

LEDlight flex 07 High Performance

High Performance

- very good brightness with lumen output of typ. 3,600 lm/m due to efficient LEDs and small LED pitch
- 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
- 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: >66,000h



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

LED REEL



LIGHT DATA

	50327428	50327433	50327427	50327434	50327415
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	3600 lm/m				
Efficiency	101 lm/W				
Energy efficiency class	A+				
Typ. color rendering index	85				
LED beam angle	120 °				
Lifetime L70	>66000 h				

POWER DATA

	50327428	50327433	50327427	50327434	50327415
Operating voltage	24 V DC				
Typ. operating current	4,79 A				
Typ. power	115 W				
Power per meter	35,5 W/m				
Protection against electrostatic discharge	5000 V				
Lifetime L70	>66000 h				

FURTHER DATA

	50327428	50327433	50327427	50327434	50327415
Number of cuts	72				
Length smallest unit/cut	45 mm				
Number of LEDs per unit/cut	6				
Max. temperature Tc	80 ° C				
Length stripe	3240 mm				
Width stripe	10 mm				
Height stripe	1,4 mm				

	50327428	50327433	50327427	50327434	50327415
Max. operable length	3500 mm				

CUT

	50009628	50009627	50009615
Typ. color temperature	2700 K	3500 K	5500 K
Light color	warm white	white	daylight
Operating voltage	24 V DC		
Typ. operating current	67 mA		
Typ. power	1,6 W		
Typ. luminous flux per meter	3600 lm/m		
Efficiency	101 lm/W		
Energy efficiency class	A++		
Number of LEDs per cut	6		
Length cut	45 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.