



## 1) TYPE EXAMINATION CERTIFICATE

- 2) Equipment or protective system intended for use in potentially explosive atmospheres — Directive 2014/34/EU
- 3) Type Examination Certificate Number : **SCA19ATEXV001X**
- 4) Equipment : TUBULAR FLUORESCENT LAMP, TYPE:ZNP.X SERIES
- 5) Manufacturer : ZONE ELEKTRİK MAK. MÜH. İMALAT SAN. TİC. LTD. ŞTİ.
- 6) Manufacturer Address : Güzeller Mah. 914 Sk. No:36/A Gebze-Kocaeli/TURKEY
- 7) This equipment or protective system and/or any acceptable variation there to is specified in the schedule to this certificate and the documents therein referred to.
- 8) SCA Belgelendirme ve Özel Egt. Hizm. Ltd. Sti. Certifies that this equipment has been found to comply with the Essential Health and Safety Requirements that relate to the design of Category 3 equipment, which is intended for use in potentially explosive atmospheres. These Essential Health and Safety Requirements are given in Annex II to European Union Directive 2014/34/EU of the European Parliament and of the Council, 26 February 2014.  
The examination and test results are recorded in the confidential report **A/2019-03-027/Rp.04**
- 9) Essential Health and Safety Requirements is made about reference standards.  
**EN 60079-0:2018, EN IEC 60079-7:2015 , EN 60079-31:2014**
- 10) If the sign “X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.
- 11) Type Examination Certificate relates only to the design of the specified equipment, and not to specific items of equipment subsequently manufactured.
- 12) The marking of the equipment must include the following :



**II 3G Ex ec IIC T4 Gc**  
**II 3D Ex tc IIC T90°C Dc**

**The competent person**  
**SCA Technical Manager**  
**İsmail OĞLAKCIOĞLU**

**Date of Approval : 09.08.2019**

### 13) SCHEDULE

14) Type Examination Certificate : SCA19ATEXV001X

### 15) Description of Equipment and/or Protective System:

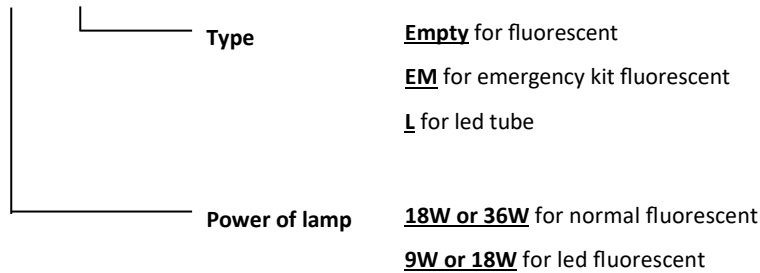
ZNP.X SERIES type fluorescent lamp comprises a lamp tube assembly with two end caps. The housing consists of a transparent polycarbonate tube with polycarbonate end caps. The electronics are located in the main body. Both end caps connected together by two 6 mm diameter tie bars, therefore compressing the tube and caps. The equipment is intended for fixed installation. The equipment has normal fluorescent lamp, led fluorescent lamp and emergency kit variations.

#### Technical Parameters

Lampholder type : T8  
Rated voltage : 220/240 V  
Rated frequency : 50/60 Hz  
Rated power : 2x36W, 2x18W  
Ambient temperature : -20°C to +55°C

#### Identification of Type Codes

ZNP. 2 x



### 16) Test and Assessment Report A/2019-03-027/Rp.04

Complied with IP66 degree of protection.

The competent person  
SCA Technical Manager  
İsmail OĞLAKCIOĞLU

Date of Approval : 09.08.2019



## CONTINUATION OF SCHEDULE TO TYPE EXAMINATION CERTIFICATE SCA19ATEXV001X

### 17) Special Conditions for Safe Use :

The cable glands used for cable entries and plugs for unused holes on equipment must have to following parameters and certification:

- "Ex ec IIC Gc and Ex tc IIIC Dc " protection according to EN 60079-0, EN 60079-7, EN 60079-31
- Minimum degree of protection IP 66 according to EN 60529
- Threaded entry size shall be in accordance with technical file and technical drawings

#### Notes for manufacturing and operation

- The manufacturer shall carry out the routine dielectric tests according to EN 60079-7:2015 Clause 7
- The manufacturer shall mark with "WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS" on equipment

### 18) Essential Health and safety Requirements :

Met by compliance with the standards listed in Section 9 of this certificate.

### 19) Drawings and Documents :

Technical file ZN-P-19/Rev.00 dated 07.03.2019 includes drawings, safety, maintenance and mounting instructions.

Drawing No:	Title	Rev.	Date
Z-01NP-2-511	General Assembly	00	20.10.2018
Z-01NP-2-512	Part List	00	18.10.2018
Z-01NP-2-513/514	Main Body	00	18.10.2018
Z-01NP-2-515	Cover	00	18.10.2018
Z-01NP-2-516-a/b	Glasses	00	18.10.2018
Z-01NP-2-517-a/b	Tie bars	00	18.10.2018

**The competent person**  
SCA Technical Manager  
İsmail OĞLAKCIOĞLU

**Date of Approval : 09.08.2019**

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This Certificate May Only Be Reproduced In Its Entirety And Without Change