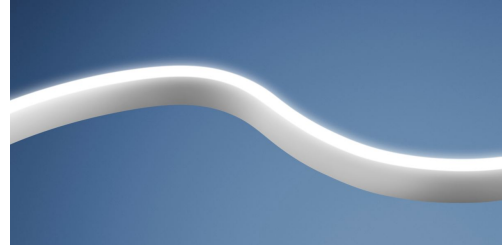


AQUALUC C:URVE mini

Length 758cm / individual lengths on request

- fully encapsulated flexible LED light line with thermal conductive polyurethane-ceramic compound and IP 67/68* protection
- only one bin per colour according to 3 step MacAdam
- resistant to water, UV radiation, abrasion and chemicals
- small bending radius of only 5 cm (only one axis)
- small, slender and extremely bright: this persuasive combination provides whole new individual application possibilities
- uniform, absolute homogeneous illumination over the entire light emitting surface in curve form (i.e. with upward light emittance the C:URVE mini can be horizontally bent left and right in a curve)
- clear lines and light-emitting surface enables a flush installation in ceilings, walls and furniture
- connection via 3 m cable with free wire ends or 0,35 m cable with M8x1 connector (VIA PowerNet)
- estimated lifetime L70 at Ta < 45 °C: > 60,000 h



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



LIGHT DATA

	40501715	40501728	40501729	40501733	40511715	40511728	40511729	40511733
Typ. color temperature	5700 K	3000 K	2700 K	4000 K	5700 K	3000 K	2700 K	4000 K
Light color	daylight	white	warm white	cold white	daylight	white	warm white	cold white
Typ. luminous flux per meter	347 lm/m	323 lm/m	296 lm/m	352 lm/m	347 lm/m	323 lm/m	296 lm/m	352 lm/m
Total luminous flux	2630 lm	2448 lm	2244 lm	2668 lm	2630 lm	2448 lm	2244 lm	2668 lm
Efficiency	43 lm/W	40 lm/W	37 lm/W	44 lm/W	43 lm/W	40 lm/W	37 lm/W	44 lm/W
Energy efficiency class	B							
Typ. color rendering index	85							
Total number of LEDs	882							
Beam angle	120 °							

POWER DATA

	40501715	40501728	40501729	40501733	40511715	40511728	40511729	40511733
Operating voltage	24 V DC							
Typ. operating current	2,52 A							
Typ. power	60,5 W							
Power per meter	8 W/m							
Protection class	3							
Max. operable length	7581 mm							

FURTHER DATA

	40501715	40501728	40501729	40501733	40511715	40511728	40511729	40511733
Length	7581 mm							
Width	6 mm							
Height	13,5 mm							
Type of protection	IP 67;IP 68							
Max. temperature Tc	52 ° C							
Connector cable	3m cable with free wire ends				0,35m cable with M8 connector			

Note: due to manufacturing tolerances width W can be between 6.0 and 6.5mm !

ACCESSORIES

	30033009	40100112	40500043	40500044	40500045	63500030
Description	heat resistant double-sided tape, with excellent adhesive properties, 33 m x 9 mm, for 10mm tile	dismounting tool, minimizes the mechanical stress on the product when removing	AQUALUC C:URVE mini aluminium mounting profile, 1 m	AQUALUC C:URVE mini aluminium mounting profile, 2 m	AQUALUC C:URVE mini bracket set, 10 pieces stainless steel V2A, 10 screws, 10 dowels	construction one component glue, firm-elastic, white, cartridge 290ml
Material		Plastics	Aluminium		316L stainless steel	
Length	33000 mm	210 mm	1000 mm	2000 mm		
Width	9 mm	0,6 mm	9,7 mm			
Height	0,4 mm	62 mm	12,7 mm			



	66313203	66313230
Description	M8 connection cable, 316L stainless steel, 2 pole, screwable, molded on cable with cross section 2x 0.5 mm ² , 35 cm cable length	M8 connection cable, 316L stainless steel, 2 pole, screwable, molded on cable with cross section 2x 0.5 mm ² , 300 cm cable length
Indoor/Outdoor	Outdoor	
Cable sheath material	PUR	
Halogen-free	Yes	
Color of cable	weiß	
Wire cross-section	0,5mm ²	
Length	350 mm	3000 mm



*The product has been tested for a maximum of 5 days in continuous underwater use. For longer periods of underwater use we recommend our AQUALUC S:OLID underwater light line. Further information can be found at www.barthelme.de.

Chlorine test: The tests were performed at high temperature (50°C) and high concentration of chlorine (2%). In normal swimming pool the max. concentration is 0,5-1mg/l which corresponds to a 0.0001% chlorine concentration. The test was therefore carried out with a 20.000 times higher concentration than it's usual in swimming pools. Test conditions: 2% chlorine concentration in water at 50°C, duration: 60 hours. Result: No change.