

FLEXLUC Topview 11

- fully encapsulated, flexible LED light line with IP 67 protection for straightforward applications
- available in 5 m reels incl. 25 cm connection cable with JWP plug
- flexible and comfortable length adjustment possible directly at the installation site (pitch 100 mm)
- compact dimensions of only 11 x 5 mm
- constant current and high copper content in FPC ensure long lifetime
- good color rendering: typ. CRI Ra > 90
- clear encapsulation for low brightness loss
- small bending radius of only 50 mm (only one axis)



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

PHOTOMETRIC DATA



	20200027	20200040
Encapsulation	Full encapsulation clear soft	
Typ. color temperature	2900 K	4300 K
Light color	warm white	neutral white
Typ. total luminous flux per metre	1190 lm/m	1280 lm/m
Efficiency	74 lm/W	80 lm/W
Typ. color rendering index	90	
Total number of LEDs	300	
Beam angle	120 °	
Dimming	dimmable	
L70 bei Ta < 40°C	>60000 h	

PHOTOMETRIC DATA TOLERANCES IN THE AQUALUC FAMILY: The stated photometric data of the AQUALUC products are typical values which in practice are influenced by the binning of the LED's as well as the individual production steps in the encapsulation process. Factors such as layer thickness, type of encapsulation and the light color of the uncoated LED's have an influence on the resulting color temperature of the finished AQUALUC product. As each of these factors are subject to process and production related tolerances the resulting photometric data of the AQUALUC products can deviate from the stated typical values.

ELECTRICAL DATA

	20200027	20200040
Operating voltage	24 V DC	
Power per meter	16 W/m	

MECHANICAL DATA

	20200027	20200040
Length	5000 mm	
Width	11 mm	
Height	5 mm	
Bending radius	50 mm	
Type of protection	IP 67	

Aqualuc products have a length tolerance +/- 5 mm at < 1 m and +/- 0.2 % at > 1 m

GENERAL DATA

	20200027	20200040
Ambient temperature Ta		40 ° C
Max. temperature Tc		80 ° C
Max. operable length		5000 mm
Max. buildable length with 1 m cable		5000 mm

ACCESSORIES

	20200001	30033015	30033019	63500024	63500033
Description	Sealing cap set, 4 sealing caps and a tube of silicone adhesive	Heat-resistant double-sided tape, 33 m x 5 mm	Heat-resistant double-sided tape, 33 m x 9 mm	Technical Vaseline, tube 80g	Silicone adhesive and sealant, one-component, transparent, cartridge 290 ml

NOTES

During the production of encapsulated luminaires, air bubbles may be enclosed in the material. These bubbles are production-related and do not constitute a defect. If the bubbles are within the beam path of an LED, this can constitute a defect.

The AQUALUC encapsulation materials have successfully passed various test series in which resistance to salt, water, UV radiation, abrasion, dust and chemicals were tested. Each AQUALUC light line is ideally suited for indoor and outdoor illumination. For example on facades and bridges, in wellness oases and swimming pools, from maritime areas to industrial applications and vehicle technology - AQUALUC is already being used successfully everywhere. Despite the use of high quality materials and a robust design, there are chemical-related limitations in the areas of application. Please refer to the following link:

<https://www.barthelme.de/shared/download/katalog/AQUALUC-Chemische-Mittel-Chemical-Agents.pdf>

The guarantee period for the product is 5 years and begins on the day of shipment. Reference is the date of the delivery bill. The guarantee period may differ for accessories.