IEP ENERGY PETROLEUM INSTITUTE

IEP ATEX

(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 24 ATEX 1474X**

(4) Product: **EVFT X1 X2 X3 Type Luminaire**

(5) Firm Name: **DÜNYAEKS ELEKTRİK MAK. MÜH. SANAYİ VE TİCARET LİMİTED ŞİRKETİ**

(6) Firm Address: **Mahmutpaşa Mah. Mahmutpaşa Cad. Kardelen Sok. No: 93/D Başiskele / İzmit / KOCAELİ /TÜRKİYE**

(7) This product 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., 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. Ex.RP.10-2959 date 26.08.2024.

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

EN IEC 60079-0:2018 , EN 60079-1:2014 , 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 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.

(12) The marking of the equipment or protective system shall include the following:

Ex

II 2G Ex db IIB T6 Gb
II 2D Ex tb IIIC T 85 °C Db, IP 66

ENERGY PETROLEUM INSTITUTE
IEP ATEX
NB 2284
INSPECTION AND CERTIFICATION

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

Date of Issue: 29.08.2024

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(13) Schedule

(14) Certificate Nr: **IEP 24 ATEX 1474X**

(15) Equipment Description: EVFT X1 X2 X3 type luminaire are designed to be used with flammables and explosives. The luminaire is made of aluminum casting. Two types of bulbs (LED and Fluorescent) are used in the luminaire. Cable gland diameters are PG9, PG11, PG13.5, PG16, PG21, M20, M25, M30, M35,¾" G,½ " G,¼ " G,¾ " NPT,½ " NPT.,¼ " NPT. EVFT X1 X2 X3 type luminaire are used in the Zone 1, Zone 21 danger areas recorded in EN 60079-10-1 and EN 60079-10-2 standards.

Product Coding System:

		X1 Number of Lamp	X2 Power/Watt (W)	X3 Lighting Type
TYPES	**EVFT X1X2X3**	**1:**1 Lamp	**18:**18 W	**L:** Led
		2:2 Lamp	**36:**36 W	**F:** Fluorescent
			58:58 W	

Technical Parameters:

Voltage	220 / 230 VAC
Degree of Protection (Housing)	IP66
Ambient Temperature	-20°C to +50°C
Frequency	50 Hz

(16) Essential Health and Safety Requirements: Are included in standards, which are mentioned in clause (9) 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 EVFT X1 X2 X3 type luminaires must be observed manufacturer's manual 5 page dated 03.01.2024.

(17) Drawings:

Drawing name	Drawing Nr	Date	Revision
EVFT Luminaire Component Picture	16.07.00	16.09.2017	00
EVFT Assembly Dimension Technical Drawing	16.07.01	16.09.2017	00
EVFT Body Technical Drawing	16.07.02	16.09.2017	00
EVFT Bottom Cover Technical Drawing	16.07.03	16.09.2017	00
EVFT Top Cover Technical Drawing	16.07.04	16.09.2017	00
EVFT Glass Technical Drawing	16.07.05	16.09.2017	00
EVFT Shaft Technical Drawing	16.07.06	16.09.2017	00
EVFT Reflector Technical Drawing	16.07.07	16.09.2017	00
EVFT O-ring Technical Drawing	16.07.08	16.09.2017	00

For the validity of analysis type certificate, the parts that are used in EVFT X1 X2 X3 type luminaires explosion proof is determined in confirmed in the component and part list table 1-2-3 date 16.06.2024.

Responsible Person:
Nurettin Terzioglu
Head of Certification Body

Date of Issue: 29.08.2024

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