



- 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 : **SCA19ATEXV002X**
- 4) Equipment : **Indoor and Outdoor Led Luminaire** (250LED***W74EX series)
Models: 250LED104W74EX, 250LED164W74EX, 250LED186W74EX, 250LED208W74EX
- 5) Manufacturer : Baş Aydınlatma San. ve Tic. Ltd. Şti.
- 6) Manufacturer Address : İ.O.S.B. Atatürk Bulvarı Sürmeli İş Merkezi No:108 İç Kapı No:5 Başakşehir/İSTANBUL/TURKEY
- 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/2019-03-039/Rp.04**
- 9) Essential Health and Safety Requirements is made about reference standards.
EN 60079-0:2018, EN IEC 60079-15:2019, 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 shall include the following :



II 3G Ex nR IIC T4 Gc
II 3D Ex tc IIIC T130°C Dc

The competent person
SCA Technical Manager
İsmail OĞLAKCIOĞLU

Date of Approval : 29.08.2019

SCA Belgelendirme ve Özel Eğitim Hizmetleri Ltd. Sti.
Mansuroğlu Mah. 284/1 Sok. No:1 İhsaniye Plaza Kat.6 D.17 Bayraklı İZMİR / TURKEY
Phone: 0090- 232 - 489 02 12 Fax: 0090 - 489 02 17
www.scaatex.com e-mail: info@scaatex.com

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



13) SCHEDULE

14) **Type Examination Certificate :** SCA19ATEXV002X

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

Led Luminaires are suitable for illumination of hazardous areas which are use in Category 3D and 3G. The enclosure is cast from an aluminium alloy. Light transmitting part is 4mm tempered glass. There is gasket between body and glass.

Technical Parameters

Rated voltage : 220/240 V

Rated power : From 104W to 208W

Rated frequency : 50/60 Hz

Degree of protection : IP 65

Ambient temperature : - 20°C to +55 °C

16) **Test and Assessment Report** V/2019-03-039/Rp.04

Complied with IP65 degree of protection.

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 nR" and "Ex tc" protection according to EN 60079-0, EN 60079-15, EN 60079-31

- Minimum degree of protection IP 65 according to EN 60529

- Threaded entry size shall be in accordance with technical file and technical drawings

Notes for manufacturing and operation

Not subject to routine pressure testing.

(According to EN IEC 60079-15:2019 article 11.3.2.1.1 "Type test only without additional routine test". Test report: 2019-03-039/Rp.03/22.08.2019)

The competent person
SCA Technical Manager
İsmail OĞLAKCIOĞLU

Date of Approval : 29.08.2019



CONTINUATION OF SCHEDULE TO TYPE EXAMINATION CERTIFICATE SCA19ATEXV002X

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 TOTAL2019-01/Rev.00 dated 26.07.2019 includes drawings, safety, maintenance and mounting instructions.

Drawing No:	Title	Rev.	Date
250LED***W74EX-1	General Assembly	00	24.07.2019
250LED***W74EX-2	Body	00	24.07.2019
250LED***W74EX-3	Glass	00	24.07.2019
250LED***W74EX-4	Glass Seal	00	24.07.2019
250LED***W74EX-5	Ballast Cover Seal	00	24.07.2019
250LED***W74EX-6	Ballast Cover	00	24.07.2019

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

The competent person
SCA Technical Manager
İsmail OĞLAKCIOĞLU

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