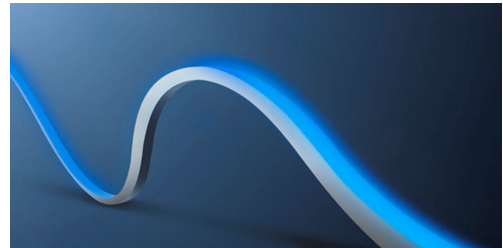


AQUALUC W:AVE RGBW

Length 422 cm / 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)
- 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)
- 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
- Life time estimate L70 at Ta < 35 °C: > 30.000 h
- inserted LED strip: LEDlight flex 12 10 RGBW



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



LIGHT DATA

	40504336
Typ. color temperature	3100 K
Light color	RGB:white
Typ. luminous flux per meter	493 lm/m
Efficiency	35,9 lm/W
Energy efficiency class	B
Typ. color rendering index	85
Total number of LEDs	1436
Beam angle	120 °

POWER DATA

	40504336
Operating voltage	24 V DC
Typ. operating current	2,4 A
Typ. power	57,6 W
Power per meter	14 W/m

Maximum values at Ta=25°C

FURTHER DATA

	40504336
Length	4220 mm
Width	17,5 mm
Height	17,5 mm
Bending radius	200
Type of protection	IP 67
Max. Umgebungstemperatur	35 ° C
Max. temperature Tc	66 ° C
Connector cable	3m cable with free wire ends

ACCESSORIES

	40500023	40500024	40500025	40500026	40500061	40500062
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	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	Aluminium 6063		Aluminium	316L stainless steel	PC	
Length	1000 mm	2000 mm	50 mm	20 mm	1000 mm	2000 mm
Width	22,8 mm			19,5 mm	22,8 mm	
Height	15 mm			15,5 mm	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	also for AQUALUC C:URVE WIDE, hole diameter 6 mm	also suitable for AQUALUC C:URVE WIDE	
Description	30033019 heat resistant double-sided tape, with excellent adhesive properties		40100111 dismounting tool, minimizes the mechanical stress on the product when removing		63500033 Silicone adhesive and sealant, one-component, transparent, cartridge 290 ml	
Material	Acryl		Polylactide 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 .