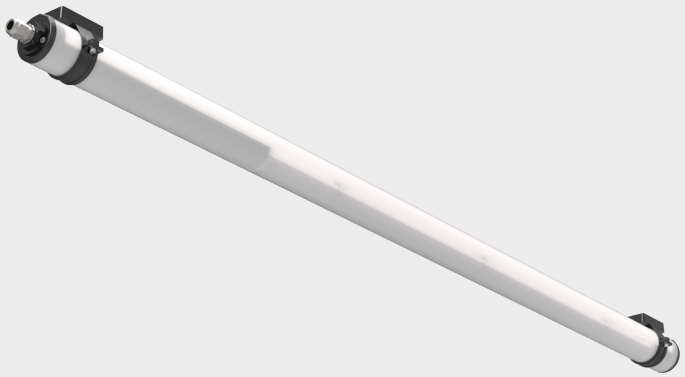
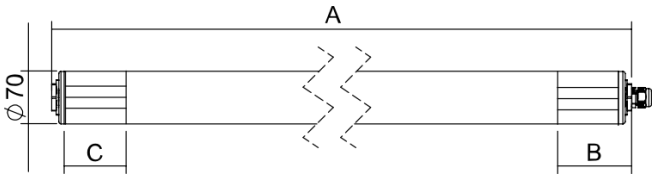
AQUA-70-EX1/21-I-L17-840-8000-0ND-24-PG-1F

Product type: V0141I82080-840AA1PG060024S
Item number: 80506

IP66/IP68 **1/21**



A rugged tubular light fixture designed for use in potentially explosive atmospheres in ATEX Zones 1/21. The housing is made of highly durable polycarbonate tubing. The luminaire's end caps are made of a special glass-fiber-reinforced plastic and, together with a silicone gasket, ensure high resistance to water spray and dust (IP66), as well as resistance to submersion (IP68) up to 15 m and high impact resistance (IK10. Equipped with certified electronic components—the encapsulated LED module and driver ensure high efficiency and a service life of up to 85,000 hours for the LED modules, even at high temperatures. Suitable for ambient temperatures ranging from -20 °C to +55 °C (depending on the luminaire variant). The luminaire is mounted on a ceiling or wall using plastic or stainless steel brackets.



Dimensions

A x B x C	1709 mm x 70 mm x 70 mm

Specifications

Light technical data

Lighting fixture luminous flux	5985 lm +/-10%	**Luminaire efficiency**	120 lm/W
CRI	≥80	**Lifetime L80B50@max°C**	76000
Lifetime L90B50@25°C	85000	**Colour temperature**	4000 K

Electrical data

Power input	50 W	**Rated voltage AC**	220-254 V
Frequency	50/60 Hz	**Rated voltage DC**	220-250 V
Control method	ON/OFF luminaire	**Through-wiring**	3×1.5 mm2
Insulation class	I	**Number of luminaires per circuit breaker B10A**	15
Number of luminaires per circuit breaker B16A	23	**Number of luminaires per circuit breaker C10A**	24
Number of luminaires per circuit breaker C16A	40		

Mechanical data

IP classification	IP66/IP68	**Warranty**	5 years
Operating temperature	-20°C≤ta≤50°C		

Certification

ATEX	FTZU 17 ATEX 0052X

Explosion protection ATEX

Ex ZONE	1/21	**ATEX zone – gas**	II 2G Ex eb db mb IIC T4 Gb
ATEX zone – dust	II 2D Ex tb IIIC T85°C Db		

Materials

Material of the body	PC (polycarbonate) end caps	**Body colour**	RAL 7031 grey
Cover material	PC (polycarbonate) clear		

Packaging

Barcode (EAN)	8592040612548	**Number of pieces per pallet**	42 pcs

Accessories to order

AQUA-70 Cable Hanger Set, AISI 304 (2 pcs)

Item number: **3578**
Product type: **051134**



Plastic gland Ex M20x1,5

Item number: **60843**
Product type: **051240**



Plastic stopper plug Ex M20x1,5

Item number: **60844**
Product type: **051241**



AQUA-70 Stainless Steel Mounting Bracket Set, Complete (2 pcs)

Item number: **75079**
Product type: **053631**



AQUA-70 Stainless Steel Mounting Bracket Set, Complete (2 pcs)

Item number: **75080**
Product type: **053632**



AQUA-70 Mounting Bracket Set, Complete, Dark (2 pcs)

Item number: **75081**
Product type: **053633**



AQUA-70 Mounting Bracket Set, Complete, Light-Colored (2 pcs)

Item number: **75082**
Product type: **053634**

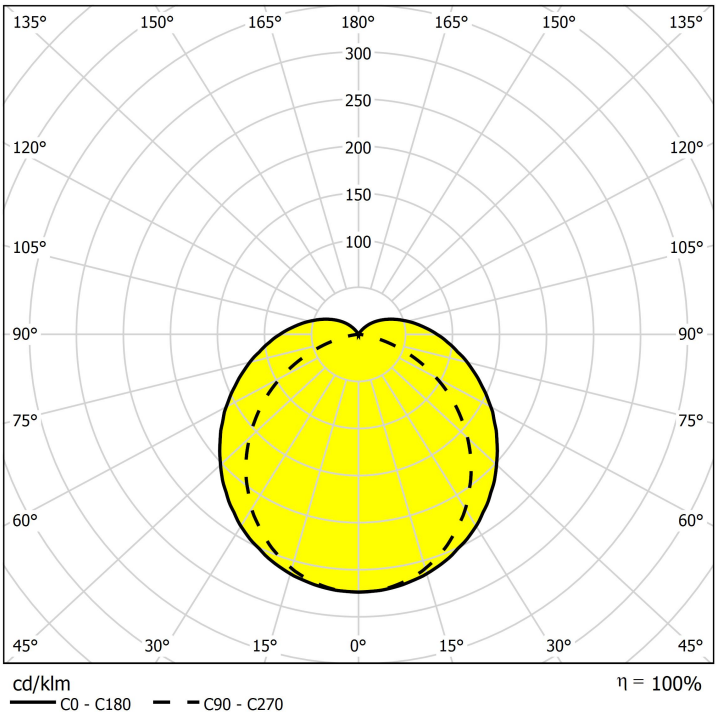


AQUA-70 Stainless Steel Mounting Bracket Set, Complete (2 pcs), for direct mounting to a surface

Item number: **80596**
Product type: **053636**



Polar diagram



© 2026 All rights reserved. VYRTYCH a.s. does not warrant the accuracy or completeness of the information provided herein and is not responsible for any events that may occur as a result of unqualified reliance on this information. The information contained herein does not constitute a commercial offer and does not form part of a quotation or contract, unless confirmed by VYRTYCH a.s..