

LEDlight rigid 15 10f

- easy connection with plug connector – no soldering required
- latest LED generation (3014) with a very flat build height
- available in six different, homogeneous white tones and four fixed colours
- binning in 2 step MacAdam per board
- estimated lifetime L70 at Tc<65°C: >60,300h



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

LIGHT DATA

	50450511	50450513	50450514	50450522	50450529	50450528	50450533	50450527	50450534	50450515
Typ. color temperature					2300 K	2700 K	3000 K	3500 K	4000 K	5500 K
Typ. wavelength	625 nm	525 nm	470 nm	593 nm						
Light color	red	green	blue	amber	super warm white	warm white	white		cold white	daylight
Typ. luminous flux per meter	200 lm/m	393 lm/m	87 lm/m	213 lm/m	561 lm/m					
Efficiency	36 lm/W	71 lm/W	16 lm/W	38 lm/W	101 lm/W					
Energy efficiency class	A	A+	B	A	A++					
Typ. color rendering index					83					
LED beam angle	120 °									
Lifetime L70	>60.300 h									

POWER DATA

	50450511	50450513	50450514	50450522	50450529	50450528	50450533	50450527	50450534	50450515
Operating voltage	24 V DC									
Typ. operating current	104 mA									
Typ. power	2,5 W									
Power per meter	5,5 W/m									
Protection against electrostatic discharge	2000 V									
Lifetime L70	>60.300 h									

FURTHER DATA

	50450511	50450513	50450514	50450522	50450529	50450528	50450533	50450527	50450534	50450515
Number of cuts	5									
Length smallest unit/cut	90 mm									
Number of LEDs per unit/cut	6									
Max. temperature Tc	65 °C									
Length stripe	450 mm									
Width stripe	10 mm									
Height stripe	2,5 mm									

Maximum values at Ta=25°C