

(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 22 ATEX 1061**(4) Product: **Pergamon Type LED Projector**(5) Firm Name: **ONEX ALEVSIZDIRMAZ ELEKTRİK MALZEMELERİ / CAN YUMAK**(6) Firm Address: **Paşaalanı Mahallesi, Zağnospaşa Bulvarı No:29/A Karesi - BALIKESİR / TURKEY**

(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.10-2209 date 22.04.2022.

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

**EN IEC 60079-0 : 2018 , EN 60079-7 : 2015 , EN 60079-18 : 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 mb IIC T5 Gb  
II 2D Ex tb IIC T(90 °C) Db , IP 66****Responsible Person:**Nurettin Terzioglu  
Head of Certification Body**Date of Issue: 29.04.2022**



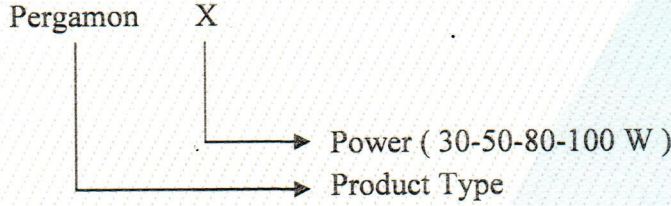


# IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule/ Certificate Nr: **IEP 22 ATEX 1061**

(14) Description of Equipment: Pergamon type LED projector explosion proof light is a system with led. Encapsulation is available on LEDs. The drive is assembled inside the capsule. Cable gland and stopping plug are Ex e type. Pergamon-type LED projector body made from Aluminum. Led driver is in the body. E type terminal is used for the cable connection. To must be used of ground cable 4 mm2 (min) and HD 21.13.S1/HD.22.4.S4 . Pergamon type LED projector explosion proof light has been evaluated in the contents of IP 66. Pergamon type LED projector explosion proof light uses as zone 1, zone 21 are that be used danger area determined in the EN 60079-10-1 and EN 60079-10-2 standard.

### Product Coding System:



### Technical Parameters:

Type	Pergamon
Power	30-50-80-100 W
Voltage	220 / 240 VAC
Frequency	50 - 60 Hz
IP Protection Class	IP 66
Ambient Temperature	-20 °C ~ +40 °C

(15) 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 Pergamon type LED projector explosion proof light has to be observed manufacturer's manual dated 12.02.2022.

(16) Drawings :

Drawing Nr;	Date;
ONEX-001	16.02.2021
ONEX-002	16.02.2021
ONEX-003	16.02.2021
ONEX-004	16.02.2021
ONEX-005	16.02.2021
ONEX-006	16.02.2021
ONEX-007	16.02.2021
ONEX-008	16.02.2021
ONEX-009	16.02.2021
ONEX-010	16.02.2021

For the validity of analysis type certificate, the parts that are used in Pergamon type LED projector explosion proof light is determined in confirmed in the component and part list 2.3.

**Responsible Person:**  
Nurettin Terzioğlu  
Head of Certification Body

**Date of Issue: 29.04.2022**

