

# 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) Grey RAL 7035
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%

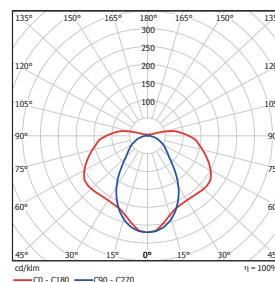
### Functional characteristics

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)	DRIVER	EMERGENCY KIT	DIFFUSER	THROUGH WIRING	CLOSING CLIPS	HOUSING
> ACQUEX	> LED-M	> 600 > 1200 > 1500	> ET: non dimmable	> EB3: 3 hours	> PC: polycarbonate	> 3x1,5 > 5x1,5	> INOX: stainless steel	> 7035: grey RAL 7035

Special options under request

### Operational data

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Luminous flux in emergency (lm) <sup>1</sup>	Colour temperature (K)	CRI
ACQUEX LED-M 600 ET PC 3x1,5 INOX 7035	10250285	2200	18	125	-	4000	>80
ACQUEX LED-M 600 ET EB3 PC 5x1,5 IX 7035	10250286	2200	18	125	200	4000	>80
ACQUEX LED-M 1200 ET PC 3x1,5 IX 7035	10250287	4800	32	150	-	4000	>80
ACQUEX LED-M 1200 ET EB3 PC 5x1,5 IX 7035	10250288	4800	32	150	470	4000	>80
ACQUEX LED-M 1500 ET PC 3X1,5 IX 7035	10250289	5800	40	145	-	4000	>80
ACQUEX LED-M 1500 ET EB3 PC 5X1,5 IX 7035	10250290	5800	40	145	420	4000	>80

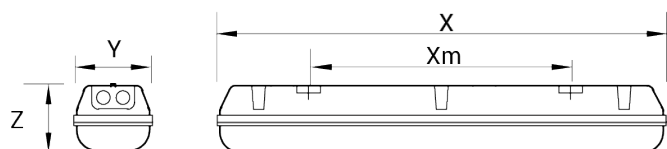
<sup>1</sup> In emergency versions maximum power consumption increases in 4W during battery charging, which is approximately 5% of the time that luminaire is on. The rest of the time power consumption is as indicated.

### Dimensions and logistics

Description	X	Xm	Y	Z					
	mm	mm	mm	mm	L x W x H mm	Pcs./Box	Box <sup>2</sup>	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

<sup>2</sup> Weight in EB3 versions: +0.2KG



### Accessories

10237125	Bag with 2 suspension triangles for ACQUEX
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