



EU-TYPE EXAMINATION CERTIFICATE

1)

2) Equipment or protective system intended for use in potentially explosive atmospheres — Directive 2014/34/EU

3) EU-Type Examination Certificate Number : **SCA24ATEX256X**

4) Equipment or Protective System : **Globe Lamp**, TYPES: **ZNG.□.□ series, Flash Caution ZNG.F.□** (The type description is in the schedule)

5) Manufacturer : **ZONE Elektrik Mak. Müh. İmalat San. Tic. Ltd. Şti.**

6) Manufacturer Address : **Şekerpınar Mahallesi, Anadolu Cad. NO:8/A Çayırova - 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. Notified Body number 2336 in accordance with the Council Directive 2014/34/EU, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment or protective system intended for use in potentially explosive atmospheres given in 2014/34/EU.

* The examination and test results are recorded in the confidential report B/2023-11-169/Rp.02





9) Essential Health and Safety Requirements is made about reference standard.

EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2024

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) This EU-Type examination certificate relates only to the design and construction of the specified equipment or protective equipment in the scope of 2014/34/EU. Future requirements of the Directive applies to the production process and the provision of equipment or protective system. These are not discussed in this certificate.

12) Marking of the equipment or protective system must include the following :

-  **II 2G Ex db IIB+H₂ T4 Gb (for ZNG.C-X)**
-  **II 2G Ex db IIB T4 Gb (for ZNG.B-X and ZNG.P-X)**
-  **II 2D Ex tb IIIC T135°C Db (for ZNG.C-X, ZNG.B-X and ZNG.P-X)**
-  **II 2G Ex db IIB+H₂ T6 Gb / II 2D Ex tb IIIC T80°C Db (for ZNG.F-X)**

The competent person
SCA Technical Manager
İsmail OĞLAKCIOĞLU



Date of Approval : 12.06.2024



13) SCHEDULE

14) EU-Type Examination Certificate : **SCA24ATEX256X**

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

ZNG.□.□ Lighting fixtures consist of an aluminium alloy body fitted with a glass sealed on a the body. It has a wire cage for impact resistance. There are two different types of mounting: ceiling type and piping type. ZNG.□.□ series lighting fixtures has four models which are ZNG.B-X, ZNG.P-X, ZNG.C-X and ZNG.F-X.

Except ZNG.F-X, all three models comes with two options. First option is 30 W LED string with 220/240 VAC, the other option is max. 100W LED bulb with E27 lampholder.

Technical Parameters

Rated power : 30W or max. 100W resp.

Rated voltage : 220 to 240 VAC - 50/60 Hz, 24VDC (only for ZNG.F.X)

Degree of protection : IP 66

Ambient temperature : -20°C to +45°C

Identification of Type Codes

ZNG . □ . □

Power Type

E for 100W Max. LED Bulb

L for 30W LED String

Type

C for Ceiling Mount Type

B for Piping Mount Type

P for Portable Type

F for Flash Caution Type

16) **Test and Assessment Report B/2023-11-169/Rp.02**

17) **Special Conditions for Safe Use (X):**

The cable glands used for cable entries and plugs for unused holes on equipment must have meet the requirements specified in this certificate and user manual. (group, category, gas/dust group, IP, entry size etc.)

Notes for manufacturing and operation

ZNG.□.□ series globe lambs do not subject to routine overpressure testing. (According to EN 60079-1:2014 article 15.2.3.2 "4 times the reference pressure for enclosures not subject to routine overpressure testing".

The competent person

SCA Technical Manager
İsmail OĞLAKCIOĞLU

Date of Approval : 12.06.2024



CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA24ATEX256X

18) Essential Health and safety Requirements :

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

19) Drawing and Documents :

Technical file ZN-G-23/Rev.00 dated 05.08.2023 includes drawings, safety, maintenance and mounting instructions.

Drawing No:	Title	Pages	Rev.	Date
Z-01NG-1-001	General Assembly(ZNG.C.Y)	1	00	01.03.2023
Z-01NG-1-002	Flamepaths(ZNG.Y.X)	1	00	01.03.2023
Z-01NG-1-003	ZNG.C.Y Main Body	1	00	01.03.2023
Z-01NG-1-004	ZNG.C.Y Upper Body	1	00	01.03.2023
Z-01NG-1-005	ZNG.C.Y Junction Box	1	00	01.03.2023
Z-01NG-1-006	ZNG.B.Y Main Body	1	00	01.03.2023
Z-01NG-1-007	ZNG.B.Y Body Ring	1	00	01.03.2023
Z-01NG-1-008	Glass-Cage-O-Ring	1	00	01.03.2023
Z-01NG-1-009	Locking System	1	00	01.03.2023
Z-01NG-1-010	ZNG.P.X General Assembly	1	00	01.03.2023

.....END OF CERTIFICATE.....

The competent person

SCA Technical Manager
İsmail OĞLAKCIOĞLU

Date of Approval : 12.06.2024