



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 KTL 20.0023X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2020-08-10

Applicant: **SUNIL ELECOMM CO., LTD.**
21-19, Jangsu-ro 342beon-gil, Jangsu-myeon, Yeongju-si
Gyeongsangbuk-do 36145
Korea, Republic of

Equipment: **Ceiling light, EXLEDC**n-***.* series**

Optional accessory:

Type of Protection: **Restricted breathing "nR", Optical radiation "op is"**

Marking: Ex nR op is IIC T6 Gc

Approved for issue on behalf of the IECEx
Certification Body:

Park, Jong-koo

Position:

Certification Manager

Signature:
(for printed version)

Date:

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:

Korea Testing Laboratory
87, Digital-ro, 26-gil, Guro-gu
Seoul
Korea, Republic of





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Page 2 of 3

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Gyeongsangbuk-do 36145
Korea, Republic of

Additional
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 60079-15:2017 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

IEC 60079-28:2015 Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
Edition:2

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:

[KR/KTL/ExTR20.0025/00](#)

Quality Assessment Report:

[KR/KTL/QAR18.0004/02](#)



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Page 3 of 3

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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Ceiling light, EXLEDC**n-*** series, comprise the enclosure employing LEDs and diffuser made from polycarbonate. The equipment provides IP66/67 in accordance with IEC 60529.

Ambient temperature

-35 °C ~ +55 °C

Electrical data

Lamp power: 20 W, 40 W

Rated voltage: (100 - 120) Vac or (200 - 240) Vac, (50/60) Hz

Model configuration

EXLEDC(aa)n-(b)(c)(d)-(e)

aa(wattage): 20(20 W), 40(40 W), 2L(20 W, 10 W x 2)

b(rated voltage): 1((200-240) Vac, 60 Hz), 2((100-110) Vac, 60 Hz), 4((200-240) Vac, 50 Hz), 5((100-110) Vac, 50 Hz)

c(entry type): G(1/2NPT), H(3/4NPT), M(M20), Q(M25)

d(the number of entries): 1(1 ea), 2(2 ea), 3(3 ea), 4(4 ea)

e(lens type): None, L(lamp wattage, 2L only)

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. POTENTIAL ELECTROSTATIC CHARGE-SEE INSTRUCTIONS
2. The test port is not provided and refer to the instructions.