



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx UL 18.0046

Issue No: 0

Certificate history:

[Issue No. 0 \(2018-10-24\)](#)

Status: **Current**

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Date of Issue: **2018-10-24**

Applicant: **Shenzhen CESP Co., Ltd.**
6th Fl Wangcheng Bldg.
Longhua St.
Longhua District
Shenzhen, Guangdong 518109
China

Equipment: **LED Surface-mounted Luminaires, CES-J200, CES-J100 and CES-J40s**

Optional accessory:

Type of Protection: **Increased Safety "ec"**

Marking:

Ex ec IIC T4 Gc

-40°C ≤ Tamb ≤ +40°C

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

Lucy Frieders

Position:

Staff Engineer

*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 the [Official IECEx Website](#).

Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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Manufacturer: **Shenzhen CESP Co., Ltd.**
6th Fl. Wangcheng Bldg.
Longhua St.
Longhua District
Shenzhen, Guangdong 518109
China

Additional Manufacturing location(s):

Shenzhen CESP Co., Ltd. (Dongguan Branch)

No. 273 Tangxia South Road
Fenghuanggang
Tangxia Town
Dongguan City, Guangdong
China

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 apparatus 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 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-7 : 2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

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

[US/UL/ExTR18.0054/00](#) [US/UL/ExTR18.0054/01](#)

Quality Assessment Report:

[CN/NEP/QAR18.0008/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

CES-J200, CES-J100 and CES-J40s series of luminaires are composed of Glass Diffuser, LED Module, Seal Ring, LED Housing with Diffuser Cover as a LED compartment, LED Driver, Power Seal Ring, Driver Housing with Bottom Cover as a LED Driver Compartment, and Connection Seal Ring between LED compartment and Driver compartment. The constructions of all housings including LED Housing and Driver Housing, Seal Rings and Glass Diffuser that fully enclosure of LED module and LED driver are evaluated for "ec" protection. All housings and covers are die-cast aluminum alloy, the diffuser is glass and secured to diffuser cover. There are two Seal Rings secured between the glass housing, driver housing respectively. The equipment is LED (light emitting diode) luminaire intended for surface-mounted installation.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: NO



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Additional information:

Annex:

[Annex to IECEX UL 18.0046 Issue 0.pdf](#)



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PARAMETERS RELATING TO THE SAFETY

CES-J200 series, rated 110~277 Vac, 50/60 Hz, 2.1 A;

CES-J100 series, rated 110~277 Vac, 50/60 Hz, 1.2 A;

CES-J40s series, rated 110~277 Vac, 50/60Hz, 0.43 A.

MARKING

Marking has to be readable and indelible; it has to include the following indications:

For IECEx:

<p>Manufacturer: Shenzhen CESP Co., Ltd Add.: 6th Fl. Wangcheng Bldg., Longhua St., Longhua District, Shenzhen, Guangdong, China Equipment: LED Luminaires Model No.: CES-J40S Serial No. XXXX Rated Current: 0.43A Input Volt: 110-277VAC -40°C ≤ T_{amb} ≤ +40°C Date Code: 2017-04-27</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">IECEx UL 18.0046</div> <div style="border: 1px solid black; padding: 2px;">Ex ec IIC T4 Gc</div> </div> <p style="text-align: center; font-size: small;">WARNING - THE LUMINAIRE SHALL NOT BE OPENED</p>	<p>Manufacturer: Shenzhen CESP Co., Ltd Add.: 6th Fl. Wangcheng Bldg., Longhua St., Longhua District, Shenzhen, Guangdong, China Equipment: LED Luminaires Model No.: CES-J100 Serial No. XXXX Rated Current: 1.2A Input Volt: 110-277VAC -40°C ≤ T_{amb} ≤ +40°C Date Code: 2017-04-27</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">IECEx UL 18.0046</div> <div style="border: 1px solid black; padding: 2px;">Ex ec IIC T4 Gc</div> </div> <p style="text-align: center; font-size: small;">WARNING - THE LUMINAIRE SHALL NOT BE OPENED</p>	<p>Manufacturer: Shenzhen CESP Co., Ltd Add.: 6th Fl. Wangcheng Bldg., Longhua St., Longhua District, Shenzhen, Guangdong, China Equipment: LED Luminaires Model No.: CES-J200 Serial No. XXXX Rated Current: 2.1A Input Volt: 110-277VAC -40°C ≤ T_{amb} ≤ +40°C Date Code: 2017-04-27</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">IECEx UL 18.0046</div> <div style="border: 1px solid black; padding: 2px;">Ex ec IIC T4 Gc</div> </div> <p style="text-align: center; font-size: small;">WARNING - THE LUMINAIRE SHALL NOT BE OPENED</p>
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