

(1) **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 25 ATEX 1794X**

(4) Equipment: **Inoaled G3 (High Bay, Waterproof, and Floodlight Wallwasher) Luminaire Series**

(5) Firm Name: **PELSAN AYDINLATMA SANAYİ TİCARET ANONİM ŞİRKETİ.**

(6) Firm Address: **Bankalar Cad. Emekyemez Mah. Yanıkkapı Porsuk Sok. No:11 Karaköy, İstanbul**

(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.10-3584 date 23.12.2025.

(9) 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

(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 T4 Gc
II 3D Ex tc IIIC T135°C Dc

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



Date of Issue: 26.12.2025



IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule / Certificate Nr: **IEP 25 ATEX 1794X**

(14) Description of Equipment: INOVALED G3 (High Bay, Waterproof, and Floodlight Wallwasher) luminaire series comprises a 1060 alloy mat anodized aluminum profile body and ETIAL 160 (46100) alloy aluminum side covers. The light-transmitting part is protected by 4mm thick tempered glass with IK09 impact resistance. To ensure Restricted Breathing (Ex nR) and dust-tight (Ex tc) protection across all configurations, a sealing system consisting of high-temperature resistant 50-55 Shore silicone gaskets is utilized between the housing components and the glass, achieving a minimum ingress protection rating of IP66. The internal electrical system consists of Lumileds Luxeon series LED modules and constant current drivers, such as the Lifud LF-FMR series. The thermal management design limits the maximum surface temperature to T4 (135°C) for gas and dust atmospheres. External electrical connection is provided via H07RN-F cables. Inovaled G3 (High Bay, Waterproof, and Floodlight Wallwasher) luminaire series can be used at Zone 2 and Zone 22, defined at the EN 60079-10-1 and 60079-10-2 standard. Luminaires have been evaluated in the contents of IP 66 according to the EN 60529 standard.

Technical Specifications:

Types	Power (W)	Length (cm)	Supply Voltage (VAC)	IP Degree	Frequency (Hz)	Ambient Temperature (°C)	Optional
Inovaled G3 High Bay							Emergency, DALI, 1-10V, STEP DIM, 24V DC, Microwave Sensor, Emergency Exit Sign
Inovaled G3 Waterproof	8 ~ 150	30 ~ 150	220-240	IP66	50/60	-20°C ~ +50°C	
Inovaled G3 Floodlight Wallwasher							

(15) List of Documentations;

- Operation and Installation Manual: 4 pages, dated 15.12.2025
- Equipment List: 4 pages, dated 15.12.2025

(16) Drawings:

Drawing Nr;

- 332389 INOVALED G3 Tempered Glass
- 333650 INOVALED G3 Aluminum Housing Profile
- 332402 INOVALED G3 Aluminum Side Cover
- 333652 INOVALED G3 Aluminum Side Cover (Plain)
- 333651 INOVALED G3 Aluminum Glass Frame Profile
- 332393 INOVALED G3 Glass Gasket (Silicone Shore 50-55)
- 333644 INOVALED G3 Connection Group / Assembly

Drawing Date;

- 29.08.2019
- 15.12.2025
- 15.12.2025
- 15.12.2025
- 15.12.2025
- 15.12.2025
- 15.12.2025

(17) Special Conditions for Safe Use: The cross section of cable used for main earth connection must be at least 4 mm². X Means (IEP 25 ATEX 1794X): Installation and periodic maintenance should be done by an authorized person or company according to the user manual and the standard. For the validity of analysis type certificate, the parts that are used Inovaled G3 (High Bay, Waterproof, and Floodlight Wallwasher) Luminaire Series are determined in confirmed in the list of equipment 4 pages, dated 15.12.2025

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

Date of Issue: 26.12.2025



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

Meriç Mah. 5746/1 Sok. No:9/2 Bornova - İzmir / TÜRKİYE Tel: +90 232 431 1745 (pbx) e-mail: iep@iep.com.tr Fr: 45

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