

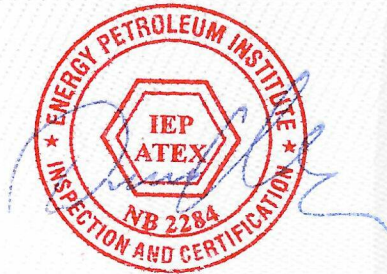
- (1) **EU-Type Examination Certificate**
- (2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**
- Directive 2014/34/EU**
- (3) EU – Type Examination Certificate Number: **IEP 25 ATEX 1636X**
- (4) Equipment: **Led Street Lighting Fixtures, Type ZLX-SKL-01-X**
- (5) Firm Name: **Zeylux Aydınlatma ve Elektrik Taahhüt Limited Şirketi**
- (6) Firm Address: **Merdivenköy Mah. Nur Sok.No: 1/1 İç Kapi 115 Kadıköy / İstanbul / TÜRKİYE**
- (7) This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-3297 date 20.06.2025.
- (9) Compliance with Essential Health and safety requirements has been assured by compliance with;
- EN IEC 60079-0:2018, EN 60079-7:2015, EN 60079-31:2014**
- (10) If the sign “ X “ is placed after the certificate number, it indicates that the product is subject to Specified 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 product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include the following:



II 2G Ex eb IIC T4 Gb
II 2D Ex tb IIIC T135⁰C Db, IP 65

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



Date of Issue: 25.06.2025





IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule

(14) Certificate Nr: **IEP 25 ATEX 1636X**

(15) Description of Equipment:

Led street lighting fixtures can be used in zone 1, zone 21 electric devices and can be used in IIC gas group and IIIC dust group. There are explanations in the manual. Installation must conform to the appropriate manual. The degree of protection is IP 65. Led driver protection IP 67 (encapsulated). Led lighting fixtures are equipped with cable gland eb/db type. Projector can be used at Zone 1 and Zone 21, defined at the EN 60079-10-1 and EN 60079-10-2 standards. Led street lighting fixtures have been evaluated in the contents of IP 65 according to the EN 60529 standard.

Technical Specifications:

Types	Led Street Lighting Fixtures , Type ZLX-SKL-01-X
Power (X)	60 W ÷ 175 W
Electrical sheets	220-240 V AC, 50-60 Hz
IP protection	IP 65
Ambient temperature (°C)	(-20 ~ + 55) °C

(16) List of Documentations;

- Operation and Installation Manual: 12 pages, date 05.03.2025

(17) Drawings:

Drawing Nr;	Drawing Date;
ZLX-SKL-01-000	24.01.2025
ZLX-SKL-01-001	24.01.2025
ZLX-SKL-01-002	24.01.2025

(18) Special Conditions for Safe Use:

18.1 The cross section of cable used for main earth connection must be at least 6 mm².

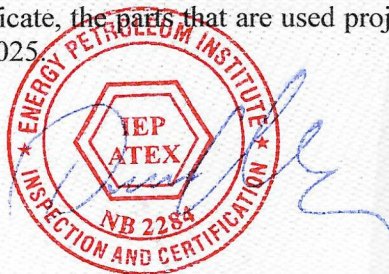
18.2 X Means (**IEP 25 ATEX 1636X**): Installation and periodic maintenance should be done by an authorized person or company according to the user manual and the standard.

18.3 Cable entries and unused holes in electrical equipment will be Ex db or Ex eb ATEX certified. (It will be selected according to the protection type of the equipment.)

For the validity of analysis type certificate, the parts that are used projector are determined in confirmed in the list of equipment page 1, dated 15.03.2025.

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



Date of Issue: 25.06.2025

