



(1) **Supplementary EU - Type Examination Certificate No.1**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 17 ATEX 0002X

(4) Product: **Flameproof luminaire type RLF LED A xxx xxxx xxL 2/5-2x xx xx**

(5) Manufacturer: **COOPER CROUSE HINDS GmbH**

(6) Address: **Neuer Weg Nord 49, 69412 Eberbach, Germany**

(7) This supplementary certificate extends EU - Type Examination Certificate No. FTZÚ 17 ATEX 0002X to apply to products 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) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, 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 Annex II to the Directive.

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

**EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-7:2015+A1:2018,
EN 60079-18+A1:2017, EN 60079-31:2014, EN 60079-28:2015**

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

(11) The marking of the product shall include the following:

 **II 2G Ex db eb mb op is IIC T4 Gb - see (15)
II 2D Ex tb op is IIIC T67°C Db**

(12) This certificate is valid till: **31.01.2026**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 21.09.2021

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**Physical-Technical Testing Institute
Ostrava - Radvanice**

(13) **Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 1
to FTZÚ 17 ATEX 0002X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus;
- Verification according to the new standard EN IEC 60079-0:2018
- Prolongation of certificate validity.

This supplementary certificate describes of using new version of LED module with marking BG4 as a basic used component, existing LED module with marking BG3 shall be used as alternative component.

Extension of the low Ambient temperature (-40°C) for variants – see clause (17).

The type marking was updated. Design and electrical parameters of luminaire were unchanged.

The luminaire is verified according to new standard EN IEC 60079-0:2018.

Ex marking of product:

Ex II 2G Ex db eb mb op is IIC T4 Gb – luminaire with off-load switch

Ex II 2G Ex eb mb op is IIC T4 Gb – luminaire without off-load switch

<u>Designation Code</u>	<u>RLF</u>	<u>LED</u>	<u>A</u>	<u>xxx</u>	<u>xxxx</u>	<u>xxL</u>	<u>2/5-2x</u>	<u>xx</u>	<u>xx</u>
Recessed Light fitting	_____	_____	_____	_____	_____	_____	_____	_____	_____
LED version	_____	_____	_____	_____	_____	_____	_____	_____	_____
600 = 703 mm	_____	_____	_____	_____	_____	_____	_____	_____	_____
1200 = 1303 mm	_____	_____	_____	_____	_____	_____	_____	_____	_____
= Standard	_____	_____	_____	_____	_____	_____	_____	_____	_____
LT = low Tamb (-40°C)	_____	_____	_____	_____	_____	_____	_____	_____	_____
N 1,5h = Emergency light version 1.5 h	_____	_____	_____	_____	_____	_____	_____	_____	_____
N 3,0h = Emergency light version 3.0 h	_____	_____	_____	_____	_____	_____	_____	_____	_____
3l = ~ 3300 lm	_____	_____	_____	_____	_____	_____	_____	_____	_____
7L = ~ 6700 lm	_____	_____	_____	_____	_____	_____	_____	_____	_____
13L = ~13000 lm	_____	_____	_____	_____	_____	_____	_____	_____	_____
2/5 = Through-wiring 5 pole	_____	_____	_____	_____	_____	_____	_____	_____	_____
2K = 2 sided threads for M 25 plastic	_____	_____	_____	_____	_____	_____	_____	_____	_____
2M = 2 sided threads for M 20 metal	_____	_____	_____	_____	_____	_____	_____	_____	_____
= without off-load switch	_____	_____	_____	_____	_____	_____	_____	_____	_____
SW = with off-load switch	_____	_____	_____	_____	_____	_____	_____	_____	_____
Color temperature	_____	_____	_____	_____	_____	_____	_____	_____	_____

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 21.09.2021

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 1
to FTZÚ 17 ATEX 0002X**

(16) Report Number: 17/0002/1

(17) Specific Conditions of Use:

1. Ambient temperature range:

- 20°C ≤ Ta ≤ +60°C RLF LED A 600 xxL 2/5-2x-2x
- 20°C ≤ Ta ≤ +55°C RLF LED A 1200 xxL 2/5-2x-2x
- 0°C ≤ Ta ≤ +40°C RLF LED A 600 N xxh xxL 2/5-2x-2x
- 0°C ≤ Ta ≤ +35°C RLF LED A 1200 N xxh xxL 2/5-2x-2x
- 40°C ≤ Ta ≤ +60°C RLF LED A 600 LT xxL 2/5-2x-2x
- 40°C ≤ Ta ≤ +55°C RLF LED A 1200 LT xxL 2/5-2x-2x

- 2. The luminaire is intended for fixed installation and must be labelled "Warning - potential danger of electrostatic charging".
- 3. The type luminaire without installed off-load switch must be labelled "Do not open when energized".

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

(19) Drawings and Documents:

Number	Issue	Sheets	Date	Description
4831	0	4	30.07.2021	Description
300 8000 2078 D/E	b	12	30.07.2021	Operating instruction
300 8000 2079 D/E	c	12	30.07.2021	Operating instruction
32286000255 PZ	C	1	30.07.2021	Type label drawing

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