1 # TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU

3 Type Examination Certificate Number: **Baseefa18ATEX0062X – Issue 3**

3.1 In accordance with Article 41 of Directive 2014/34/EU, Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016**.**

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

5 Manufacturer: **Chalmit Lighting**

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

7 This re-issued certificate extends Type Examination Certificate No. Baseefa18ATEX0062X to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 SGS Fimko Oy certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products of Category 3 intended for use in potentially explosive atmospheres given in Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. **see certificate history**

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 equipment and not to specific items of equipment subsequently manufactured.

12 The marking of the product shall include the following:

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

SGS Fimko Oy Customer Reference No. **0068** Project File No. **22/0121**

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13 # Schedule

14 ## Certificate Number Baseefa18ATEX0062X – Issue 3

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 T90ºC Dc IP66
Ta -40ºC to + *ºC

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

16 Report Number

See certificate history

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
1.2.7	LVD type requirements
1.2.8	Overloading of equipment (protection relays, etc.)
1.4.1	External effects
1.4.2	Aggressive substances, etc.

19 Drawings and Documents

Updated drawings submitted for this issue of certificate:

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

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
H041645	1	-	07/02/18	LED Top copper Eclipse Junior PCB MHB
H042296	1	0	22/01/18	PCB Molex Connector
H042882	1 & 2	0	14/03/18	Pendant mount
H042883	1	0	12/03/18	Eclipse junior LED housing
H042884	1 & 2	0	14/03/18	Cast guard, VMGA17
H042885	1 & 2	0	04/11/16	MBB-3 wall bracket mount cover (as cast)
H042886	1 & 2	0	14/03/18	Pole mount adaptor plate
H042887	1	0	04/11/16	MBDA-4 Stanchion adaptor casting
H042888	1 & 2	0	01/11/16	MBX-2 Splice box as cast
H042929	1	0	26/06/18	VMPSD-17
H042930	1	0	21/05/18	VMPA-17 30 degree angle

Drawings now obsolete:

Number	Sheet	Issue	Date	Description
H038646	1	0	30/11/16	Schematic (LED driver)

These drawings are common to Baseefa18ATEX0062X and BAS22UKEX0029X

20 Certificate History

Certificate No.	Date	Comments
Baseefa18ATEX0062X	2 July 2018	The release of the prime certificate. The associated test and assessment against the requirements of IEC 60079-0 Edition 7, EN 60079-7: 2015 and EN 60079-31: 2014 is documented in Test Report No. GB/BAS/TR18.0135/00.
Baseefa18ATEX0062X/1	01 February 2019	To permit the use of an alternative LED option. This is documented in Test Report No. GB/BAS/ExTR19.0032/00
Baseefa18ATEX0062X/2	26 February 2020	To permit the use of an alternative 3000K LED option. This is documented in Test Report No. GB/BAS/ExTR20.0041/00
Baseefa18ATEX0062X Issue 3	22 August 2022	Variation 3.1: This issue of the certificate incorporates previously issued primary & supplementary certificates numbers 1 and 2 into one certificate and confirms the current design meets the requirements of the latest standards: EN IEC 60079-0: 2018 and EN IEC 60079-7: 2015: +Amd 1: 2018 None of the differences in the standards affect this equipment. EN 60079-31: 2014 remains unchanged. The marking remains unchanged with regard to the standards updates, see product description for Ex marking code. However, the label has been updated to account for the new UKEX certificate. Variation 3.2: To permit the use of a new LED driver unit. This is documented in Test Report No. GB/BAS/ExTR22.0035/00
For drawings applicable to each issue, see original of that issue.		