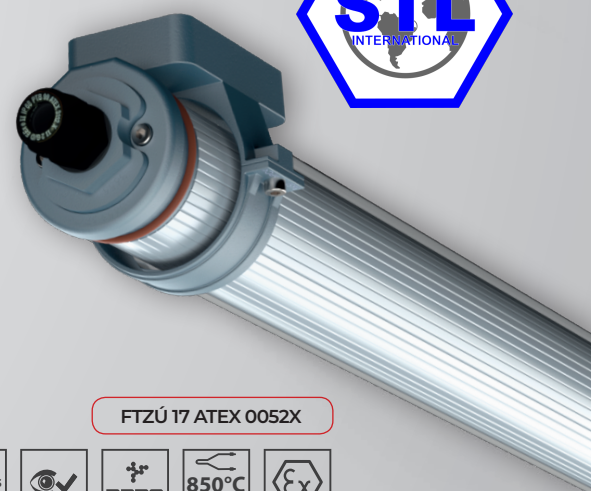




AQUA-70-Ex-LED

IP 66 / IP 68 / zone 1, 21

5 year warranty



FTZÚ 17 ATEX 0052X



Application: Dustproof and waterproof LED luminaire series AQUA-Ex-LED with resistance against of splashing water is designed for lighting areas with danger of explosion. Luminaire is certified by FTZÚ Ostrava-Radvanice (certificate FTZU 17 ATE X 0052X).

Ballast: Electronic 110-254 V, 50-60 Hz AC, 220-250 V, 0 Hz DC

Light source: LED, 4000K, CRI +80

Body: Plastic tube with outer diameter of 70 mm and wall thickness of 4 mm made from **PC** – IK10 (polycarbonate), transparent colour

Fastening: Fastening on ceiling or wall with mounting brackets, suspension by means of self-locking suspenders or with suspension brackets

Connection: Screwless three-pole terminal block, max. cross section of wires 4,0 mm²

Standard equipment: 1pc Ex plastic cable gland M20x1,5 for diameter of cable 7-13mm, 1pc Ex plastic sealing plug

Calculated lifetime – LED modules:

L80B50 ta50 – 45 000h

AQUA-70-Ex-LED-D

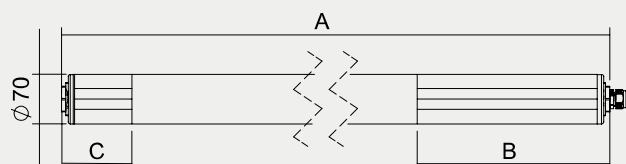
⊕ II 2G Ex db eb mb op is IIC T4 Gb

⊕ II 2D Ex tb op is IIIC T62°C Db

AQUA-70-Ex-LED-WOD

⊕ II 2G Ex eb mb op is IIC T4 Gb

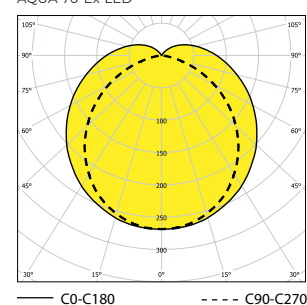
⊕ II 2D Ex tb op is IIIC T62°C Db



Standard order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	System efficiency (lm/W)	Ta max (°C)	Lighting fixture dimensions A x B x C (mm)	Weight (kg)
084200	AQUA-70-Ex-LED-D-4000-118-4K	3061	28	109	50	1149x425x65	2,9
084201	AQUA-70-Ex-LED-D-8000-136-4K	5985	51	117	50	1709x425x65	4,7
084202	AQUA-70-Ex-LED-WOD-4000-118-4K	3061	28	109	50	1149x425x65	2,9
084203	AQUA-70-Ex-LED-WOD-8000-136-4K	5985	51	117	50	1709x425x65	4,7

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

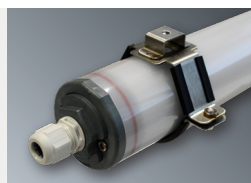
AQUA-70-Ex-LED



Accessories on request



008096	Cable gland plastic Ex M20x1,5
008097	Plastic nut WISKA EMUG 20 M20x1,5
008090	Ex plastic sealing plug M20x1,5
007047N	Flat sealing ring EPDM 27x18,5x1,5mm



Direct installation	
064898	SS mounting bracket AQUA-70 (1 pc)



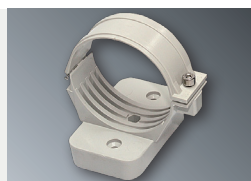
Direct installation	
053627	SS mounting bracket AQUA-70 (1 pc)



Direct installation	
053629	Mounting bracket AQUA-70 dark grey (1 pc)
Suspended installation	
051127	SS mounting bracket AQUA-70 (1 pc)
053629	Mounting bracket AQUA-70 dark grey (1 pc)



Direct installation	
053628	SS mounting bracket AQUA-70 (1 pc)
Suspended installation	
051134	SS cable suspender AQUA-70 (2 pc)
053628	Mounting bracket AQUA-70 bright grey (1 pc)



Direct installation	
053630	Mounting bracket AQUA-70 bright grey (1 pc)
Suspended installation	
051127	Cable suspender AQUA (2 pcs)
053630	Mounting bracket AQUA-70 bright grey (1 pc)

Lighting fixture detail



System of marking

AQUA-70-Ex-LED-D-XXXX-YYY	with disconnector
AQUA-70-Ex-LED-WOD-XXXX-YYY	without disconnector
XXXX*	luminous flux value (lm) 4000/8000
YYY*	type of housing 118/136

On request:

3000/4000/6000K - colour temperature

1F - one phase through wiring connection, max. cross section of wires 4,0 mm²

Stadard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
084200	X	X	X	X	X	084200 1F	X
084201	X	X	X	X	X	084201 1F	X
084202	X	X	X	X	X	084202 1F	X
084203	X	X	X	X	X	084203 1F	X

Use of lighting fixtures in areas with danger of explosion	Marking of external influences	Area classification	
		Marking	Directive
Danger of explosion of flammable dusts	BE3N1	ZONE 21,22	ČSN EN 60079-14, ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapours	BE3N2	ZONE 1,2	ČSN EN 60079-14, ČSN EN 60079-10-1

STL International Ltd

Hill Farm, Linton Hill, Maidstone, Kent, ME17 4AL, UK T. +44 (0)1622 749633 eMail. solutions@stl-int.co.uk Web. www.stl-int.co.uk