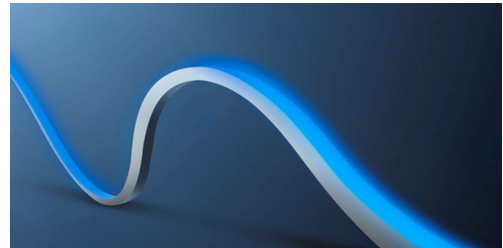


# AQUALUC W:AVE RGB

Length 398cm / individual lengths on request

- small bending radius of only 20 cm (only one axis)
- fully encapsulated flexible LED light line with thermal conductive polyurethane-ceramic compound and IP 67\* protection
- rich color tones for impressive accent lighting
- resistant to water, UV radiation, abrasion and chemicals
- very bright and absolutely homogeneous illumination over the entire light-emitting surface in wave form (i.e. with upward light emittance the W:AVE can be vertically bent up and down in wave form)
- clear lines and light-emitting surface enables a flush ins-tallation 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



Das Produkt ist für die Montage auf dem Boden, an der Wand oder an der Decke im In- und Outdoorbereich geeignet. Das AQUALUC muss auf einem sauberen, stabilen, ebenen und kippfesten Untergrund montiert werden. **Bitte beachten Sie die Montage- und Sicherheitshinweise unter <https://www.barthelme.de/content/de/manuals.aspx>!**



## LIGHT DATA

	40504331
Light color	RGB
Typ. luminous flux per meter	299 lm/m
Efficiency	18 lm/W
Energy efficiency class	C
Typ. color rendering index	85
Total number of LEDs	264
Beam angle	120 °

## POWER DATA

	40504331
Operating voltage	24 V DC
Typ. operating current	2,75 A
Typ. power	66 W
Power per meter	17 W/m

## FURTHER DATA

	<b>40504331</b>
<b>Length</b>	3982 mm
<b>Width</b>	17,5 mm
<b>Height</b>	17,5 mm
<b>Type of protection</b>	IP 67
<b>Max. Umgebungstemperatur</b>	40 ° C
<b>Max. temperature Tc</b>	62 ° C
<b>Connector cable</b>	0,35m cable with M8 connector
<b>Lifetime L70 @Ta &lt;45°C</b>	>30000 h

Hinweis: Das AQUALUC W:AVE darf nicht so verbaut werden, dass der angegebene Tc-Wert überschritten wird, sonst könnte das Produkt durch einen möglichen Wärmestau beschädigt werden. In diesem Fall können keine Gewährleistungsansprüche geltend gemacht werden.

## ACCESSORIES

	<b>40500023</b>	<b>40500024</b>	<b>40500025</b>	<b>40500026</b>	<b>40500061</b>	<b>40500062</b>
<b>Description</b>	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	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	
<b>Material</b>	Aluminium 6063		Aluminium	316L stainless steel	PC	
<b>Length</b>	1000 mm	2000 mm	50 mm	20 mm	1000 mm	2000 mm
<b>Width</b>	22,8 mm			19,5 mm	22,8 mm	
<b>Height</b>	15 mm			15,5 mm	15 mm	
<b>Remarks</b>	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	also for AQUALUC C:URVE WIDE, hole diameter 6 mm	also suitable for AQUALUC C:URVE WIDE	
	<b>30033019</b>		<b>40100111</b>		<b>63500033</b>	
<b>Description</b>	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	
<b>Material</b>	Acryl		Polylactide PLA			
<b>Length</b>	33000 mm		210 mm			
<b>Width</b>	9 mm		8 mm			
<b>Height</b>	0,4 mm		62 mm			
<b>Remarks</b>	33 m x 9 mm				not suitable for PC-plastic profiles	



	<b>66313203</b>	<b>66313230</b>
<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 .