



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	<b>IECEX BAS 18.0043X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 3	Issue 2 (2020-02-26)
Date of Issue:	2022-08-24		Issue 1 (2019-02-01)
Applicant:	<b>Chalmit Lighting</b> 388 Hillington Road Glasgow G52 4BL <b>United Kingdom</b>		Issue 0 (2018-07-02)
Equipment:	<b>Eclipse II Junior LED - Wellglass Luminaire</b>		
Optional accessory:			
Type of Protection:	<b>Increased Safety and Dust Ingress Protection by Enclosure</b>		
Marking:	<b>Ex ec IIC T* Gc</b> <b>Ex tc IIIC T90°C Dc IP66</b> <b>Tamb -40°C to +**°C</b> <b>(* = see schedule)</b>		

Approved for issue on behalf of the IECEx  
Certification Body:

**R S Sinclair**

Position:

**Technical Manager**

Signature:  
(for printed version)

Date:  
(for printed version)

24/8/2022

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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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**SGS Baseefa Limited**  
**Rockhead Business Park**  
**Staden Lane**  
**Buxton, Derbyshire, SK17 9RZ**  
**United Kingdom**





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Date of issue: 2022-08-24

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Manufacturer: **Chalmit Lighting**  
388 Hillington Road  
Glasgow  
G52 4BL  
**United Kingdom**

Manufacturing  
locations:

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 equipment 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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

This Certificate **does not** indicate compliance with 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 Reports:

[GB/BAS/ExTR18.0135/00](#)  
[GB/BAS/ExTR22.0035/00](#)

[GB/BAS/ExTR19.0032/00](#)

[GB/BAS/ExTR20.0041/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0027/10](#)



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Eclipse II Junior LED - Wellglass 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

Tamb -40°C to + \*°C

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

## SPECIFIC CONDITIONS OF USE: YES as shown below:

1. When the luminaire is fitted with a reflector:

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



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

### Variation 3.1

To add a new driver unit.

### Variation 3.2

To confirm that the equipment covered by this certificate has been reviewed against the requirements of IEC 60079-7: 2015; +Amd 1: 2017 in respect to the differences from IEC 60079-7: 2015. None of the differences in the standard affect this equipment.

ExTR: **GB/BAS/ExTR22.0035/00**

File Reference: **22/0121**