

SECURE (ZONA 2 and 22)

1. TECHNICAL DATA.

LIGHT FITTING	Polycarbonate 3,5 mm thickness
END CAPS	ABS NOVODUR ANTIESTATIC PLASTIC
REFLECTOR	Glossy aluminium
POWER SOURCE	220-240 V, 50/60 Hz (electronic)
IP PROTECTION	IP-68 – 2m.
IMPACT PROTECTION	IK10
LAMP TYPE	T8 / T5
INSULATION CLASS	Class I
WORK TEMPERATURE	From -15 C to +55 C
GLOW WIRE TEST	960° C
ACCESORIES INCLUDED	2 galvanized steel clamps. Available antiestatic plastic clamp (black) ATEX cable glands

2. ATEX MARK

Zone  **2:** II 3GD Ex nR IIC T6 Gc .

Zone  **22:** Ex t IIC T85 °C Dc.

3. IMAGES



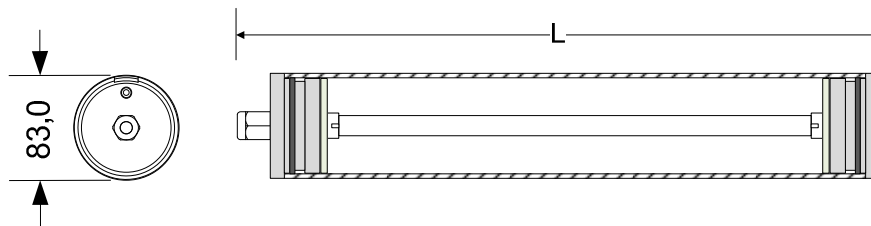
SECURE



STAINLESS STEEL
 CLAMPS

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4. DIMENSIONS AND OTHER INFORMATION



SECURE T8 1 TUBE / 2 TUBES			
POWER (W)	L (mm)	D (mm)	PACKING (units)
18	709	83	6
36	1319	83	6
58	1624	83	6

SECURE T5 1 TUBE / 2 TUBES			
POWER (W)	L (mm)	D (mm)	PACKING (units)
HIGH EFFICIENCY			
14	671	83	6
21	966	83	6
28	1272	83	6
35	1574	83	6
HIGH OUTPUT			
24	671	83	6
39	966	83	6
49	1574	83	6
54	1272	83	6

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5. AVAILABLE POWERS

SECURE T8 1 TUBE / 2 TUBES	
POTENCIA (W)	ELECTRÓNICA
18	✓
36	✓
58	✓

SECURE T5 1 TUBE / 2 TUBES	
POWER (W)	ELECTRONIC
HIGH EFFICIENCY	
14	✓
21	✓
28	✓
35	✓
HIGH OUTPUT	
24	✓
39	✓
49	✓
54	✓

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6. LUMINAIRES WITH EMERGENCY KIT

The Emergency Kit is a functional device making it possible to convert a fluorescent luminaire into an emergency luminaire.

The can act in permanent or non-permanent mode.

Autonomy and emergency light output are automatically adjusted according to the power of the power switch of the control gear.

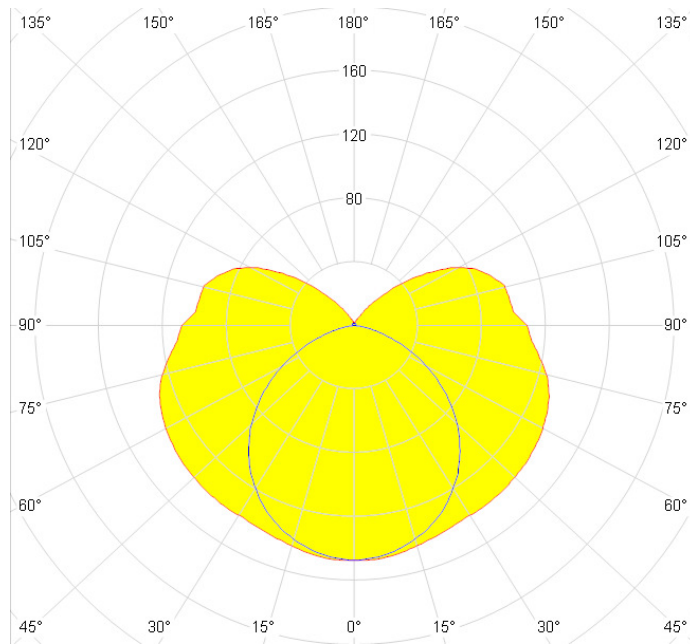
The powers supported by the Emergency Kit in the SECURE model are:

		PERMANENT	NON PERMANENTE
T8	18	✓	✓
	36	✓	✓
	58	✓	✓
T5	14	✓	✓
	21	✓	✓
	24	✓	✓
	28	✓	✓
	35	✓	✓
	39	✓	✓
	49	✓	✓
	54	✓	✓

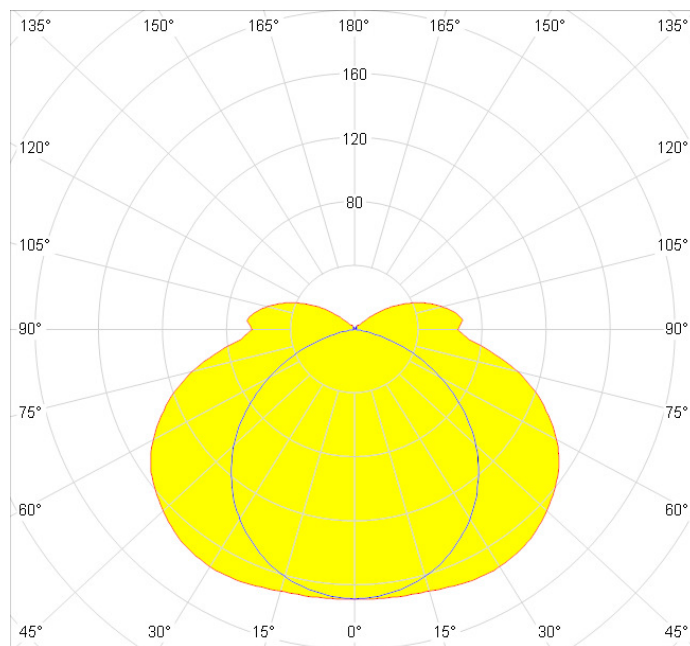
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7. PHOTOMETRY

1 tube light fitting SECURE (zone 2 and 22)



2 tube light fitting SECURE (zone 2 and 22)



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8. APPLICATIONS

This light fitting is IP 68 protected. This allows a total protection against dust and water penetration during a long time. Impact protection is IK-10.

SECURE is specifically designed for ATEC 2 and 22 zones, and is adequate for places where occasionally may appear dust or atmosphere potentially explosive, but never as usual condition.

2 and 22 zones definition:

Zone 2: Place where, during normal operation it isn't probable explosive atmosphere formation, or in case that appears, it would be during a short period of time.

Zone 22: The same as zone 2 but applied to flammable dust and air mix formation.

This luminaire fits multiple applications, such as:

A) Industrial Applications:

- Warehouses or loading and unloading places, with rare explosive gas or dust.
- Industries and factories with loading and unloading places under cisterns.
- Urban waste treatment facilities.
- Vehicle garage, inspection trench.

B) Farming applications:

- Farming machines warehouses.
- Unloading grain places.

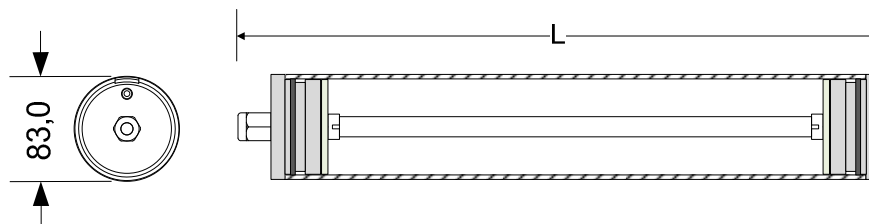
C) Gas stations:

- Places near (not close) petrol pumps.

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9. SECURE VERSION LED TUBES

9.1 DIMENSIONS AND OTHER INTEREST DATA.



SECURE-LED 1 TUBE / 2 TUBES			
TUBE LED LENGHT (W)	L (mm)	D (mm)	PACKING (units)
600	709	83	6
1.200	1319	83	6
1.500	1624	83	6

All the SECURE accesories can be use for the LED version (Quick conection, suspensions,...) except emergency kits.
The photometry depends on the LED tube to be installed.

9.2. WARNINGS.

- 1.) AIRFAL INTERNATIONAL will prodece all the LED tube luminaires to the client specifications. The client will give Airfal the electrice diagram of the tube to be installed in the luminaires that he purchases
- 2.) AIRFAL INTERNATIONAL will manufacture luminaires for the LED tube chosen by the client. In no case Airfal will be responsible from the operation of the LED tubes, being these ultimate reponsable for the correct operating of the light fitting.
- 3.) The supplier of the LED tubes will have to add to the light fitting the user guide or the tubes, to avoid that they are replaced by another brand and model with different writing.
- 4.) Consult with AIRFAL INTERNATIONAL the compatibility of the Led tube you want use.

For major information put in touch with the technical department.