



AQUA-70-LED

IP 66, IP68, IP69K

5 year warranty



Application: Dustproof lighting fixture AQUA-70-LED with splash water resistance (IP69) and immersion to 15 m resistance (IP68) is designed for areas at car washes, dams, water tanks, swimming pools, and chemical industry. Due to construction and thick-wall housing the lighting fixture is mechanically very resistant.

Ballast: EP – electronic 220 – 240 V / 50 Hz-60Hz AC, 220-240 V DC

Light source: LED, 4000K, CRI +80, MacAdam3

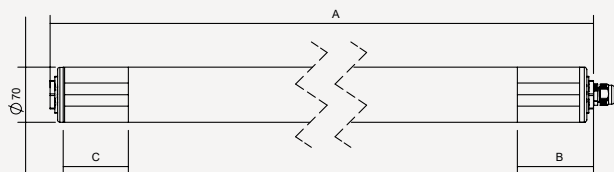
Housing: Tube of 70 mm external diameter and 4 mm wall thickness made of opal PC - IK10 (polycarbonate) or opal PMMA - IK06 (polymethyl methacrylate) terminated with sealing plugs.

Fastening: Surface wall or ceiling mounting by means of plastic or stainless steel mounting brackets (not standard equipment) or suspension by means of cable suspenders

Connection: Screwless connector terminal block, maximum diameter of wires 2.5mm². The lighting fixture can be delivered with a pre-installed cable.

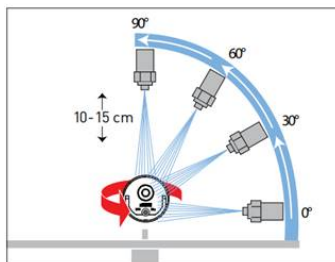
Standard equipment: Cable gland M20 for diameter of cable 6-13mm.

Calculated lifetime – LED modules: L80B10 ta30 – 70 000h
L70B10 ta30 – 100 000h



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting hole A x B (mm)	Weight (kg)
PC								
084130	AQUA-70-LED-FL-2500-4K	1903	17	112	50	780x70x70	-	1,6
084131	AQUA-70-LED-FL-5000-4K	3806	35	109	40	1270x70x70	-	2,4
084132	AQUA-70-LED-FL-7800-4K	5709	52	110	40	1740x70x70	-	3,1
PMMA								
084150	AQUA-70-LED-FL-PMMA-2500-4K	1954	17	115	50	780x70x70	-	1,6
084151	AQUA-70-LED-FL-PMMA-5000-4K	3909	35	112	40	1270x70x70	-	2,4
084152	AQUA-70-LED-FL-PMMA-7800-4K	5864	52	113	40	1740x70x70	-	3,1

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

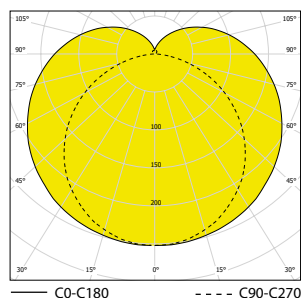


> Test IP 69K:

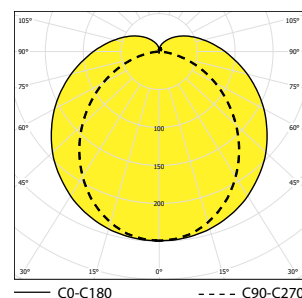
The IP 69K test verifies the protection against hot water during high-pressure or steam-jet cleaning according to EN 60529. The test conditions require a pressure of 100 bar at a temperature of 80 °C.



AQUA-70-LED-PMMA



AQUA-70-LED-PC



Accessories on request



Direct mounting

053627 Stainless steel mounting bracket AQUA-70 (1 pc)



Direct mounting

053629 Mounting PC bracket AQUA-70, dark grey (1pc)

Suspended mounting

051127 Cable suspension AQUA-70 (2 pcs)

053629 Mounting PC bracket AQUA-70, dark grey (1pc)



Direct mounting

053628 Stainless steel mounting bracket AQUA-70 (1 pc)

Suspended mounting

051134 Cable suspension AQUA-70 (2 pcs) stainless steel

053628 Stainless steel mounting bracket AQUA-70 (1 pc)



Direct mounting

053630 Mounting PC bracket AQUA-70, bright grey (1pc)

Suspended mounting

051127 Cable suspension AQUA-70 (2 pcs)

053630 Mounting PC bracket AQUA-70, bright grey (1pc)



Direct mounting

064898 Stainless steel mounting bracket AQUA-70 (1 pc) for direct surface mounting

Lighting fixture detail



On request

DIM – dimmable electronic ballast (DALI,DSI, 1-10V)

GESIS – possibility to equip lighting fixtures with connectors

NANO – lighting fixtures can be protected by special nano-layer (hydrophobic, oleophobic or antibacterial protection)

1/3 F - single-phase or three phase through wiring connection, max. diameter of wires 2.5 mm²

2.7K-6.5K - colour temperature

II - insulation class II

MULTI-1/3 - maintained emergency lighting

EM-1/3 - non-maintained emergency lighting

CRI - colour rendering index > 90

Standard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
PC							
084130	084136	084139	084142	084145	084133	084130 1F	084130 3F
084131	084137	084140	084143	084146	084134	084131 1F	084131 3F
084132	084138	084141	084144	084147	084135	084132 1F	084132 3F
PMMA							
084150	084176	084179	084182	084185	084153	084150 1F	084150 3F
084151	084177	084180	084183	084186	084154	084151 1F	084151 3F
084152	084178	084181	084184	084187	084155	084152 1F	084152 3F

In case of MULTI version the length of the lighting fixture is extended



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