

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 18 ATEX 0597**(4) Equipment: **Largo Type , Exproof Luminaries**(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.10-1281 date 28.05.2018.


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

EN 60079-0:2013, EN 60079-15:2010, 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 nR IIC T6 Gc**
II 3D Ex tc IIIC T 80° C Dc**Responsible Person:**Nurettin Terzioglu
Head of Certification Body**Date of Issue: 31.05.2018**



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(13) Schedule

(14) Certificate Nr: **IEP 18 ATEX 0597**

(15) Description of Equipment;

Largo Type , Exproof Luminaries are designed to be used against harsh weather conditions. Largo Type , Exproof Luminaries can be used in zone 2 and zone 22 electric devices and can be used in IIC gas group and IIC dust group. There are related explanations in the product manual. Installation must conform to the appropriate manual. Led driver protection IP 67. Luminaries have been evaluated in the contents of IP 65. Largo type Luminaries can be used at Zone 2 and Zone 22, defined at the EN 60079-10-1 and 60079-10-2 standards.

Technical Specifications;

Types	Power (W)	Length (cm)	Frequency (Hz)	Supply Voltage (V AC)	IP Protection Class
Largo Fluorescent	2x18W	60	50 / 60	220 - 240	IP 65
Largo Fluorescent	2x36W	120			
Largo LED	25W	60			
Largo LED	45W	120			

(17) Essential Health and Safety Requirements:

17.1 This certificate is in the contents of standards that mentioned in item [9]. It has been accepted that Largo Type, Exproof Luminaries are manufactured according to the producer instructions and the standards mentioned above.

17.2 Information of mounting instruction manual of Largo Type , Exproof Luminaries have been approved 1 page and date 2018.

(18) List of Documentation :

- Largo Type , Exproof Luminaries user manual [1 page, dated 2018]
- IP Test Report / Reports No: 1805100850 - 1805100852 / 25.05.2018
- Drawings:

Drawing Nr;	Drawing Name;	Date;
018-007-00	Assembly Drawing	13.03.2018
018-007-01	Glass	13.03.2018
018-007-02	Body	13.03.2018
018-007-03	Cover	13.03.2018

For the validity of analysis type certificate, the parts that are used Largo Type , Exproof Luminaries, are determined in confirmed in the list of equipment page 1, dated 2018.

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

Date of Issue: 31.05.2018

