IEP | ENERGY PETROLEUM INSTITUTE

IEP ATEX

(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 20 ATEX 0848**

(4) Equipment: **LED Zeus Type , Led Lighting Fixtures**

(5) Firm Name: **RELCO S.R.L.**

(6) Firm Address: **Via delle Azalee 6/A - 20090 Buccinasco (MI) – ITALY**

(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.10-1749 date 28.09.2020.

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

EN IEC 60079-0:2018, 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 T4 Gc
II 3D Ex tc IIIC T 135 ^{0}C Dc , IP66

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

Date of Issue: 29.09.2020

ENERGY PETROLEUM INSTITUTE * INSPECTION AND CERTIFICATION * IEP ATEX

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(13) Schedule

(14) Certificate Nr: **IEP 20 ATEX 0848**

(15) Description of Equipment:

Led Zeus type , led lighting fixtures can be used in zone 2 and zone 22 electric devices and can be used in IIC gas group and IIIC 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 66. Zeus type , led lighting fixtures 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)	Frequency (Hz)	Supply Voltage (V AC)	IP Protection Class
LED Zeus	75 W	50 - 60 Hz	220 - 240 V	IP 66
	110 W			
	140 W			
	175 W			
	210 W			
Usage: Bracket, Hook, Grid				
Ambient Temperature : -20 ~ +55 °C				

(16) Essential Health and Safety Requirements:

16.1 This certificate is in the contents of standards that mentioned in item [9]. It has been accepted that Zeus type , led lighting fixtures are manufactured according to the producer instructions and the standards mentioned above.

16.2 Information of mounting instruction manual of Led Zeus type , led lighting fixtures have been approved 2 page and date 07.2020.

(17) List of Documentation :

- Led Zeus type , led lighting fixtures user manual [2 page, dated 07.2020]
- IP Test Report / Reports No: 20041020306 / 04.05.2020
- Drawings: 6 pages, date 2016.

For the validity of analysis type certificate, the parts that are used Led Zeus type , led lighting fixtures are determined in confirmed in the list of equipment page 1, dated 07.2020.

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

Date of Issue: 29.09.2020

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