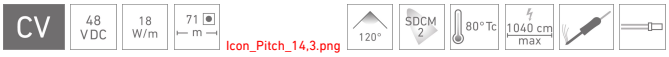
LEDlight flex 14 8p High Performance 48V

High Performance

- binning in 2 step MacAdam per reel
- very efficient thermal management due to larger, flat LED chip (5630) and integrated heat dissipation
- 48 V technology for longer power infeed > 10 m
- reverse polarity protection
- long LED lifetime due to current limiter with integrated temperature control, high amount of copper in FPC and 3M thermoconducting adhesive tape

Please observe the installation and safety instructions at https://www.barthelme.de/content/en/manuals.aspx !

LED REEL



LIGHT DATA

	50404828	50404833	50404827	50404835	50404815
Typ. color temperature	2700 K	3000 K	3500 K	4000 K	5000 K
Light color	warm white	white		cold white	daylight
Typ. luminous flux per meter	1890 lm/m				
Efficiency	105 lm/W				
Energy efficiency class	A+				
Typ. color rendering index	85				
LED beam angle	120 °				
Lifetime L70	>54000 h				

POWER DATA

	50404828	50404833	50404827	50404835	50404815
Operating voltage	48 V DC				
Typ. operating current	2,25 A				
Typ. power	108 W				
Power per meter	18 W/m				
Protection against electrostatic discharge	5000 V				
Lifetime L70	>54000 h				

FURTHER DATA

	50404828	50404833	50404827	50404835	50404815
Number of cuts	30				
Length smallest unit/cut	200 mm				
Number of LEDs per unit/cut	14				
Max. temperature Tc	80 ° C				
Length stripe	6000 mm				
Width stripe	8 mm				
Height stripe	2,5 mm				
Max. operable length	10400 mm				

Maximum values at Ta=25°C

CUT

	50004828	50004833	50004827	50004834	50004815
Typ. color temperature	2700 K	3000 K	3500 K	4000 K	5000 K
Light color	warm white	white		cold white	daylight
Operating voltage	48 V DC				
Typ. operating current	75 mA				
Typ. power	3,6 W				
Typ. luminous flux per meter	1890 lm/m				
Efficiency	105 lm/W				
Energy efficiency class	A++				
Number of LEDs per cut	14				
Length cut	200 mm				

The guarantee period for the product is 5 years and begins on the day of shipment.

Reference is the date of the delivery bill. The guarantee period may differ for accessories.