



# ACQUEx TA

Zone 1, 21  
Zone 2, 22

Simply, safe and reliable for explosive atmospheres

II 2G Ex eb ib mb IIC T6/T5 Gb  
II 2D Ex tb IIIC T85°C Db

ATEX certificate No: OBAC 23 ATEX0035X



Oil refinery



Thermal



Petrochemical



Indoor



Outdoor under shelter



Ceiling mounting



Wall mounting

5 YEARS warranty



## Benefits

- Traditional aesthetics robust luminaire for Ex zone 1 and 2.
- Outstanding impact resistance.
- High efficiency up 139 lm/W with long lifetime.
- With PA Ex cable gland to make installation easier.

## Characteristics

IP 66/67

IK 10

Frequency  
0-50/60Hz

Rated voltage  
100-277 VAC  
100-250 VDC



### Mechanical characteristics

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
Gasket	Polyurethane
Gear tray	White lacquered steel plate
Cable entry	Two holes on both sides, through wiring, 2 cable glands and 1 stopping plug M20 (M25 available)
Fixing clips	Stainless steel



### Electrical characteristics

Connection	3 pole push wire terminal block Through wiring 3x2,5
Power factor	> 0.95 full load
THD	< 10% full load
Flicker factor	< 1%

### Functional characteristics

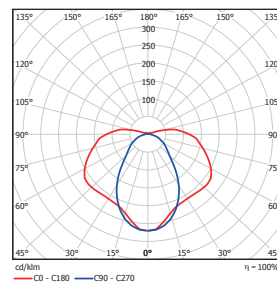
Lifetime	L80 Up to 70,000 hours
Guarantee	5 years
Fire protection	Flammability (UL94): HB Glow wire test (EN 60695-2-11): 650°

Compliance



RoHS

### Photometrical characteristics



## ACQUEx TA

### Description

FAMILY	MODEL	LENGTH (mm)	LUMINOUS FLUX (lm)	CRI	LIGHT COLOUR (K)	DRIVER	DIFFUSER	HOUSING
> ACQUEx	> TA Ex	> 0.6: 600 > 1.2: 1200 > 1.5: 1500	> 28: 2800 > 60: 6000 > 78: 7800	> 8: 80	> 40: 4000 > 50: 5000	> ET: non dimmable	> PC: polycarbonate	> .: yellow RAL 1003
Special options under request								
Ask our Sales Team for more details				> 9: 90	> 30: 3000 > 65: 6500			> 7035: grey RAL 7035

### Operational data

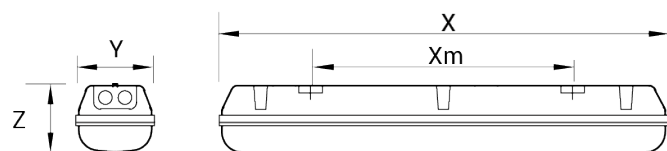
Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range <sup>1</sup>
ACQUEx TA Ex 0.6 28-840 PC	10349131	2800	23	122	4000	>80	-20°C - +50°C
ACQUEx TA Ex 0.6 28-850 PC	10349134	2800	23	122	5000	>80	-20°C - +50°C
ACQUEx TA Ex 1.2 60-840 PC	10349132	6000	45	133	4000	>80	-20°C - +50°C
ACQUEx TA Ex 1.2 60-850 PC	10349135	6000	45	133	5000	>80	-20°C - +50°C
ACQUEx TA Ex 1.5 78-840 PC	10349133	7800	56	139	4000	>80	-20°C - +50°C
ACQUEx TA Ex 1.5 78-850 PC	10349136	7800	56	139	5000	>80	-20°C - +50°C

<sup>1</sup> For T6 temperature class, please consult assembly instructions.

### Dimensions and logistics

Description	X	Xm	Y	Z					
	mm	mm	mm	mm	L x W x H mm	Pcs./Box	Box	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
ACQUEx TA Ex 0.6...	665	390	145	101	675 x 149 x 102	1	2.1	150	90 + 90
ACQUEx TA Ex 1.2...	1282	800	145	101	1305 x 149 x 102	1	3.9	75	45 + 45
ACQUEx TA Ex 1.5...	1578	1100	145	101	1605 x 149 x 102	1	4.5	75	45 + 45

Please check with our Back Office to confirm logistic data



### 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