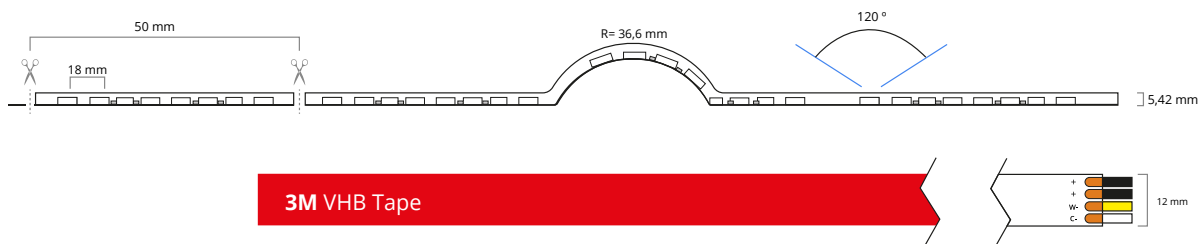
## Streifen Eigenschaften

|                                           |                                  |              |              |
|-------------------------------------------|----------------------------------|--------------|--------------|
| Schutz                                    | IP20, IP65 oder IP67             |              |              |
| Material wasserdichter Schutz (IP65/IP67) | Silikon                          |              |              |
| Hintergrundfarbe Streifen (PCB)           | Weiß                             |              |              |
| Klebestreifen                             | IP20: 3M 300LSE                  | IP65: 3M VHB | IP67: 3M VHB |
| Breite LED Streifen                       | IP20: 10mm                       | IP65: 12mm   | IP67: 12mm   |
| Dicke LED Streifen                        | IP20: 1,14mm                     | IP65: 5,42mm | IP67: 5,42mm |
| Anschluss am Anfang                       | 4- poliger Stecker Typ Frau+Mann |              |              |
| Anschluss am Ende                         | 4- poliger Stecker Typ Frau      |              |              |

# TECHNISCHE ZEICHNUNG



**IP20 12V**



**IP65/67 12V**

# DETAILFOTO'S



**IP20**

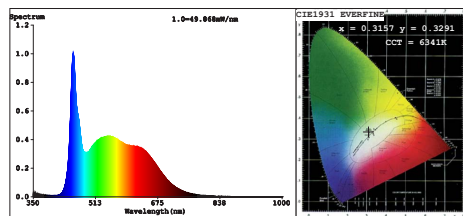


**IP65**



**IP67**

# SPEKTRUM TESTBERICHTE



## Color Parameters:

Chromaticity Coordinate:  $x=0.3157$   $y=0.3291$   $u'=0.1999$   $v'=0.4688$   
CCT=6341K (Duv=0.0017) Dominant WL:  $\lambda_d=488.6$ nm Purity=6.2%  
Ratio: R=15.4% G=77.7% B=6.8% Peak WL:  $\lambda_p=454.3$ nm FWHM=24.5nm  
Render Index: Ra=93.9 CRI=91.8

R1 =95 R2 =99 R3 =97 R4 =90 R5 =92 R6 =93 R7 =93  
R8 =91 R9 =85 R10=95 R11=92 R12=65 R13=98 R14=99 R15=94

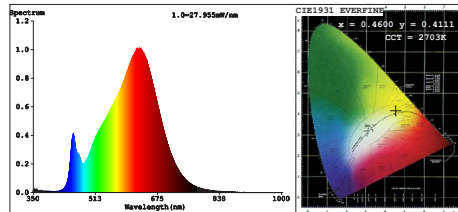
## Photo Parameters:

Flux = 1400 lm Eff. : 125.33 lm/W Fe = 5.108 W

## Electrical parameters:

V = 23.997 V I = 0.4654 A P = 11.17 W PF = 1.000  
LEVEL:OUT WHITE:ANSI\_6500K

Status: Integral T = 83 ms Ip = 47907 (73%)



## Color Parameters:

Chromaticity Coordinate:  $x=0.4600$   $y=0.4111$   $u'=0.2623$   $v'=0.5276$   
CCT=2703K (Duv=0.0002) Dominant WL:  $\lambda_d=584.1$ nm Purity=61.5%  
Ratio: R=26.4% G=71.0% B=2.5% Peak WL:  $\lambda_p=629.3$ nm FWHM=148.0nm  
Render Index: Ra=93.5 CRI=90.8

R1 =94 R2 =97 R3 =99 R4 =93 R5 =93 R6 =97 R7 =92  
R8 =83 R9 =84 R10=92 R11=93 R12=82 R13=95 R14=99 R15=90

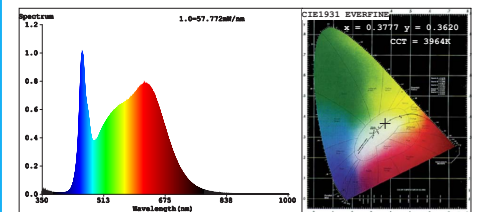
## Photo Parameters:

Flux = 1271 lm Eff. : 113.01 lm/W Fe = 4.583 W

## Electrical parameters:

V = 23.997 V I = 0.4688 A P = 11.25 W PF = 1.000  
LEVEL:OUT WHITE:ANSI\_2700K

Status: Integral T = 154 ms Ip = 51337 (78%)



## Color Parameters:

Chromaticity Coordinate:  $x=0.3777$   $y=0.3620$   $u'=0.2293$   $v'=0.4945$   
CCT=3964K (Duv=-0.0063) Dominant WL:  $\lambda_d=583.5$ nm Purity=21.9%  
Ratio: R=21.0% G=74.0% B=4.9% Peak WL:  $\lambda_p=456.0$ nm FWHM=27.5nm  
Render Index: Ra=95.2 CRI=94.1

R1 =97 R2 =97 R3 =97 R4 =95 R5 =96 R6 =93 R7 =93  
R8 =93 R9 =91 R10=96 R11=96 R12=74 R13=97 R14=100 R15=97

## Photo Parameters:

Flux = 2618 lm Eff. : 107.98 lm/W Fe = 9.573 W

## Electrical parameters:

V = 23.997 V I = 1.010 A P = 24.24 W PF = 1.000  
LEVEL:OUT WHITE:OUT

Status: Integral T = 61 ms Ip = 41251 (63%)

# CE ZERTIFIKAT

شهادة-증명서-Certificate-証明書-Сертификат

Shenzhen Fluent Testing Co., Ltd.  
404 Room, No. 3 Liyuan Road, Tangwang  
Community, Fuhai Street, Baoan District, Shenzhen



## Certificate of Conformity

Certificate No : FT25C-66H032711A  
Applicant : LedKoning  
Address : Rietveldeweg 49D 5222AP DEN BOSCH The Netherlands  
Manufacturer : LedKoning  
Address : Rietveldeweg 49D 5222AP DEN BOSCH The Netherlands  
Product : LED Strip  
Model : (see the following annex)  
Trademark : N/A

The following products have been tested by us with listed standards and found in compliance with the council EMC 2014/30/EU, It is possible to use CE marking to demonstrate the compliance with the EMC directive.  
Other relevant Directives have to be observed.

| Test Standard                                   | Report(s) Number |
|-------------------------------------------------|------------------|
| EN IEC 55015:2019/A11:2020<br>EN IEC 61547:2023 | FT25T-66H032712A |



  
Authorised Signatory/Manager

Date: Mar. 27, 2025

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.

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## Annex I

### Model/Type reference:

DWLS320-XXM2420,WWCBCT-XXM24,HWCBCT-XXM24,WWCBCT-XXM12,HWCBCT-XXM12,  
2,DWLS320-XXM2465,WWLS240-XXM2420,WWLS240-XXM2465,HWLS240-XXM2420,HWLS  
240-XXM2465,KWLS60-XXM1220,KWLS60-XXM1265,KWLS120-XXM1220,KWLS120-XXM12  
65,KWLS60-XXM2420,KWLS60-XXM2465,KWLS120-XXM2420,KWLS120-XXM2465,RWLS96  
W-XXM2420,RWLS96W-XXM2465,RWLS96H-XXM2420,RWLS96H-XXM2465,RDLS36-XXM1  
220,RDLS36-XXM1265,RDLS36-XXM2420,RDLS36-XXM2465,RDLS60-XXM1220,RDLS60-X  
XM1265,RDLS60-XXM2420,RDLS60-XXM2465,RDLS96-XXM2420,RDLS96-XXM2465,27KCC  
60-XXM2420,27KCC60-XXM2465,30KCC60-XXM2420,30KCC60-XXM2465,40KCC60-XXM24  
20,40KCC60-XXM2465,27KCC120-XXM2420,30KCC120-XXM2465,40KCC120-XXM2420,40K  
CC120-XXM2465,D2W2216-XXM2420,D2W2216-XXM2465,BL2835-XXM1220,BL2835-XXM1  
265,BL2835-XXM2420,BL2835-XXM2465,24K2835-XXM1220,24K2835-XXM1265,24K2835-X  
XM2420,24K2835-XXM2465,30K2835-XXM1220,30K2835-XXM1265,30K2835-XXM2420,30K2  
835-XXM2465,OR2835-XXM1220,OR2835-XXM1265,OR2835-XXM2420,OR2835-XXM2465,R  
O2835-XXM1220,RO2835-XXM1265,RO2835-XXM2420,RO2835-XXM2465,BB27K-XXM1220,  
BB30K-XXM1220,BB40K-XXM1220,BB65K-XXM1220,GR2835-XXM1220,GR2835-XXM1265,  
GR2835-XXM2420,GR2835-XXM2465,24KCB384-XXM2420,24KCB384-XXM2465,30KCB384-  
XXM2420,30KCB384-XXM2465,65KCB384-XXM2420,65KCB384-XXM2465,ROCB384-XXM24  
20,ROCB384-XXM2465,BLCB384-XXM2420,BLCB384-XXM2465,GRCB384-XXM2420,GRCB  
384-XXM2465,RBCB810-XXM1220,RBCB810-XXM1265,RBCB840-XXM2420,RBCB840-XXM  
2465,GWRW21-XXM2420,GWRW21-XXM2465,GWRB51-XXM2465,GWRB51-XXM2465,UBL  
SRB-SMDXXCM,UBLSRD-SMDXXCM.

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**TESTING**

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Address : Rietveldeweg 49D 5222AP DEN BOSCH The Netherlands  
Manufacturer : LedKoning  
Address : Rietveldeweg 49D 5222AP DEN BOSCH The Netherlands  
Product : LED Strip  
Model : (see the following annex)  
Trademark : N/A

The Certificate of Compliance is based on a test procedure or an evaluation of the below-mentioned product. This is to certify that the below-mentioned product is in compliance with the RoHS 2.0 Directive -2011/65/EU Annex II (EU) 2015/863 as last amended by Directive (EU) 2017/2102.

| Test Standard                                        | Report(s) Number |
|------------------------------------------------------|------------------|
| IEC 62321-3-1:2013, IEC 62321-7-1:2015               | FT25T-66H032713T |
| IEC 62321-4:2013+A1:2017, IEC 62321-7-2:2017         |                  |
| IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-8:2017 |                  |

# RoHS

**APPROVED**  
Authorised Signatory/Manager

Date: Mar. 27 , 2025

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