

(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 1739X**

(4) Product: **Sia G2 , Nairo G2 , Piroliz G2 Type Led Flood Lights**

(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.10-3468 date 06.11.2025.

(10) 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

(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 2G Ex eb mb IIC Tx Gb
II 2D Ex tb IIC T(x °C) Db , IP 66**

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



Date of Issue: 07.11.2025





IEP ENERGY PETROLEUM INSTITUTE

(14) Schedule / Certificate Nr: **IEP 25 ATEX 1739X**

(15) Description of Equipment:

LED Flood Lights are designed for use in flammable and explosive environments Sia G2 , Nairo G2 , Piroliz G2 Type Led Flood Lights have been evaluated within the scope of IP 66. The LED modules are encapsulated, and both the driver and terminal block are ATEX certified. Sia G2 , Nairo G2 , Piroliz G2 Type Led Flood Lights used as Zone 1, 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)	Frequency (Hz)	Voltage (VAC)	IP Protection Class	Optional
Sia G2 Nairo G2 Piroliz G2	50~200	50 / 60	220 - 240	IP 66	Emergency, DALI, 1-10V, STEP DIM, 24V DC, Microwave Sensor

Tamb (-20°C to +40°C)		Tamb (-20°C to +50°C)	
Tx °C Gas		Tx °C Gas	
50 ~ 125 W	126 ~ 200 W	50 ~ 125 W	126 ~ 200 W
T6	T5	T5	T4
Tx °C Dust		Tx °C Dust	
50 ~ 125 W	126 ~ 200 W	50 ~ 125 W	126 ~ 200 W
T85°C	T100°C	T100°C	T120°C

(IEP 25 ATEX 1739X) 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 Sia G2 , Nairo G2 , Piroliz G2 Type Led Flood Lights have to be observed manufacturer's manual 6 pages dated 01.08.2025.

For the validity of analysis type certificate, the parts that are used in Sia G2 , Nairo G2 , Piroliz G2 Type Led Flood Lights explosion proof light is determined in confirmed in the component and part list 3 pages, dated 01.08.2025.

Responsible Person:
Nurettin Terzioglu
Head of Certification Body

Date of Issue: 07.11.2025



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 17 45 e-mail: iep@iep.com.tr Fr:45

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