

LEDlight flex 15 8p High Performance Pro

High Performance Pro

- only 8 mm wide for use with designated plug connectors with integrated strain relief to connect stripes without tools or soldering
- very efficient thermal management due to larger, flat LED chip (5630) and integrated heat dissipation
- long LED lifetime due to current limiter with integrated temperature control, high amount of copper in FPC and 3M thermoconducting double-sided adhesive tape
- very good lumen output despite small number of LEDs and large LED pitch due to higher current supply
- ESD proof: up to 5 kV based on JESD22-A114-F
- reverse polarity protection
- binning in 2 step MacAdam per reel
- estimated lifetime L70 at Tc<80°C: >54,000h



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

LED REEL



LIGHT DATA

	50327028	50327033	50327027	50327034	50327015
Typ. color temperature	2700 K	3000 K	3500 K	4000 K	5500 K
Light color	warm white	white		cold white	daylight
Typ. luminous flux per meter	2400 lm/m				
Efficiency	90 lm/W				
Energy efficiency class	A+				
Typ. color rendering index	85				
LED beam angle	120 °				
Lifetime L70	>54000 h				

POWER DATA

	50327028	50327033	50327027	50327034	50327015
Operating voltage	24 V DC				
Typ. operating current	3,58 A				
Typ. power	86 W				
Power per meter	26,5 W/m				
Protection against electrostatic discharge	5000 V				
Lifetime L70	>54000 h				

FURTHER DATA

	50327028	50327033	50327027	50327034	50327015
Number of cuts			36		
Length smallest unit/cut			90 mm		
Number of LEDs per unit/cut			6		
Max. temperature Tc			80 °C		
Length stripe			3240 mm		
Width stripe			8 mm		
Height stripe			1,4 mm		
Max. operable length			3240 mm		

Maximum values at Ta=25°C

CUT

	50007028	50007033	50007027	50007034	50007015
Typ. color temperature	2700 K	3000 K	3500 K	4000 K	5500 K
Light color	warm white	white		cold white	daylight
Operating voltage	24 V DC				
Typ. operating current	100 mA				
Typ. power	2,4 W				
Typ. luminous flux per meter	2400 lm/m				
Efficiency	90 lm/W				
Energy efficiency class	A++				
Number of LEDs per cut	6				
Length cut	90 mm				

Maximum values at Ta=25°C

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.