



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: **Sira 07ATEX1059** Issue: **0**

4 Equipment: **A Type HDL117 Floodlight**

5 Applicant: **Hadar Lighting Limited**

6 Address: Ashington, Northumberland.
NE63 8UB
UK

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, 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 to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0: 2006

EN 60079-1: 2004

EN 60079-7: 2003

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



II 2G

Ex de IIB T3 150W, 250W, 120V to 240V

Ex de IIB T3 400W, 120V to 220V

or

Ex de IIB T2 400W 230V, 240V

Project Number 51A16427

C. Index 05

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D R Stubbings BA MIET
Certification Manager



SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 07ATEX1059
Issue 0

13 DESCRIPTION OF EQUIPMENT

The Type HDL117 Floodlight comprises a rectangular cast aluminium alloy lamp enclosure and cover, and an integral increased safety terminal enclosure at the rear. A potted and threaded cable feedthrough is provided in the wall between the two enclosures. The floodlight can be provided with a metal halide or high pressure sodium lamp of 150W, 250W or 400W. The lamp enclosure contains the associated control gear mounted behind the lamp reflector.

The floodlight is rated up to 240V

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report No.	Comment
0	11 October 2007	R51A16427B	Release of the prime certificate.

15 SPECIAL CONDITIONS FOR SAFE USE (denoted by X after the certificate number)

None

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17 CONDITIONS OF CERTIFICATION

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

Certificate Annexe



Certificate Number: Sira 07ATEX1059
Equipment: A Type HDL117 Floodlight
Applicant: Hadar Lighting Limited

Issue 0

Number	Sheet	Rev.	Date	Description
ALC0011	1 of 2	0	26 Apr 07	General Assembly
ALC0011	2 of 2	0	26 Apr 07	Parts List, Flamepath Details and Notes

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Sira Certification Service

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