## LIMENTE



### 3000 K



#### THE FOLLOWING ITEMS ARE INCLUDED

- ribbon, with in both ends driver
- 2 x 3m power cord with TOP connector

### RIBBON 20 COM

24 V | 3000 K | IP44 | 192 led/m | 1380 lm/m | CRI>85 Product code: 682410

#### A versatile LED strip

Powerful work and mood lighting with LEDs very close to each other (192 LEDs / meters). The ribbon is used in kitchen lighting as an indirect light, for example behind the mirrors, in plinths, in furniture, in ceilings, and anywhere where the lamp needs to be as invisible as possible. LIMENTE LED-RIBBON can be shortened between 3,3 mm. All LED-strips should always be installed on a heat conducting surface like LIMENTE LIGHT PROFILE to quarantee the lifetime of LED's.

High quality LEDs with a colour index of Ra> 85, an efficiency of 115 lm/W, a luminous intensity of 1380 lm/m 1380 lm/m and a colour temperature of 3000 K are used as standard (small colour temperature differences might exists). In addition to this standard model, the LIMENTE LED RIBBON is available as a LUX model (3000 K and 4000 K) and an adjustable CCT model (2700 K - 6000 K).

Learn more from our website

### Dimming and lighting control

By adjusting the lights, it is easy to create appropriate lighting for different occasions. By dimming LIMENTE LED-strip you can change your home's lighting from efficient and bright to dim and cosy. You can use the same switch to adjust all the LIMENTE lights in the room, including various ceiling, panel- and profile lights. The lamps adjust smoothly at the same time, while simultaneously changing the ambience of the space.

Learn more from our website

#### Installation

The LIMENTE LED-RIBBON tape is fast and easy to install. <u>Learn more from our website</u>



### RIBBON 20 COM 3K IP44 STRIP

### **OVERVIEW**

PRODUCT CODE	682410
GTIN-CODE	6430022822061
ELECTRICAL NUMBER	4143118
ETIM GENERAL NAME	Light ribbon-/hose/-strip
ETIM CLASS	Light ribbon-/hose/-strip EC002706
ETIM GROUP	41 Domestic light fittings
COLOUR	
LAMP TYPE	LED

### **SPECIFICATIONS**

MOUNTING METHODSurface mountingCOLOUR TEMPERATURE3000 KCOLOUR RENDERING INDEX CRI> 85RATED LIFE TIME36.000h (L80B10), 84.000h (L70B50)ENERGY EFFICIENCY CLASSFLUMINOUS FLUX1380 lm/mEFFICIENCY115 lm/WVOLTAGE24 V DCINGRESS PROTECTION CODEIP44NUMBER OF LEDS/M192INPUT POWER24 WNUMBER OF SWITCHING CYCLES> 50 000AMBIENT TEMPERATURE RANGE-20°C~50°CINPUT POWER CONNECTORTop, hole Ø 8 mmWARRANTY PERIOD (MONTHS)24ADDITIONAL COVER (MONTHS)12INSTALLATION AND OPERATING MANUALhttps://www.limente.fi/Images/productpics/instructions/limente_ribbon-pro.pdf	PRODUCT DIMENSIONS	2000.0 x 10.0 x 3.0
COLOUR RENDERING INDEX CRI         > 85           RATED LIFE TIME         36.000h (L80B10), 84.000h (L70B50)           ENERGY EFFICIENCY CLASS         F           LUMINOUS FLUX         1380 lm/m           EFFICIENCY         115 lm/W           VOLTAGE         24 V DC           INGRESS PROTECTION CODE         IP44           NUMBER OF LEDS/M         192           INPUT POWER         24 W           NUMBER OF SWITCHING CYCLES         > 50 000           AMBIENT TEMPERATURE RANGE         -20°C~50°C           INPUT POWER CONNECTOR         Top, hole Ø 8 mm           WARRANTY PERIOD (MONTHS)         24           ADDITIONAL COVER (MONTHS)         12	MOUNTING METHOD	Surface mounting
RATED LIFE TIME  36.000h (L80B10), 84.000h (L70B50)  ENERGY EFFICIENCY CLASS  F  LUMINOUS FLUX  1380 lm/m  EFFICIENCY  115 lm/W  VOLTAGE  124 V DC  INGRESS PROTECTION CODE  IP44  NUMBER OF LEDS/M  192  INPUT POWER  24 W  NUMBER OF SWITCHING CYCLES  > 50 000  AMBIENT TEMPERATURE RANGE  INPUT POWER CONNECTOR  Top, hole Ø 8 mm  WARRANTY PERIOD (MONTHS)  24  ADDITIONAL COVER (MONTHS)	COLOUR TEMPERATURE	3000 K
ENERGY EFFICIENCY CLASS  LUMINOUS FLUX  1380 lm/m  EFFICIENCY  115 lm/W  VOLTAGE  24 V DC  INGRESS PROTECTION CODE  IP44  NUMBER OF LEDS/M  192  INPUT POWER  NUMBER OF SWITCHING CYCLES  AMBIENT TEMPERATURE RANGE  1-20°C~50°C  INPUT POWER CONNECTOR  Top, hole Ø 8 mm  WARRANTY PERIOD (MONTHS)  24  ADDITIONAL COVER (MONTHS)	COLOUR RENDERING INDEX CRI	> 85
LUMINOUS FLUX  EFFICIENCY  115 lm/W  VOLTAGE  124 V DC  INGRESS PROTECTION CODE  IP44  NUMBER OF LEDS/M  192  INPUT POWER  NUMBER OF SWITCHING CYCLES  AMBIENT TEMPERATURE RANGE  1-20°C~50°C  INPUT POWER CONNECTOR  Top, hole Ø 8 mm  WARRANTY PERIOD (MONTHS)  ADDITIONAL COVER (MONTHS)  12	RATED LIFE TIME	36.000h (L80B10), 84.000h (L70B50)
EFFICIENCY  115 lm/W  VOLTAGE  24 V DC  INGRESS PROTECTION CODE  NUMBER OF LEDS/M  192  INPUT POWER  24 W  NUMBER OF SWITCHING CYCLES  AMBIENT TEMPERATURE RANGE  INPUT POWER CONNECTOR  VORTAGE  Top, hole Ø 8 mm  WARRANTY PERIOD (MONTHS)  ADDITIONAL COVER (MONTHS)  12	ENERGY EFFICIENCY CLASS	F
VOLTAGE  INGRESS PROTECTION CODE  IP44  NUMBER OF LEDS/M  INPUT POWER  NUMBER OF SWITCHING CYCLES  AMBIENT TEMPERATURE RANGE  INPUT POWER CONNECTOR  WARRANTY PERIOD (MONTHS)  ADDITIONAL COVER (MONTHS)  24 V DC  IP44  192  24 W  -20 C ~50 °C  Top, hole Ø 8 mm  24  ADDITIONAL COVER (MONTHS)  12	LUMINOUS FLUX	1380 lm/m
INGRESS PROTECTION CODE  NUMBER OF LEDS/M  192  INPUT POWER  24 W  NUMBER OF SWITCHING CYCLES  > 50 000  AMBIENT TEMPERATURE RANGE  10p, hole Ø 8 mm  WARRANTY PERIOD (MONTHS)  24  ADDITIONAL COVER (MONTHS)	EFFICIENCY	115 lm/W
NUMBER OF LEDS/M  INPUT POWER  24 W  NUMBER OF SWITCHING CYCLES  > 50 000  AMBIENT TEMPERATURE RANGE  -20°C~50°C  INPUT POWER CONNECTOR  Top, hole Ø 8 mm  WARRANTY PERIOD (MONTHS)  24  ADDITIONAL COVER (MONTHS)  12	VOLTAGE	24 V DC
INPUT POWER  24 W  NUMBER OF SWITCHING CYCLES  > 50 000  AMBIENT TEMPERATURE RANGE  -20°C~50°C  INPUT POWER CONNECTOR  Top, hole Ø 8 mm  WARRANTY PERIOD (MONTHS)  24  ADDITIONAL COVER (MONTHS)  12	INGRESS PROTECTION CODE	IP44
NUMBER OF SWITCHING CYCLES > 50 000  AMBIENT TEMPERATURE RANGE -20°C~50°C  INPUT POWER CONNECTOR Top, hole Ø 8 mm  WARRANTY PERIOD (MONTHS) 24  ADDITIONAL COVER (MONTHS) 12	NUMBER OF LEDS/M	192
AMBIENT TEMPERATURE RANGE -20°C~50°C INPUT POWER CONNECTOR Top, hole Ø 8 mm  WARRANTY PERIOD (MONTHS) 24  ADDITIONAL COVER (MONTHS) 12	INPUT POWER	24 W
INPUT POWER CONNECTOR  Top, hole Ø 8 mm  WARRANTY PERIOD (MONTHS)  ADDITIONAL COVER (MONTHS)  12	NUMBER OF SWITCHING CYCLES	> 50 000
WARRANTY PERIOD (MONTHS) 24 ADDITIONAL COVER (MONTHS) 12	AMBIENT TEMPERATURE RANGE	-20°C~50°C
ADDITIONAL COVER (MONTHS) 12	INPUT POWER CONNECTOR	Top, hole Ø 8 mm
	WARRANTY PERIOD (MONTHS)	24
INSTALLATION AND OPERATING MANUAL https://www.limente.fi/Images/productpics/instructions/limente_ribbon-pro.pdf	ADDITIONAL COVER (MONTHS)	12
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### RIBBON 20 COM 3K IP44 STRIP

### **RECOMMENDED ACCESSORIES**

PRODUCT CODE	PRODUCT
682300	PROFILE LINEA, WITHOUT LED-STRIP, ALUMINUM 2,0 M + 1,0 M
LED28030	LIMENTE POWER SUPPLY, WHITE, 24 V, 30W, INTEGRATED CONNECTORS
LED28060	LIMENTE POWER SUPPLY, WHITE, 24 V, 60W, INTEGRATED CONNECTORS
LED28100	LIMENTE POWER SUPPLY, WHITE, 24 V, 100W, INTEGRATED CONNECTORS

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