



Type Examination Certificate CML 23ATEX4028X Issue 0

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **SLED Lighting Fixtures**
- 3 Manufacturer **Cortem Group**
- 4 Address **Via Aquileia 10,
34070 Villesse, (Go),
Italy**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V., Chamber of Commerce No 67386717, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II of Directive 2014/34/EU.
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Annex VIII apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:
EN IEC 60079-0:2018 EN IEC 60079-15:2019 EN 60079-31:2014
- 10 The equipment shall be marked with the following:



II 3GD

Ex nR IIC T.. °C Gc

Ex tc IIIC T.. °C Dc IP66

Ta = -60°C to +60°C



This certificate shall only be copied in its entirety and without change

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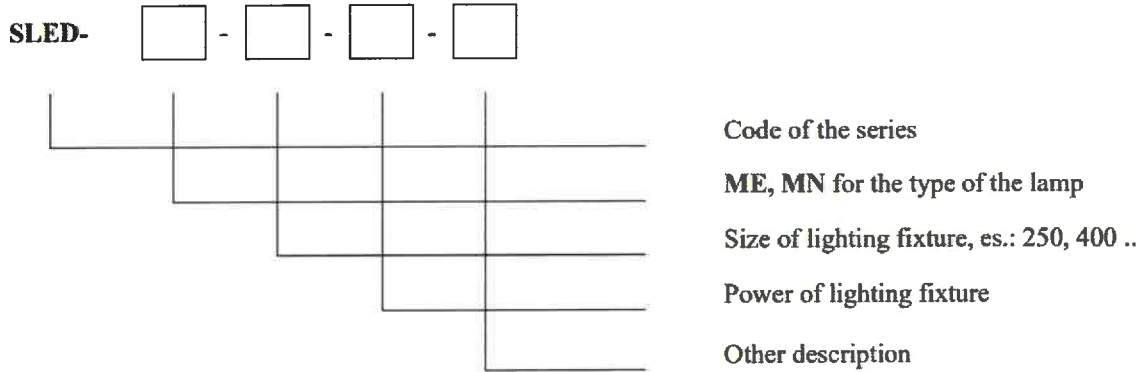
H M Amos
Certification Officer



CML 23ATEX4028X
Issue 0

11 Description

The Lighting Fixtures SLED wide area flood light series is suitable for use in outdoor and indoor hazardous areas, where inflammable or explosive vapours, gases or dusts are present.



12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	30/03/2023	R15769B/00	Issue of prime certification

Note: Drawings that describe the equipment or component are listed in the Annex.

13 Conditions of Manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

- i. Where the product incorporates certified parts or safety critical components, the manufacturer of the product defined on this certificate shall continually monitor these parts/components for any modifications introduced by the manufacturer(s) of these constituent parts. If the manufacturer of any constituent part introduces any changes which affect the compliance of the certified product that is the subject of this certificate, the manufacturer is required to have this certificate updated.
- ii. Each unit shall be subjected to a routine dielectric strength test in accordance with the requirements of EN 60079-15:2019 / IEC 60079-15:2015 Ed 5 Clause 6.2. The test shall be conducted at a voltage of at least 1500 V for at least 60 seconds. There shall be no breakdown or flashover observed as a result of the test.
- iii. Separately certified Ex-Component terminals shall be installed in accordance with the manufacturer's instructions. The creepage and clearance distances shall be in accordance with IEC 60079-15. Any unused terminals shall be tightened.
- iv. A routine restricted breathing test as per Clause 12.2.2 of EN IEC 60079-15. Equipment with a test port where the volume of the enclosure will be unchanged due to pressure.

14 Specific Conditions of Use (Special Conditions)

None.

Certificate Annex

Certificate Number CML 23ATEX4028X
Equipment SLED Lighting Fixtures
Manufacturer Cortem Group



The following documents describe the equipment or component defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
A3-8095	1 of 4	0	30/03/2023	Lighting fixture series SLED assembly and external dimensions
A4-8157	1 to 4	0	30/03/2023	Technical Note

