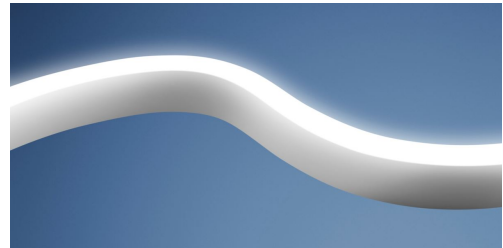


# AQUALUC C:URVE Standard

Length 758cm / individual lengths on request

- fully encapsulated flexible LED light line with thermal conductive polyurethane-ceramic compound and IP 67\* protection
- only one bin per colour according to 3 step MacAdam
- resistant to water, UV radiation, abrasion and chemicals
- small bending radius of only 15 cm (only one axis)
- 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
- specially designed in-feed system: cable feed from below/side which enables a shadow-free alignment of numerous modules for a homogeneous light line with uninterrupted illumination
- safe and straightforward connection with M8x1 connector, 316L stainless steel, with 35 cm cable
- 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

	40502029	40502028	40502033	40502034
Typ. color temperature	2700 K	3000 K	4000 K	6200 K
Light color	warm white	white	cold white	daylight
Typ. luminous flux per meter	286 lm/m	287 lm/m	323 lm/m	318 lm/m
Total luminous flux	2168 lm	2175 lm	2448 lm	2410 lm
Efficiency	53 lm/W	54 lm/W	60 lm/W	
Energy efficiency class	B			
Typ. color rendering index	85			
Total number of LEDs	588			
Beam angle	120 °			
	40502529	40502528	40502533	40502534
Typ. color temperature	2700 K	3000 K	4000 K	6200 K
Light color	warm white	white	cold white	daylight
Typ. luminous flux per meter	286 lm/m	287 lm/m	323 lm/m	318 lm/m
Total luminous flux	1087 lm	1091 lm	1227 lm	1208 lm
Efficiency	53 lm/W	54 lm/W	60 lm/W	
Energy efficiency class	B			
Typ. color rendering index	85			
Total number of LEDs	294			
Beam angle	120 °			

Maximum values at Ta=25°C

## POWER DATA

	40502028	40502029	40502033	40502034
Operating voltage	24 V DC			
Typ. operating current	1,68 A			
Typ. power	40,3 W			
Power per meter	5 W/m			
	40502528	40502529	40502533	40502534
Operating voltage	24 V DC			
Typ. operating current	840 mA			
Typ. power	20,2 W			
Power per meter	5 W/m			

## FURTHER DATA

	40502028	40502029	40502033	40502034
Length	7581 mm			
Width	10 mm			
Height	18,5 mm			
Bending radius	150			
Type of protection	IP 67			
Max. temperature Tc	56 °C			
Connector cable	0,35m cable with M8 connector			
	40502528	40502529	40502533	40502534
Length	3801 mm			
Width	10 mm			
Height	18,5 mm			
Bending radius	150			
Type of protection	IP 67			
Max. temperature Tc	56 °C			
Connector cable	0,35m cable with M8 connector			

Note: due to manufacturing tolerances width W can be between 10.0 and 11.0mm !

## ACCESSORIES

	30033019	40100111	40500033	40500034	40500071	40500072
Description	heat resistant double-sided tape, with excellent adhesive properties	dismounting tool, minimizes the mechanical stress on the product when removing	AQUALUC C:URVE (10 x 18,5 mm) aluminium mounting profile, anodised		AQUALUC C:URVE (10 x 18.5 mm) mounting profile, PC plastic, UV resistant	
Material	Acryl	Poly lactide PLA	Aluminium 6063		Plastics	
Length	33000 mm	210 mm	1000 mm	2000 mm	1000 mm	2000 mm
Width	9 mm	8 mm	15,3 mm			
Height	0,4 mm	62 mm	16,3 mm			
Remarks	33 m x 9 mm					
	40500035		40500036		63500033	
Description	AQUALUC C:URVE (10 x 18,5 mm) aluminium bracket set, 10 pieces 5 cm, 10 screws, 10 dowels		AQUALUC C:URVE (10 x 18,5 mm) bracket set, 10 pieces stainless steel 316L, 10 screws, 10 dowels		Silicone adhesive and sealant, one-component, transparent, cartridge 290 ml	
Material	Aluminium 6063		316L stainless steel			
Length	50 mm		20 mm			
Width	15,3 mm		11,5 mm			
Height	16,3 mm		16,5 mm			
Remarks	Diameter hole: 2.9 mm		Diameter hole: 6 mm		not suitable for PC-plastic profiles	



	66313203	66313230
<b>Description</b>	M8 connector, stainless steel, 2-pole, screwable, moulded on cable with cross section 2x 0.5 mm <sup>2</sup>	
<b>Indoor/Outdoor</b>	Outdoor	
<b>Cable sheath material</b>	PUR	
<b>Halogen-free</b>	Yes	
<b>Color of cable</b>	white	
<b>Wire cross-section</b>	2x 0,5 mm <sup>2</sup>	
<b>Length</b>	350 mm	3000 mm



\*Das Produkt wurde für einen Betrieb von maximal 5 Tagen im kontinuierlichen Unterwassereinsatz getestet. Für längere Zeiträume im Unterwassereinsatz empfehlen wir unsere AQUALUC S:OLID Unterwasser-Lichtlinie. Nähere Informationen auf [www.barthelme.de](http://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 duration: 60 hours. Result: No change to the product .