

ACQUEX

Simply, safe and reliable for explosive atmospheres

Zone 2, 22



OIL & GAS	PHARMA	CHEMICAL	FOOD	POWER PLANT	INDOOR	OUTDOOR UNDER SHELTER	CEILING MOUNTING	WALL MOUNTING	5 YEARS warranty	+40°C -20°C
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Benefits

- Outstanding impact resistance IK10.
- Up to 150lm/W with DALI and emergency kit versions to cover more needs with a single luminaire.
- Safe installation thanks to its internal diffuser which avoids direct contact with the LED module.
- Quick and easy mounting on ceiling or wall.

Characteristics

IP 66	IK 10	Frequency 0-50/60Hz	Rated voltage 220-240V	NON-SELV	
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Mechanical characteristics

Housing	Compressed fibreglass reinforced polyester (GRP) in yellow RAL 1003 Grey RAL 7035 available
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	PA ATEX cable gland M20 (M25 available)
Fixing clips	Stainless steel



Electrical characteristics

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

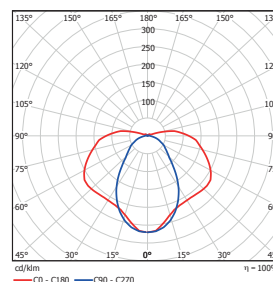
Functional characteristics

Lifetime	L80B50 Up to 70,000 hours
Guarantee	5 years
Fire protection	Flammability (UL94): V2 Glow wire test (EN 60695-2-11): 650°

Compliance



Photometrical characteristics



II 3G Ex nA IIC T6 Gc
 II 3D Ex tc IIIC T85 Dc IP66

ACQUEX

Description

FAMILY	MODEL	LENGTH (mm)	CRI	LIGHT COLOUR	DRIVER	DIFFUSER	EMERGENCY KIT	CLOSING CLIPS	HOUSING
> ACQUEX	> LED-M	> 0.6: 600 > 1.2: 1200 > 1.5: 1500	> 8: 80	> 40: 4000	> ET: non dimmable > ETDD: DALI dimmable	> PC: polycarbonate	> EB3: 3 hours	> INOX: stainless steel	> _: yellow RAL 1003

Special options under request

Ask our Sales Team for more details	> 9: 90	> 30: 3000 > 50: 5000 > 65: 6500	> 7035: grey RAL 7035
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Operational data

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Luminous flux in emergency (lm) ¹	Colour temperature (K)	CRI
ACQUEX LED-M 0.6 20-840 ET PC	10239012	2000	15	135	-	4000	>80
ACQUEX LED-M 0.6 20-840 ETDD PC	10239013	2000	15	135	-	4000	>80
ACQUEX LED-M 0.6 20-840 ET PC EB3 ¹	10239014	2000	20	100	200	4000	>80
ACQUEX LED-M 1.2 40-840 ET PC	10239015	4000	27	150	-	4000	>80
ACQUEX LED-M 1.2 40-840 ETDD PC	10239016	4000	27	150	-	4000	>80
ACQUEX LED-M 1.2 40-840 ET PC EB3 ¹	10239017	4000	32	125	470	4000	>80
ACQUEX LED-M 1.2 60-840 ET PC	10239018	6000	42	140	-	4000	>80
ACQUEX LED-M 1.2 60-840 ETDD PC	10239019	6000	42	140	-	4000	>80
ACQUEX LED-M 1.2 60-840 ET PC EB3 ¹	10239020	6000	47	125	470	4000	>80
ACQUEX LED-M 1.5 60-840 ET PC	10239021	6000	39	155	-	4000	>80
ACQUEX LED-M 1.5 60-840 ETDD PC	10239022	6000	39	155	-	4000	>80
ACQUEX LED-M 1.5 60-840 ET PC EB3 ¹	10239023	6000	44	135	420	4000	>80
ACQUEX LED-M 1.5 80-840 ET PC	10239024	8000	55	145	-	4000	>80
ACQUEX LED-M 1.5 80-840 ETDD PC	10239025	8000	55	145	-	4000	>80
ACQUEX LED-M 1.5 80-840 ET PC EB3 ¹	10239026	8000	60	135	420	4000	>80

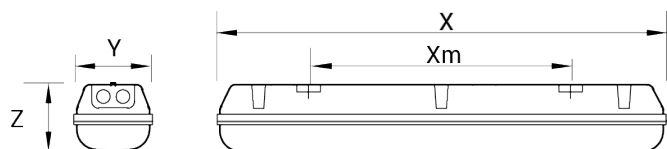
¹ In emergency versions maximum power consumption increases in 4W during battery charging, which is approximately 5% of the time that luminaire is on. The rest of the time power consumption is as indicated.

Dimensions and logistics

Description	X	Xm	Y	Z					
	mm	mm	mm	mm	L x W x H mm	Pcs./Box	Box ²	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
ACQUEX LED-M 600...	665	390	145	101	675 x 151 x 105	1	2.0	150	90 + 90
ACQUEX LED-M 1200...	1282	800	145	101	1289 x 151 x 105	1	3.3	75	45 + 45
ACQUEX LED-M 1500...	1578	1100	145	101	1589 x 151 x 105	1	4.0	75	45 + 45

Please check with our Back Office to confirm logistic data

² Weight in EB3 versions: +0.2KG



Accessories

10237125	Bag with 2 suspension triangles for ACQUEX
10256809	Fixing clips in stainless steel 316L, 2 units

