

# TYPE-EXAMINATION CERTIFICATE

1. Type-examination Certificate (Module A)
2. Equipment or Protective System intended for use in potentially explosive atmospheres (Directive 2014/34/EU)



3. Type examination certificate Nr **ITS-I22ATEX29411X R.2**

4. **Product:** LED Flood Light

5. **Manufacturer:** Dialight Corporation

**Applicant:** Dialight Corporation

6. **Address:** 1501 Route 34 South  
Farmingdale, New Jersey 07727  
USA

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7. This product and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.
8. INTERTEK ITALIA S.p.A., certifies that the equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective system intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

The examination and tests results are recorded in confidential technical evaluation Intertek Report Nr. 104546439CRT-002, 105065790CRT-002 and 105201952CRT-002.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN IEC 60079-0:2018 and EN IEC 60079-7:2015/A1:2018 except in respect of those requirements referred to at item 16 of the Schedule
10. If the sign X is placed after the certificate number, it indicates that the product is subject to Special Conditions for Safe Use specified in the schedule to this certificate.
11. This Type Examination Certificate relates only to the design and construction of the specified product. 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 product shall include the following:



II 3 G  
Ex ec IIC T4 Gc  
-40°C ≤ Ta ≤ +65°C

9 November 2022

**Certificate issue date**



**Kevin J. Wolf**  
Certification Officer  
Intertek Italia S.p.A.



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

**Intertek Italia S.p.A.** Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Italy



## SCHEDULE

**TYPE EXAMINATION CERTIFICATE NUMBER: ITS-I22ATEX29411X R.2**

### 13. DESCRIPTION OF THE EQUIPMENT OR PROTECTIVE SYSTEM

LED Floodlight Models F1B7\*\*2\*D[E,F]\*\*N, F2B7\*\*2\*D[E,F]\*\*N for use in Group IIC, Zone 2 locations.

Production Sites:

1. DIALIGHT DE MEXICO, S.R.L. DE C.V. – (Plant 1) C. Lirios S/N, Col. Carlos Pacheco, Ensenada Baja California 22830, Mexico
2. Dialight Corporation Penang Sdn Bhd – 1666, Lorong Perusahaan Maju 8, Pulau Pinang 13600 Perai, Malaysia

### 14. DRAWINGS AND DOCUMENTS

TITLE	DOCUMENT Nr	LEVEL	DATE
FLM Flood Light: ATEX Zone 2, 21, 22	8854FLM000100	C	--
ProSite Floodlight for ATEX/IECEx Zone 2	9100FLM000903	C	--

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.

### 15. SPECIFIC CONDITIONS OF USE

The instructions shall provide guidance for the user to minimize the risk from electrostatic discharge. Where practicable, the equipment shall also be marked with the electrostatic charge warning.

Specific Conditions of Use include:

- Control of environmental humidity to minimize the generation of static electricity.
- Protection from direct airflow causing a charge transfer.
- Touch with an insulating object.
- Means to continuously drain off electrostatic charges.

### 16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant Essential Health and Safety Requirements have been identified and assessed in Intertek Report Nr. 104546439CRT-002 Revision 0 Dated 6 January 2022.

### 17. ROUTINE (FACTORY) TESTS

Dielectric Strength Test (EN IEC 60079-7:2015/A1:2018 Clause 6.1):

- Test voltage shall be  $(1000 + 2U)$  V r.m.s. or 1500 V r.m.s., whichever is greater, where U is the working voltage.

### 18. DETAIL OF CERTIFICATE CHANGES

#### R.1 (25 May 2022)

- Updated drawing 8854FLM000100 from revision B to revision C.
- Updated drawing 9100FLM000903 from revision B to revision C.

#### R.2 (7 October 2022)

- Added Manufacturing locations Dialight de Mexico S. De R.L. De C.V. & Dialight Penang SDN BHD.