



TYPE EXAMINATION CERTIFICATE

- 1)
- 2) Equipment or protective system intended for use in potentially explosive atmospheres — Directive 2014/34/EU
- 3) Type Examination Certificate Number : **SCA20ATEXV008X/Rev.01** (for revision details see Cl.20)
- 4) Equipment : **Led Projector**, TYPES: **ZNK.□ series** (□: **35W, 50W, 80W, 100W, 125W, 150W, 180W**)
- 5) Manufacturer : **ZONE Elektrik Mak. Müh. İmalat San. Tic. Ltd. Şti.**
- 6) Manufacturer Address : **Çerkeşli OSB Mah. IMES-19 Cad. No:15 Dilovası-Kocaeli/TÜRKİYE**
- 7) Equipment and any acceptable variation thereto are 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 V/2026-03-047/02/Rp.02
- 9) Essential Health and Safety Requirements is made about reference standards.

EN 60079-0:2018, EN IEC 60079-7:2015/A1:2018, 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) 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 shall include the following :



II 3G Ex ec IIC T4 Gc
II 3D Ex tc IIIC T135°C Dc

 Digitally
Signed

The competent person
SCA Technical Manager
Emre KOCUKLU

Date of Approval : 17.06.2026



13) SCHEDULE

14) Type Examination Certificate : SCA20ATEXV008X/Rev.01

15) Description of Equipment and/or Protective System:

ZNK.□ series led projectors are suitable for illumination of hazardous areas which are used in Category 3D and 3G. The led projector comprise of an aluminium enclosure fitted with 8mm temperature resistant flat tempered glass that incorporates a gasket for sealing and an aluminium frame.

Certified terminal blocks has used in the equipment with type of protection Ex eb.

Technical Parameters

Rated voltage : 100-240 VAC

Rated power : From 35 W to 180 W

Rated frequency : 47 ~ 63 Hz

Degree of protection : IP66

Ambient temperature : -20 °C to +50 °C

16) Test and Assessment Report : V/2026-03-047/02/Rp.02

17) Special Conditions for Safe Use :

i. 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.)

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-K-20/Rev.01 dated 10.01.2026 includes drawings, safety, maintenance and mounting instructions.

Drawing No:	Title	Pages	Rev.	Date
Z-01NK-2-101	General Assembly	1	00	24.03.2020
Z-01NK-2-100	Dimensions	1	00	24.03.2020
Z-01NK-2-102	Main Body (Large)	1	00	24.03.2020
Z-01NK-2-103	Glass Cover (Large)	1	00	24.03.2020

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SCA Technical Manager
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CONTINUATION OF SCHEDULE TO TYPE EXAMINATION CERTIFICATE SCA20ATEXV008X/Rev.01

Drawing No:	Title	Pages	Rev.	Date
Z-01NK-2-104	Ballast Cover (Large)	1	00	24.03.2020
Z-01NK-2-105	Main Body (Small)	1	00	24.03.2020
Z-01NK-2-106	Glass Cover (Small)	1	00	24.03.2020
Z-01NK-2-107	Ballast Cover (Small)	1	00	24.03.2020
Z-01NK-2-108	Glass	1	00	24.03.2020
Z-01NK-2-109	O-ring	1	00	24.03.2020

20) Certificate History :

Revision Number	Publication Date	Explanation
Rev.00	02.10.2020	First Publication
Rev.01	17.06.2026	Published for the address and identification of type code change and updating with EN 60079-31:2024.

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

Digitally
Signed

The competent person
SCA Technical Manager
Emre KOCUKLU

Date of Approval : 17.06.2026

SCA Belgelendirme ve Özel Eğitim Hizmetleri Ltd. Şti.
Küçükçiftliği Mah. 8785/1 Sokak No:17 Çiğli -İZMİR / TÜRKİYE
Phone: 0090 (232) 489 02 12 Fax: 0090 (232) 489 02 17
www.scaatex.com e-mail: info@scaatex.com