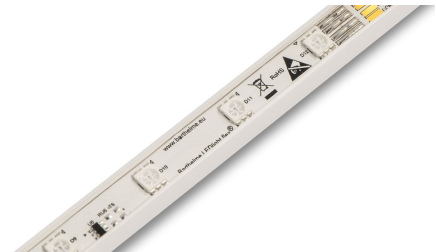


AQUALUC mini RGB

Length 602cm / individual lengths on request

- fully encapsulated flexible LED light line with thermal conductive polyurethane-ceramic compound and IP 67/68* protection
- resistant to water, UV radiation, abrasion and chemicals
- rich colour tones for impressive accent lighting
- small bending radius of only 5 cm (only one axis)
- current limiter and high amount of copper in FPC enable a long lifetime



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



LIGHT DATA

	40042431	40142431
Grouting		clear
Light color		RGB
Typ. luminous flux per meter		324 lm/m
Efficiency		33 lm/W
Energy efficiency class		B
Total number of LEDs		240
Beam angle		120 °

POWER DATA

	40042431	40142431
Operating voltage		24 V DC
Typ. operating current		2,5 A
Typ. power		60 W
Power per meter		10 W/m
Protection class		3
Max. operable length		7020 mm

FURTHER DATA

	40042431	40142431
Length		6021 mm
Width		10,5 mm
Height		5 mm
Type of protection		IP 67;IP 68
Max. temperature Tc		56 ° C
Connector cable	3m cable with free wire ends	0,35m cable with M8 connector

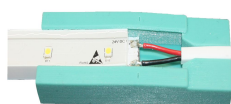
Maximum values at Ta=25°C

ACCESSORIES

	30033009	40100107	40100108	40100112	63500030
Description	heat resistant double-sided tape, with excellent adhesive properties, 33 m x 9 mm, for 10mm tile	AQUALUC mini polycarbonate plastic support profile with adhesive tape, UV resistant, 1 m	AQUALUC mini polycarbonate plastic support profile with adhesive tape, UV resistant, 2 m	dismounting tool, minimizes the mechanical stress on the product when removing	construction one component glue, firm-elastic, white, cartridge 290ml
Material		Plastics			
Length	33000 mm	1000 mm	2000 mm	210 mm	
Width	9 mm	13 mm		0,6 mm	
Height	0,4 mm	9,9 mm		62 mm	
Fire protection class		B2 (DIN 4102)			
Ambient temperature		-40 ~ +130 ° C			
Remarks		Material: Polycarbonat			



	40100201	40100310	40100311	40100320	40100330
Description	2k syringe with PU, 2x25ml, safety gloves, 3x static mixer	AQUALUC mini in-feed set (2 pole), to add in-feed cable after cutting the AQUALUC. Content: syringe with PU, mixing nozzle attachment, protective gloves, 3 m AQUALUC flat ribbon cable*	AQUALUC mini in-feed set (4 pole), to add in-feed cable after cutting the AQUALUC. Content: syringe with PU, mixing nozzle attachment, protective gloves, 3 m AQUALUC flat ribbon cable*	AQUALUC mini extension set, for connecting two AQUALUC mini. Content: moulding form, syringe with PU, mixing nozzle attachment, protective gloves, 3 m AQUALUC flat ribbon cable*	AQUALUC mini end section set, for seamless encapsulation. Content: moulding form, syringe with PU, mixing nozzle attachment, protective gloves*



	66313203	66313230
Description	M8 connection cable, 316L stainless steel, 2 pole, screwable, molded on cable with cross section 2x 0.5 mm ² , 35 cm cable length	M8 connection cable, 316L stainless steel, 2 pole, screwable, molded on cable with cross section 2x 0.5 mm ² , 300 cm cable length
Indoor/Outdoor		Outdoor
Cable sheath material		PUR
Halogen-free		Yes
Color of cable		weiß
Wire cross-section		0,5mm ²
Length	350 mm	3000 mm



*The product has been tested for a maximum of 5 days in continuous underwater use. For longer periods of underwater use we recommend our AQUALUC S:OLID underwater light line. Further information can be found at 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 conditions: 2% chlorine concentration in water at 50°C, duration: 60 hours. Result: No change.