

ACQUEx

Zone 2, 22



Extremely simply, safe and reliable for explosive atmospheres



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CHARACTERISTICS

ACQUEx

Mechanical

IP66 IK10

Housing	Compressed fibreglass reinforced polyester (GRP) in yellow RAL 1003 Grey RAL 7035 optional
Diffuser	Injected polycarbonate transparent diffuser with UV protection Prismatic design for an optimum light distribution
Closing clips	Stainless steel
Gasket	Polyurethane
Gear tray	White lacquered steel plate
Cable entry	EX cable gland M20 (M25 available)
Fixing clips	Stainless steel

Functional

Lifetime	L80 70,000 hours
Fire protection	Flammability (UL94): HB
	Glow wire test (EN 60595-2-11): 650°C

Electrical

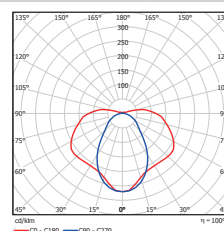


Connection	3/5 pole push wire terminal block
Power factor	>0.95 full load
THD	<10% full load
Flicker factor	<1%

Photometrical

Luminous flux	Up to 8,000lm
Efficiency	Up to 155lm/W
SDCM	< 3

Polar diagram



APPLICATIONS



For auxiliary areas, like battery rooms, ACQUEx offers **high efficiency** up to 150lm/W and long lifetime 100,000 hours.

It is suitable for locations up to 50°C and has been certified ec by a notified body.

OPTIONS

Special options in grey under request.

LENGTH (mm)	LUMINOUS FLUX (lm)	CRI	LIGHT COLOUR (K)	DRIVER	DIFFUSER	EMERGENCY KIT
0.6: 600	20: 2000	8: 80	40: 4000	ET: non dimmable	PC: polycarbonate	EB3: 3 hours
1.2: 1200	40: 4000	9: 90	30: 3000	ETDD: DALI dimmable		
1.5: 1500	60: 6000		50: 5000			
	80: 8000		65: 6500			







More options available: - Versions for T8 and T5 fluorescence tube

OPERATIONAL DATA

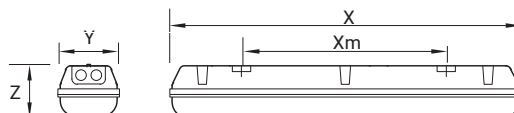
Description	Reference	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Luminous flux emergency	Temperature range
ACQUEx LED-M 0.6 20-840 ET PC	10239012	2000	15	135	-	-20°C - +50°C
ACQUEx LED-M 0.6 20-840 ETDD PC	10239013	2000	15	135	-	-20°C - +50°C
ACQUEx LED-M 1.2 40-840 ET PC	10239015	4000	27	150	-	-20°C - +50°C
ACQUEx LED-M 1.2 40-840 ETDD PC	10239016	4000	27	150	-	-20°C - +50°C
ACQUEx LED-M 1.2 60-840 ET PC	10239018	6000	42	140	-	-20°C - +50°C
ACQUEx LED-M 1.2 60-840 ETDD PC	10239019	6000	42	140	-	-20°C - +50°C
ACQUEx LED-M 1.5 60-840 ET PC	10239021	6000	39	155	-	-20°C - +50°C
ACQUEx LED-M 1.5 60-840 ETDD PC	10239022	6000	39	155	-	-20°C - +50°C
ACQUEx LED-M 1.5 80-840 ET PC	10239024	8000	55	145	-	-20°C - +50°C
ACQUEx LED-M 1.5 80-840 ETDD PC	10239025	8000	55	145	-	-20°C - +50°C
EMERGENCY KIT						
ACQUEx LED-M 0.6 20-840 ET PC EB3	10239014	2000	20	100	200	0°C - +40°C
ACQUEx LED-M 1.2 40-840 ET PC EB3	10239017	4000	32	125	350	0°C - +40°C
ACQUEx LED-M 1.2 60-840 ET PC EB3	10239020	6000	47	125	470	0°C - +40°C
ACQUEx LED-M 1.5 60-840 ET PC EB3	10239023	6000	44	135	470	0°C - +40°C
ACQUEx LED-M 1.5 80-840 ET PC EB3	10239026	8000	60	135	650	0°C - +40°C






DIMENSIONS AND LOGISTICS

Description	X	Xm	Y	Z						
	mm	mm	mm	mm	L x W x H mm	Item ²	Pcs./Box	Box ²	Groupage Pcs./pallet	FTL/container Pcs./Double pallet
ACQUEx LED-M 0.6...	665	390	145	101	675 x 151 x 105	2.0	1	2.0	150	90 + 90
ACQUEx LED-M 1.2...	1282	800	145	101	1289 x 151 x 105	3.3	1	3.3	75	45 + 45
ACQUEx LED-M 1.5...	1578	1100	145	101	1589 x 151 x 105	4.0	1	4.0	75	45 + 45

² Weight in EB3 versions: +0.2KG



ACCESSORIES

Description	Reference	Description	Reference
 Bag with 2 suspension triangles for ACQUEx	10237125	 Pipe clamp for 1.5 inch pole mounting	10284127
 Fixing clips in stainless steel 316L, 2 units	10256809		