

# Type Examination Certificate



1. **TYPE EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU**
3. **Supplementary Type Examination Certificate Number: ITS13ATEX47874 Issue 2**
4. **Product:** LED Luminaire
5. **Manufacturer:** Dialight Corporation Sanmina SCI Systems de Mexico
6. **Address:**

1501 Route 34 South	Carreera Guadalajara – Chapala Km. 15.5 No. 29
Farmingdale, NJ 08005	Tlajomulco de Zuñiga, Jalisco 45640;
USA	Mexico
7. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
8. Intertek Testing and Certification Limited, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of the products intended for use in potentially explosive atmospheres given in Annex II to the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.  
  
The examination and test results are recorded in confidential Intertek Reports 100941610CRT-009b through 100941610CRT-009f, dated September 19<sup>th</sup>, 2013 and Intertek Report 102965295CRT-002b dated March 31, 2017.
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2012 and EN 60079-15:2010 except in respect of those requirements referred to at item 16 of the Schedule.
10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
11. This Type Examination Certificate relates only to the design of the specified product and not to specific items subsequently manufactured.
12. The marking of the product shall include the following:-



II 3 G Ex nA T3 Gc

-40°C ≤ Ta ≤ +74°C

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**Kevin J. Wolf**  
**Certification Officer**  
**31 March 2017**



## SCHEDULE

**TYPE EXAMINATION CERTIFICATE NUMBER ITS13ATEX47874**

### 13. Description of the variation to the Equipment or Protective System

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.

The model number for the equipment follows the nomenclature below:

Model: SLAWXYZG

Where:

W= Illumination Type	
2	Type 2
3	Type 3
4	Type 4
5	Type 5

X - Color Temperature	
C	CW
D	CW
N	NW
W	WW

Y - Voltage	
4	100 - 277v AC
5	100 - 277v AC
7	347 - 480v AC

Z = Wattage	
C	65
D	83
H	131
L	165
R	190
S	252

### 14. Report Number

Intertek Reports 100941610CRT-009b through 100941610CRT-009f, dated September 19<sup>th</sup>, 2013 and Intertek Report 102965295CRT-002b dated March 31, 2017.

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## SCHEDULE

### SUPPLEMENTARY TYPE EXAMINATION CERTIFICATE NUMBER ITS13ATEX47874

#### 15. Conditions of Certification

- (a). Specific Conditions of Safe Use  
None
- (b). Conditions of Manufacture - Routine Tests
  - A dielectric withstand test as per Section 23.2.1 of EN 60079-15: 2010 is to be conducted on each completed unit.
    - i. Mains to earth: the test voltage is to be:  $(2 U + 1\,000\text{ V})$  rms, or 1 500 V rms, whichever is the greater.
    - ii. Secondary to earth: 500 Vrms

#### 16. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Intertek Reports 100941610CRT-009b through 100941610CRT-009f, dated September 19<sup>th</sup>, 2013 and Intertek Report 102965295CRT-002b dated March 31, 2017.

#### 17. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
PRODUCT ID LABEL	9100-HSL-0002-00	B	03-30-17
HAZARDOUS LOCATION STREET LIGHT "SLA" SERIES INSTALLATION INSTRUCTIONS (4 pages)	9100127149899	Rev.D	December 2015
C1D2 STREET LIGHT (4 pages)	SLAxxxx	B	ECN 12581

#### 18. Details of Certificate changes Issue 2

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.

This Certificate is the property of Intertek Testing and Certification Ltd and is subject to Intertek Testing and Certification's Conditions for Granting Certification

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.