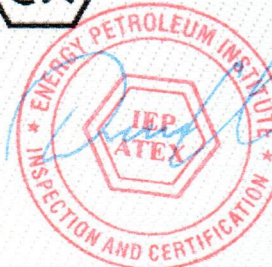


**Supplement Nr: 01****Type Examination Certificate**

(1)

**(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.10-1281-1 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 T6 Gc  
II 3D Ex tc IIIC T 80° C Dc****Responsible Person:****Nurettin Terzioglu  
Head of Certification Body****Supplement 1 Date of Issue : 08.10.2021**



# IEP ENERGY PETROLEUM INSTITUTE

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

(14) 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)	Optional	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	10 ~ 25W	60	Emergency			
Largo LED	20 ~ 45W	120	Emergency			
Largo LED Tube	1x...9W 2x...9W	60	-			
Largo LED Tube	1x...18W 2x...18W	120	-			

Ambient Temperature: ( - 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 Largo Type, Exproof Luminaries are manufactured according to the producer instructions and the standards mentioned above. Information of mounting instruction manual of Largo Type , Exproof Luminaries have been approved 1 page and date 2021.

(16) List of Documentation :

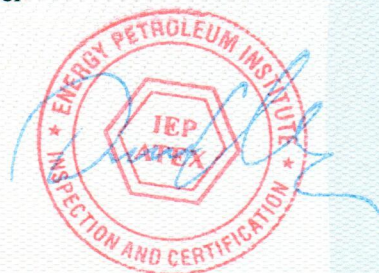
- ♦ Largo Type , Exproof Luminaries user manual [1 page, dated 2021]
- ♦ IP Test Report / Reports No: 1805100850 - 1805100852, Date 25.05.2018
- ♦ Add Test Report / Reports No: 2106100593 - 2106100594 - 2106100601, Date 23.07.2021

(17) Drawings :

Drawing Nr;	Drawing Name;	Date;
018-007-00	Assembly Drawing	13.03.2018
018-007-00/1	Largo LED 45W Assembly	13.03.2018
018-007-00/2	Largo LED 25W Glass	15.03.2018
018-007-01/1	Largo LED 45W Glass	13.03.2018
018-007-00/2	Largo LED 25W Assembly	15.03.2018
018-007-02	Largo LED 45W Body	13.03.2018
018-007-03/1	Largo LED 45W Driver Sheet Metal	13.03.2018
018-007-03/2	Largo LED 25W Body	15.03.2018
018-007-01	Glass	13.03.2018
018-007-02	Body	13.03.2018
018-007-03	Cover	13.03.2018

**Responsible Person:**

Nurettin Terzioglu  
Head of Certification Body



IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi  
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(18) Certificate Nr: **IEP 18 ATEX 0597**

(19) Drawings :

Drawing Nr;	Drawing Name;	Date;
018-008-00	Largo 2x36 Assembly	14.03.2018
018-008-01	Largo 2x36 Glass Cover	14.03.2018
018-008-02	Largo 2x36 Inner Cover	14.03.2018
018-008-03	Largo 2x36 Body	13.03.2018
018-009-00	Largo 2x18 Assembly	14.03.2018
018-009-01	Largo 2x18 Cover	14.03.2018
018-009-02	Largo 2x18 Inner Cover	14.03.2018
018-009-03	Largo 2x18 Body	16.03.2018

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 2021.

## Certificate History:

Supplement Nr	Issue Date	Summary Description of Variation
01	08.10.2021	Scope Addition and Standard Revision EN IEC 60079-0:2018, Ex Code Revision
00	31.05.2018	First issue of certificate

## Responsible Person:

Nurettin Terzioglu  
Head of Certification Body



Supplement 1 Date of Issue : 08.10.2021