

1 **TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
UKSI 2016:1107 (as amended)**

3 Type Examination Certificate Number: **BAS22UKEX0029X**

4 Product: **Eclipse II Junior LED - Wellglass Luminaire**

5 Manufacturer: **Chalmit Lighting**

6 Address: **388 Hillington Road, Glasgow, G52 4BL**

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

8 SGS Baseefa certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended).

The examination and test results are recorded in confidential Report No. **22(C)0121**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0: 2018 EN IEC 60079-7: 2015: +Amd1: 2018 EN 60079-31: 2014**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of 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 products subsequently manufactured.

12 The marking of the product shall include the following:

**⊕ II 3GD Ex ec IIC T\* Gc Ex tc IIIC T90°C Dc IP66 Tamb -40°C to +\*°C (\* = See Schedule)**

SGS Baseefa Customer Reference No. **0068**

Project File No. **22/0121**

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R S SINCLAIR  
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

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## Schedule

14

**Certificate Number BAS22UKEX0029X**

### 15 Description of Product

Eclipse Junior LED Luminaire comprises a circular aluminium alloy enclosure with a hinged rear cover and an internal thread to which is attached a wellglass diffuser. The enclosure contains a single PCB containing LEDs, and a driver circuit.

Silicone rubber gaskets are provided between the enclosure and cover and the enclosure and wellglass.

The luminaires are intended to be vertically or horizontally mounted. Options include wall and stanchion mounting and enclosed, dome and angled reflectors, and a wire guard.

The Eclipse Junior LED Luminaire is coded:

Ex ec IIC T\* Gc  
Ex tc IIIC T90°C Dc IP66  
Ta -40°C to + °C

Model Number	Watts	Hz	Volts	Amps	Temperature Classification Ta +40°C	Temperature Classification Ta +55°C
ECJN/05L/LE/**	42	50/60	110-277	0.1 - 0.5	T5	T4

### 16 Report Number

22(C)0121

### 17 Specific Conditions of Use

1. When the luminaire is fitted with a reflector:

WARNING: Electrostatic charging hazard, clean only with a damp cloth.

### 18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
13	LVD type requirements
14	Overloading of equipment (protection relays, etc.)
21(1)	External effects
21(2)	Aggressive substances, etc.

### 19 Drawings and Documents

Number	Sheet	Issue	Date	Description
H034717	1 & 2	01	24/02/22	General Assembly – Eclipse Junior LED Luminaire (including label)
Baseefa18ATEX0062X				
IECEX BAS 18.0043X				