

IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX SIR 07.0023** issue No.: **0** Certificate history:

Status: **Current**

Date of Issue: **2007-10-11** Page 1 of 3

Applicant: **Hadar Lighting limited**
Ashington,
Northumberland,
NE63 8UB
United Kingdom

Electrical Apparatus: **A Type HDL117 Floodlight**
Optional accessory:

Type of Protection: **Flameproof and Increased Safety**

Marking: **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

Approved for issue on behalf of the IECEx
Certification Body:

D R Stubbings BA MIET

Position:

Certification Manager

Signature:
(for printed version)

Date:

2007-10-11

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom

sira
CERTIFICATION



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Manufacturer: **Hadar Lighting limited**
Ashington,
Northumberland.
NE63 8UB
United Kingdom

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacture's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2003 Edition: 5	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

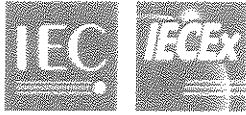
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

GB/SIR/ExTR07.0097/00

Quality Assessment Report:

GB/SIR/QAR06.0035/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

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.

CONDITIONS OF CERTIFICATION: NO