

(1) **Type Examination Certificate**

(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**

Directive 2014/34/EU

(3) Type Examination Certificate Number: **IEP 21 ATEX 01008**

(4) Equipment: **Elit Lirad Type , LED Projector**

(5) Firm Name: **PELSAN AYDINLATMA SANAYİ ve TİCARET A.Ş.**

(6) Firm Address: **İmes Sanayi Sitesi A Blok 101 Sok. No:38 Y.Dudullu - İSTANBUL / TURKEY**

(7) This equipment or protective system and 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., certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of category 3 equipment, which is intended for use in potentially explosive atmospheres, given in Annex II to the Council Directive 2014/34/EU. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-2056 date 06.10.2021.

(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 Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

(12) The marking of the equipment or protective system shall include the following:



**II 3G Ex ec IIC T5 Gc
II 3D Ex tc IIIC T 95⁰ C Dc**

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

Date of Issue : 08.10.2021





IEP ENERGY PETROLEUM INSTITUTE

(13) Certificate Nr: **IEP 21 ATEX 01008**

(14) Description of Equipment:

Elit Lirad Type projector is designed to be used against harsh weather conditions. This luminaries' is often used at petrol station, gas filling facility and other explosive or inflammable production plants. Elit Lirad Type , projector can be used in zone 2 and zone 21,22 electric devices and can be used in IIC gas group and IIIC dust group. There are related explanations in the product manual. Installation must conform to the appropriate manual. Led driver protection IP 65/67. Projectors have been evaluated in the contents of IP 65. Elit Lirad Type projector can be used at Zone 2 and Zone 22, defined at the EN 60079-10-1 and 2 standard.

Technical Specifications:

Type	Power (W)	Frequency (Hz)	Supply Voltage (V AC)	IP Protection Class	Ambient Temperature
Elit Lirad	20 ~50	50 / 60	220 - 240	IP 65	(- 20 ~ + 50) °C

(15) Essential Health and Safety Requirements:

This certificate is in the contents of standards that mentioned in item [9]. It has been accepted that Elit Lirad Type, LED Projector is manufactured according to the producer instructions and the standards mentioned above. Information of mounting instruction manual of Elit Lirad Type , LED Projector has been approved 1 page and date 2021.

(16) List of Documentation :

- ♦ Elit Lirad Type , LED Projector user manual [1 page, dated 2021]
- ♦ Add Test Report / Reports No: 2106100596 , Date 23.07.2021

(17) Drawings :

Drawing Nr;	Drawing Name;	Date;
TR-LRD-0001-000M	Assembly Drawing	18.05.2021
TR-LRD-0001-0001	Glass Frame	18.05.2021
TR-LRD-0001-0002	Pin	18.05.2021
TR-LRD-0001-0003	Glass	18.05.2021
TR-LRD-0001-0005	Console	18.05.2021
TR-LRD-0001-0006	Body	18.05.2021
TR-LRD-0001-0007	Inner Body	18.05.2021

For the validity of analysis type certificate, the parts that are used Elit Lirad Type , LED Projector is determined in confirmed in the list of equipment page 1, dated 2021.

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

Date of Issue : 08.10.2021

