



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 ETL 13.0017 Issue No: 2 Certificate history:
Status: **Current** Page 1 of 5 Issue No. 2 (2017-03-31)
Date of Issue: **2017-03-31** Issue No. 1 (2016-10-28)
Applicant: **Dialight Corporation** Issue No. 0 (2013-09-20)
1501 Route 34 South
Farmingdale
New Jersey 07727
United States of America

Equipment: **A family of LED Street Lights - Refer to Annex 1 for model nomenclature.**
Optional accessory:

Type of Protection: **Ex nA non-arcing**

Marking:
Ex nA IIC T3 Gc
Tamb -40C - +74C
IECEX CERT: IECEx ETL13.0017

*Approved for issue on behalf of the IECEx
Certification Body:*

Kevin J. Wolf

Position:

Certification Officer

*Signature:
(for printed version)*

Date:

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:

Intertek
3933 US Route 11 South
Cortland NY 13045-2995
United States of America



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Manufacturer: **Dialight Corporation**
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Additional 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 manufacturer'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 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-15 : 2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:4

*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:

[US/ETL/ExTR13.0017/00](#) [US/ETL/ExTR13.0017/01](#) [US/ETL/ExTR13.0017/02](#)

Quality Assessment Report:

[GB/SIR/QAR11.0014/05](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The StreetSENSE is an outdoor LED luminaire intended for roadway and area illumination. The luminaire is intended to be permanently connected to the electrical supply source and installed in a permanently fixed location.

The luminaire has a cast aluminium enclosure, with modular lighting units where either 1, 2 or 3 lighting modules are provided.

The equipment uses permanently connected wiring with no plugs, sockets or normally make/break electrical connections. The cable entry to the terminal chamber shall be sealed with an IECEx approved cable gland that is suitable for the cable type used so that the minimum ingress protection level of IP54 is maintained.

See Annex 1 for manufacturer's documentation and model nomenclature.

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Marking and instruction manual were revised to change the format. No changes to the information in these documents were made that effect the certification of the equipment. No changes were made to the design of the equipment.



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Additional information:

Routine tests:

A dielectric withstand test as per Section 23.2.1 of IEC 60079-15: 2010 is to be conducted on each completed unit. The test voltage is to be: $(2 U + 1\,000\text{ V})$ rms, or 1 500 V rms, whichever is the greater.

Annex:

[Annex doc for IEC Ex C of C or TR Issue 1.pdf](#)



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Certificate No:	IEC Ex ETL 13.0017	Issue No. 1
Annex No. 2		

Manufacturer's documents

Drawings associated with Issue 0 of this certificate:

Title:	Drawing No.:	Rev. Level:	Date:
PRODUCT ID LABEL (1 page)	9100-HSL-0002-00	A	09-20-13
HAZARDOUS LOCATION STREET LIGHT "SLA" SERIES INSTALLATION INSTRUCTIONS (4 page)	9100127149899	Rev.B	April 2013
C1D2 STREET LIGHT (4 pages)	SLAxxxx	B	ECN 12581

Drawings below supplement previous drawings. Drawings associated with Issue 1 of this certificate:

Title:	Drawing No.:	Rev. Level:	Date:
PRODUCT ID LABEL (1 page)	9100-HSL-0002-00	A	09-20-13
HAZARDOUS LOCATION STREET LIGHT "SLA" SERIES INSTALLATION INSTRUCTIONS (4 page)	9100127149899	Rev.B	April 2013
C1D2 STREET LIGHT (4 pages)	SLAxxxx	B	ECN 12581

Model number breakdown: SLAWXYZG

Where:

W = Illumination Type		X = Color Temperature	
2	Type 2	C	CW
3	Type 3	D	CW
4	Type 4	N	NW
5	Type 5	W	WW
Y = Voltage		Z = Wattage	
4	100 – 277 VAC	B	43 W
5	100 – 277 VAC	C	65 W
7	347 – 480 VAC	D	83 W
		G	130 W
		I	165 W
		R	190 W
		S	252 W
		Z	83 W

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