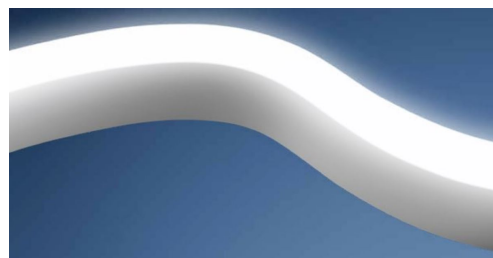


AQUALUC C:URVE WIDE

Length 398cm / available in individual lengths and dual-sided feed-in on request

- fully encapsulated flexible LED light line with thermal conductive polyurethane-ceramic compound and IP 67* protection
- only one bin per light color according to 3 step MacAdam
- resistant to water, UV radiation, abrasion and chemicals
- small bending radius of 20 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 can be horizontally bent left and right in a curve)
- 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
- installations on all axes are possible in combination with our AQUALUC W:AVE
- inserted LED strip: LEDlight flex 12 8p High Efficiency Plus
- estimated lifetime L80 at Ta < 40 °C: > 60.000 h



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



LIGHT DATA

	40502728	40502727	40502726	40502716
Typ. color temperature	2800 K	3200 K	4200 K	6500 K
Light color	warm white	white	cold white	daylight
Typ. luminous flux per meter	1178 lm/m	1200 lm/m	1341 lm/m	1290 lm/m
Total luminous flux	4665 lm	4752 lm	5310 lm	5108 lm
Efficiency	68 lm/W	69 lm/W	78 lm/W	75 lm/W
Energy efficiency class	A			
Typ. color rendering index	85			
Total number of LEDs	308			
Beam angle	120 °			

Maximum values at Ta=25°C

POWER DATA

	40502716	40502726	40502727	40502728
Operating voltage	24 V DC			
Typ. operating current	2,9 A			
Typ. power	68,6 W			
Power per meter	17,3 W/m			

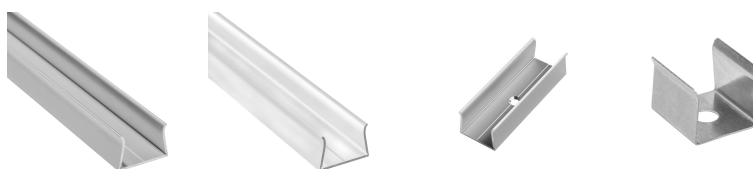
FURTHER DATA

	40502716	40502726	40502727	40502728
Length	3980 mm			
Width	17,5 mm			
Height	17,5 mm			
Bending radius	200			
Type of protection	IP 67			
Max. Umgebungstemperatur	40 ° C			
Max. temperature Tc	62 ° C			
Connector cable	0,35m cable with M8 connector			

Note: due to manufacturing tolerances width W can vary between 17.5 mm and 18.5 mm!

ACCESSORIES

	40500023	40500024	40500025
Description	AQUALUC W:AVE (17,5 x 17,5 mm) aluminium mounting profile, anodised	AQUALUC W:AVE (17,5 x 17,5 mm) aluminium mounting profile 2.0, anodised	AQUALUC W:AVE (17,5 x 17,5 mm) aluminium bracket set, 10 pieces 5 cm, 10 screws, 10 dowels
Material	Aluminium 6063		Aluminium
Length	1000 mm	2000 mm	50 mm
Width	22,8 mm		
Height	15 mm		
Remarks	Also suitable for AQUALUC C:URVE WIDE. The AQUALUC must not be mounted over joints. It is therefore recommended that when using the mounting profiles AQUALUC length in cm < holding profile length in one piece.		also for AQUALUC C:URVE WIDE, hole diameter 2.9 mm
	40500026	40500061	40500062
Description	AQUALUC W:AVE (17,5 x 17,5 mm) bracket set, 10 pieces stainless steel 316L, 10 screws, 10 dowels	AQUALUC W:AVE (17.5 x 17.5 mm) mounting profile, PC plastic, UV resistant	
Material	316L stainless steel	PC	
Length	20 mm	1000 mm	2000 mm
Width	19,5 mm	22,8 mm	
Height	15,5 mm	15 mm	
Remarks	also for AQUALUC C:URVE WIDE, hole diameter 6 mm	also suitable for AQUALUC C:URVE WIDE	



	30033019	40100111	63500033
Description	heat resistant double-sided tape, with excellent adhesive properties	dismounting tool, minimizes the mechanical stress on the product when removing	Silicone adhesive and sealant, one-component, transparent, cartridge 290 ml
Material	Acryl	Poly lactide PLA	
Length	33000 mm	210 mm	
Width	9 mm	8 mm	
Height	0,4 mm	62 mm	
Remarks	33 m x 9 mm		not suitable for PC-plastic profiles



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

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 .