



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 06.0027** Issue No.: **0**

Status: **Current**

Date of Issue: **2006-11-13** Page **1** of **3**

Applicant: **Hadar Lighting Limited**
Factory 1
Jubilee Industrial Estate
Ashington
Northumberland NE63 8UG
United Kingdom

Electrical Apparatus: **HDL102 & HDL108 Recess Luminaires**
Optional accessory:

Type of Protection: **Increased safety, Encapsulation, Flameproof and Dust**

Marking: **For Full Marking see Annexe**

Approved for issue on behalf of the IECEx
Certification Body:

C Ellaby

Position:

Certification Officer

Signature:
(for printed version)

Date:

2006-11-13

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](http://www.iecex.com).

Certificate issued by:

SIRA Certification Service

Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom

sira
CERTIFICATION



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Manufacturer: **Hadar Lighting Limited**
Factory 1
Jubilee Industrial Estate
Ashington
Northumberland NE63 8UG
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 60079-18 : 2004 Edition: 2.0	Electrical apparatus for explosive gas atmospheres - Part 18: Construction, test and marking of type of protection encapsulation 'm' electrical apparatus
IEC 60079-7 : 2001 Edition: 3	Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety 'e'
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*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/ExTR06.0111/00](#)

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 recess luminaires are available in 2 x 58 W, 2 or 4 x 36 W or 2 or 4 x 18 W T8 lamp versions or a 2 x 18 W compact fluorescent version. The recess standard and emergency luminaires are designed for use with an electrical supply of either 110 V to 254 V a.c. 50/60 Hz, 110 V to 130 V a.c. 50/60 Hz or 220 to 254 V 50/60 Hz a.c. 50/60 Hz. The standard luminaire is also suitable for use with d.c. voltages.

For a Full Description and the Marking Details see the Annexe of this certificate.

CONDITIONS OF CERTIFICATION: NO