

ACQUEx LED-M

Zone 2, 22

Simply, safe and reliable for explosive atmospheres

II 3G Ex ec IIC T6 Gc

II 3D Ex tc IIC T85°C Dc

ATEX certificate No: OBAC 19 ATEX 0206X
IECEX certificate No: IECEX OBAC 23.0005X



5 YEARS
warranty

+50°C
-20°C

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

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
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

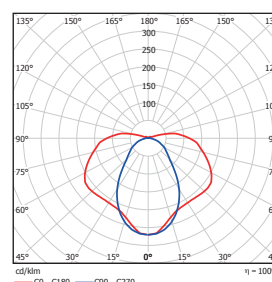
Lifetime	L80B50 Up to 100,000 hours
Guarantee	5 years
Fire protection	Flammability (UL94): HB Glow wire test (EN 60695-2-11): 650°



Compliance

RoHS

Photometrical characteristics



ACQUEx LED-M

Description

FAMILY	MODEL	LENGTH (mm)	LUMINOUS FLUX	CRI	LIGHT COLOUR	DRIVER	THROUGH WIRING	EMERGENCY KIT	HOUSING
ACQUEx	LED-M	0.6: 600 1.2: 1200 1.5: 1500	20: 2000 40: 4000 60: 6000 80: 8000	8: 80	40: 4000	ET: non dimmable ETDD: DALI dimmable		EB3: 3 hours	└ yellow RAL 1003

Special options under request

Ask our Sales Team for more details	9: 90	30: 3000 50: 5000 65: 6500	LV3: 3x2,5mm ² LV5: 5x2,5mm ²	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	Temperature range ²
ACQUEx LED-M 0.6 20-840 ET	10239012	2000	16	135	-	4000	>80	-20°C - +50°C
ACQUEx LED-M 0.6 20-840 ETDD	10239013	2000	16	135	-	4000	>80	-20°C - +50°C
ACQUEx LED-M 0.6 20-840 ET EB3	10239014	2000	21	100	200	4000	>80	-0°C - +40°C
ACQUEx LED-M 1.2 40-840 ET	10239015	4000	27	150	-	4000	>80	-20°C - +50°C
ACQUEx LED-M 1.2 40-840 ETDD	10239016	4000	27	150	-	4000	>80	-20°C - +50°C
ACQUEx LED-M 1.2 40-840 ET EB3	10239017	4000	32	125	350	4000	>80	-0°C - +40°C
ACQUEx LED-M 1.2 60-840 ET	10239018	6000	42	140	-	4000	>80	-20°C - +50°C
ACQUEx LED-M 1.2 60-840 ETDD	10239019	6000	42	140	-	4000	>80	-20°C - +50°C
ACQUEx LED-M 1.2 60-840 ET EB3	10239020	6000	45	125	470	4000	>80	-0°C - +40°C
ACQUEx LED-M 1.5 60-840 ET	10239021	6000	39	140	-	4000	>80	-20°C - +50°C
ACQUEx LED-M 1.5 60-840 ETDD	10239022	6000	39	140	-	4000	>80	-20°C - +50°C
ACQUEx LED-M 1.5 60-840 ET EB3	10239023	6000	44	135	470	4000	>80	-0°C - +40°C
ACQUEx LED-M 1.5 80-840 ET	10239024	8000	55	145	-	4000	>80	-20°C - +50°C
ACQUEx LED-M 1.5 80-840 ETDD	10239025	8000	55	145	-	4000	>80	-20°C - +50°C
ACQUEx LED-M 1.5 80-840 ET EB3	10239026	8000	60	135	650	4000	>80	-0°C - +40°C

¹ In emergency versions, power consumption is as indicated only during battery charging, around 5W lower otherwise

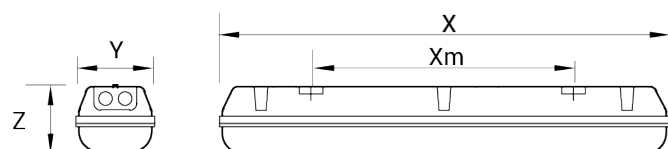
² Maximum operating ambient temperature depends in input power and luminaire configuration, please consult assembly instructions manual.

Dimensions and logistics

Description	X	Xm	Y	Z					
	mm	mm	mm	mm	L x W x H mm	Pcs./Box	Box ³	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
ACQUEx LED-M 0.6...	665	390	145	101	675 x 151 x 105	1	2.0	150	90 + 90
ACQUEx LED-M 1.2...	1282	800	145	101	1289 x 151 x 105	1	3.3	75	45 + 45
ACQUEx LED-M 1.5...	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

³Weight in EB3 versions: +0.2KG



Accessories

10237125	Bag with 2 suspension triangles for ACQUEx
10256809	Fixing clips in stainless steel 316L, 2 units
10376674	Nickel brass Ex cable gland, M25, with nut and ring, 1 unit
10376675	Nickel brass Ex cable gland, M20, with nut and ring, 1 unit



10237125



10256809



10376674 / 10376675

Please check with our Back Office to confirm logistic data

Circuit breaker/inrush current

Product description	Number of drivers on a single-pole power circuit breakers (CB)		
	CB-Type	10A	16A
0.6 ET...	B	19	30
0.6 ETDD...	B	17	28
1.2 40 ET...	B	14	22
1.2 40 ETDD...	B	17	28
1.2 60 ET...	B	16	26
1.2 60 ETDD...	B	14	23
1.5 ET...	B	16	26
1.5 ETDD...	B	14	23

- Data for $U_{supply} = 230 \text{ VAC}$, mains impedance = 1Ω
- In case of multi-polar CB the maximum number is reduced by 20 %.
- The maximum number may differ depending on CB manufacturer. Please, consider the specifications of the manufacturer.
- CB with C-characteristics are recommended to be used in lighting groups.