

(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 1655X**(4) Product: **LARGO G2 Type LED Luminaires**(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.10-3314 date 07.07.2025.

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

**EN IEC 60079-0 : 2018 , EN 60079-15 : 2019 , 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 3G Ex nR IIC T6 Gc  
II 2D Ex tb IIC T(80 °C) Db , IP 65****Responsible Person:****Nurettin Terzioglu  
Head of Certification Body****Date of Issue: 09.07.2025**



# IEP ENERGY PETROLEUM INSTITUTE

(14) Schedule / Certificate Nr: **IEP 25 ATEX 1655X**

(15) Description of Equipment:

The LED luminaires are designed for use in flammable and explosive environments. Largo G2 type LED luminaires have been evaluated within the scope of IP 66. Largo G2 type LED luminaires used as Zone 2, Zone 21 will be used in the danger zone determined in EN 60079-10-1 and EN 60079-10-2 standards.

## Technical Parameters:

Types	Power (W)	Length (cm)	Frequency (Hz)	Voltage (V AC)	IP Protection Class	Optional
LARGO G2	10 ~ 30W	60	50 / 60	220 - 240	IP 65	Emergency, DALI, 1-10V, STEP DIM, 24V DC, Microwave Sensor
	25 ~ 75W	120				
	50 ~ 100W	150				
	Ambient Temperature: ( - 20 ~ + 50 ) °C					

(IEP 25 ATEX 1655X) 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 (10) 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 Largo G2 type LED luminaires have to be observed manufacturer's manual 2 pages dated 02.06.2025.

(17) Drawings :

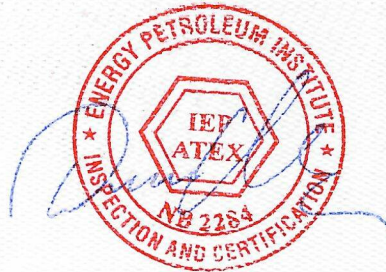
Drawing Nr;	Drawing Name;	Date;
TR-PLS-EG-000M	Assembly Drawing	23.06.2025
TR-PLS-EG-0001	PC Housing	08.07.2024
TR-PLS-EG-0002	PC Diffuser	08.07.2024
TR-PLS-EG-0003	Metal PCB Sheet	08.07.2024
TR-PLS-EG-0004	Largo G2 Gasket	24.12.2024

For the validity of analysis type certificate, the parts that are used in Largo G2 type LED luminaires explosion proof light is determined in confirmed in the component and part list table 1-2-3 date 02.06.2025.

**Responsible Person:**

Nurettin Terzioğlu  
Head of Certification Body

**Date of Issue: 09.07.2025**



IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi

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