

(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 24 ATEX 1345X**(4) Product: **ATAREX Type Projector**(5) Firm Name: **PELSAN AYDINLATMA SANAYİ TİCARET ANONİM ŞİRKETİ**(6) Firm Address: **Bankalar Cad. Emekyemez Mah. Yanıkkapı Prosuk Sok. No:11 Karaköy****İstanbul – TÜRKİYE**(7) Production Address: **Çerkeşli Mah. İMES OSB Mah. 5. Cad. No:12 Dilovası / Kocaeli – TÜRKİYE**

(8) This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(9) 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.10-2734 date 12.02.2024.

(10) Compliance with Essential Health and safety requirements has been assured by compliance with;

EN IEC 60079-0:2018 , EN 60079-1:2014 , EN 60079-7:2015 , EN 60079-31:2014

(11) 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.

(12) 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.

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

**II 2G Ex eb db IIB Tx Gb
II 2D Ex tb IIIC Tx °C Db , IP 66****Responsible Person:**Nurettin Terzioglu
Head of Certification Body**Date of Issue: 16.02.2024**



IEP ENERGY PETROLEUM INSTITUTE

(14) Schedule / Certificate Nr: **IEP 24 ATEX 1345X**

(15) Description of Equipment: Atarex type projector body material is made of E-177 aluminum. The body of the projector has type e protection and the junction box has type d flameproof housing protection type. Atarex type projector is also used as a high ceiling fixture. The junction box has certification number IEP 24 ATEX 1346X. Atarex type projector has been evaluated in the contents of IP 66. Atarex type projector uses as zone 1 - IIB gas group and zone 21 - IIIC dust group are that be used danger area determined in the EN 60079-10-1 and EN 60079-10-2 standard. To must be used of ground cable 4 mm² (min) and HD 21.13.S1/HD.22.4.S4 .

Technical Parameters:

Power	30 ~ 240 W (1-piece projector and 1-piece junction box)
Power (Option)	* 2 x 150 W (Total 300 W), * 2 x 175 W (Total 350 W) (2-piece projector and 1-piece junction box) * 2 x 200 W (Total 400 W), * 2 x 240 W (Total 480 W) (2-piece projector and 1-piece junction box)
Option (in d type junction box)	Emergency, DALI, 1-10V, Step DIM, Microwave Sensor
Voltage	100 - 277 V AC
Frequency	50 / 60 Hz
IP Protection Class	IP 66
Ambient Temperature	-20°C to +40°C (100 - 176 V AC), -20°C to +50°C (176 - 277 V AC)

Tx Gas / Tx Dust °C Temperature Classification:

Tx Gas		
30-50 W	51 -100 W	101-240 W
T6	T5	T4
Tx Dust		
30-50 W	51 -100 W	101-240 W
85 °C	95°C	130 °C

(IEP 24 ATEX 1345X) X means: Installation must be done by authorized personnel according to the manual and EN 60079-14 standard. Periodic inspections and maintenance should be carried out by authorized establishment or personnel according to the EN 60079-17 standard.

(16) Essential Health and Safety Requirements: Are included in standards, which are mentioned in clause (9) of this certificate. The products were approved in accordance with above mentioned standards and manufacturer's instruction. At the installation and the operation of the Atarex type projector have to be observed manufacturer's manual 2 page dated 05.12.2023.

(17) Drawings:

Drawing Name	Drawing Nr.	Date
Assembly Drawing	TR-PLS-ET-000M	01.11.2023
PCB Metal Sheet	TR-PLS-ET-0001	01.11.2023
Bottom Cover	TR-PLS-ET-0002	01.11.2023
Upper Cover	TR-PLS-ET-0003	01.11.2023
Side Cover	TR-PLS-ET-0004	01.11.2023
Gasket	TR-PLS-ET-0005	01.11.2023
PC Glass	TR-PLS-ET-0006	01.11.2023

For the validity of analysis type certificate, the parts that are used in Atarex type projector is determined in confirmed in the component and part list table 1 date 05.12.2023.

Responsible Person:
Nurettin Terzioglu
Head of Certification Body

Date of Issue: 16.02.2024

