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

Certificate No.: **IECEx DEK 13.0059**

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Certificate history:

Issue 4 (2020-06-22)
Issue 3 (2019-02-12)
Issue 2 (2017-05-09)
Issue 1 (2016-08-02)
Issue 0 (2014-04-29)

Status: **Current**

Issue No: 5

Date of Issue: 2023-12-19

Applicant: **R. Stahl Tranberg AS**
Strandsvingen 6
N-4032 Stavanger
Norway

Equipment: **Light Fixture for helidecks, Type ILED Circle-H**

Optional accessory:

Type of Protection: **“e” and “m”**

Marking: Ex eb mb IIB T4 Gb

Approved for issue on behalf of the IECEx Certification Body: **R. Schuller**

Position: **Certification Manager**

Signature: (for printed version)

Date: (for printed version) 2023-12-19

1. This certificate and schedule may only be reproduced in full.
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 or use of this QR Code.

Certificate issued by:

DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands

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Manufacturer: **R. Stahl Tranberg AS**
Strandsvingen 6
N-4032 Stavanger
Norway

Manufacturing locations: **R. Stahl Tranberg AS**
Strandsvingen 6
N-4032 Stavanger
Norway

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 60079-18:2017 Explosive atmospheres - Part 18: Protection by encapsulation "m"
Edition:4.1

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 Report:

NL/DEK/ExTR13.0061/05

Quality Assessment Report:

NO/NEM/QAR10.0006/11

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

Light Fixture for Helidecks, Type ILED Circle-H, is provided with 4 LEDs, each mounted on an aluminium PCB, covered by a transparent polycarbonate cover and two sockets for the electrical connections.

The Light Fixture shall be connected with dedicated cable assemblies, consisting of two plugs a power cable and communication cable in various lengths. This enables series connection.

Ambient temperature range: -30 °C to +55 °C.

The enclosure with the dedicated cable assemblies provides a degree of protection of at least IP67 per IEC 60079-0 and IEC 60529.

Electrical data

Power: 24 Vdc ±10 %, max. 10 A
Maximum consumption per Light Fixture 377 mA, 8 W
Communication: RS485
Maximum prospective short circuit current: 300 A

SPECIFIC CONDITIONS OF USE: NO

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
- Assessed per IEC 60079-0 Ed. 7, IEC 60079-7 Ed. 5.1 and IEC 60079-18 Ed. 4.1.
- Minor constructional changes