

LEDlight flex 14 8p 48V

- sehr hohe Effizienz, bis zu 142 lm/W bei 5.700 K
- nur ein Bin je Lichtfarbe nach 3-Step-MacAdam
- werkzeugloser Anschluss mit Steckverbinder möglich
- 48 V DC-Technologie für große Einspeiselängen >10 m
- ideal für effiziente, indirekte Beleuchtung geeignet
- Mid Power LED-Chips der neuesten Generation sorgen für eine optimale Performance und Wärmeableitung
- mit Verpolungsschutzdiode
- lange Lebensdauer durch Stromkonstanter mit Temperaturkontrolle, hohen Kupferanteil im FPC und wärmeleitendes 3M-Doppelklebeband
- Lebensdauerabschätzung L70 bei Tc < 80 °C: > 60.300 h



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

LED REEL



LIGHT DATA

| | 50409729 | 50409725 | 50409728 | 50409733 | 50409727 | 50409734 | 50409715 |
|------------------------------|------------------|-----------|------------|-----------|-----------|------------|-----------|
| Typ. color temperature | 2200 K | 2500 K | 2700 K | 3000 K | 3500 K | 4000 K | 5700 K |
| Light color | super warm white | | warm white | white | | cold white | daylight |
| Typ. luminous flux per meter | 1560 lm/m | 1730 lm/m | 2040 lm/m | 2100 lm/m | 2110 lm/m | | 2200 lm/m |
| Efficiency | 100 lm/W | 111 lm/W | 131 lm/W | 135 lm/W | 136 lm/W | | 142 lm/W |
| Energy efficiency class | A+ | | A++ | | | | |
| Typ. color rendering index | 84 | | | | | | |
| LED beam angle | 120 ° | | | | | | |
| Lifetime L80 | >60.000 h | | | | | | |

POWER DATA

| | 50409729 | 50409725 | 50409728 | 50409733 | 50409727 | 50409734 | 50409715 |
|------------------------|----------|----------|----------|----------|----------|----------|----------|
| Operating voltage | 48 V DC | | | | | | |
| Typ. operating current | 1,95 A | | | | | | |
| Typ. power | 93,6 W | | | | | | |
| Luminous flux | 9366 lm | 10374 lm | 12222 lm | 12600 lm | 12684 lm | | 13230 lm |
| Power per meter | 15,6 W/m | | | | | | |

Maximum values at Ta=25°C

FURTHER DATA

| | 50409729 | 50409725 | 50409728 | 50409733 | 50409727 | 50409734 | 50409715 |
|---------------------|-----------------|----------|----------|----------|----------|----------|----------|
| Number of cuts | 30 | | | | | | |
| Number of LEDs | 420 | | | | | | |
| Max. temperature Tc | 80 ° C | | | | | | |
| Storage temperature | -30° C ~ +80° C | | | | | | |
| Length stripe | 6000 mm | | | | | | |
| Width stripe | 8 mm | | | | | | |
| Height stripe | 2,5 mm | | | | | | |

CUT

| | 50009729 | 50009725 | 50009728 | 50009733 | 50009727 | 50009734 | 50009715 |
|------------------------------|------------------|-----------|------------|-----------|-----------|------------|-----------|
| Typ. color temperature | 2200 K | 2500 K | 2700 K | 3000 K | 3500 K | 4000 K | 5700 K |
| Light color | super warm white | | warm white | white | | cold white | daylight |
| Operating voltage | 48 V DC | | | | | | |
| Typ. operating current | 65 mA | | | | | | |
| Typ. power | 3,1 W | | | | | | |
| Typ. luminous flux per meter | 1560 lm/m | 1730 lm/m | 2040 lm/m | 2100 lm/m | 2110 lm/m | | 2200 lm/m |
| Efficiency | 100 lm/W | 111 lm/W | 131 lm/W | 135 lm/W | 136 lm/W | | 142 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.