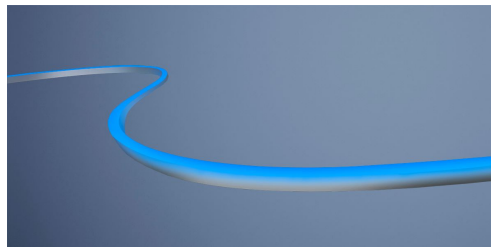


AQUALUC C:URVE RGB

Length 398cm / individual lengths on request

- fully encapsulated flexible LED light line with thermal conductive polyurethane-ceramic compound and IP 67* protection
- resistant to water, UV radiation, abrasion and chemicals
- rich colour tones for impressive accent lighting
- small bending radius of only 15 cm (only one axis)
- current limiter and high amount of copper in FPC enable a long lifetime
- Life time estimate L70 at Ta < 35 °C: > 30.000 h



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



LIGHT DATA

	40501331
Light color	RGB
Typ. luminous flux per meter	199 lm/m
Efficiency	12 lm/W
Energy efficiency class	E
Typ. color rendering index	85
Total number of LEDs	264
Beam angle	120 °

POWER DATA

	40501331
Operating voltage	24 V DC
Typ. operating current	2,75 A
Typ. power	66 W
Power per meter	17 W/m

Maximum values at Ta=25°C

FURTHER DATA

	40501331
Length	3981 mm
Width	10 mm
Height	18,5 mm
Bending radius	150
Type of protection	IP 67
Max. temperature Tc	67 ° 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	Polylactide 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
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 .