# CESP

# EXPLOSION PROOF LIGHTS FOR HAZARDOUS LOCATION

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## Division System (North American)

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- CES-L

## Zone System

- CES-J
- CES-SC
- CES-EX-GB
- CES-EX-LN
- CES-EX-CS
- CES-EX-LN-02P



# DIVISION SYSTEM (North American)
# Hazardous Location LED LUMINARIES



# CES-J Series

## Hazardous Location LED Flood Light

## Class I, Division 2, Groups A, B, C and D

- T-Class: T5/T6
- Damp and wet locations; IP67
- **Certificate No : E475887-UL-CUL**

Power: Max 40W (CES-J40s)
Max 105W CES-(J100)
Max 200W (CES-J200)

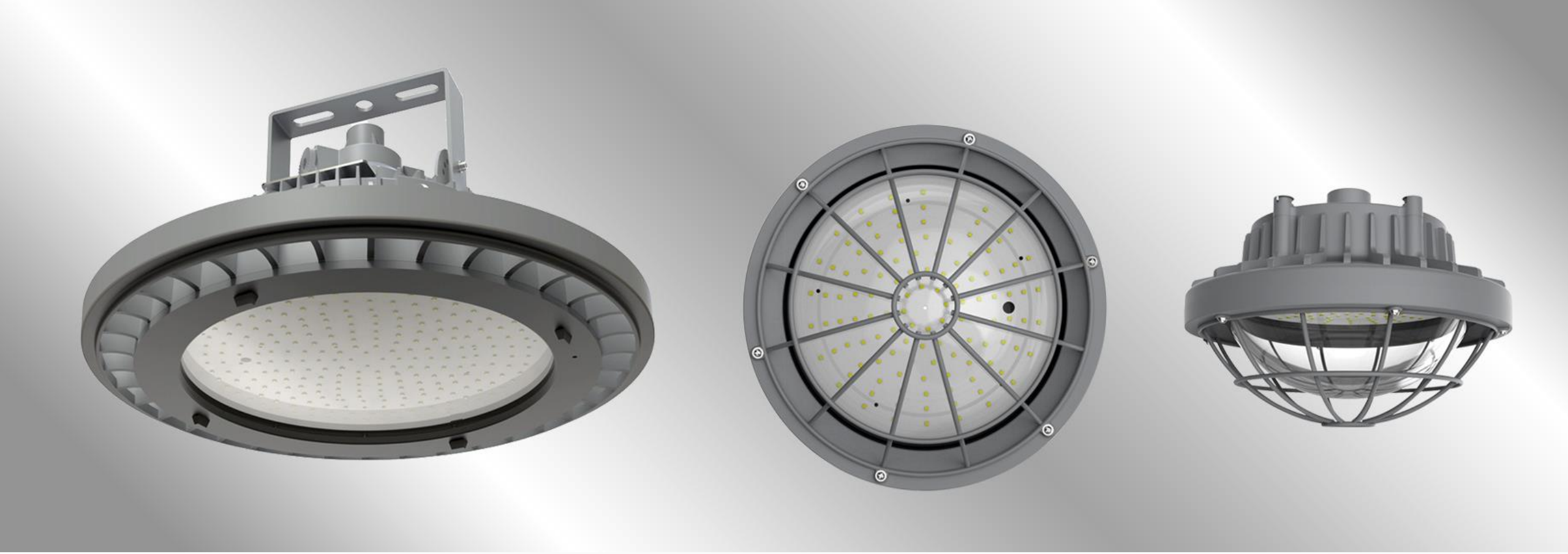


# CES-SC Series

## Hazardous Location LED Drop Light

Class I, Division 1, Groups B, C and D
Class II, Division 1, Groups E, F and G
Class I, Division 2, Groups B, C and D
Class II, Division 2, Groups F and G
Glass III
T-Class: T6/T80℃
Damp and wet locations; IP66
**Master Contract NO.: 300982-CSA-CUS**
**File: E500078-UL-CUL**
Power: 10W, 20W, 30W

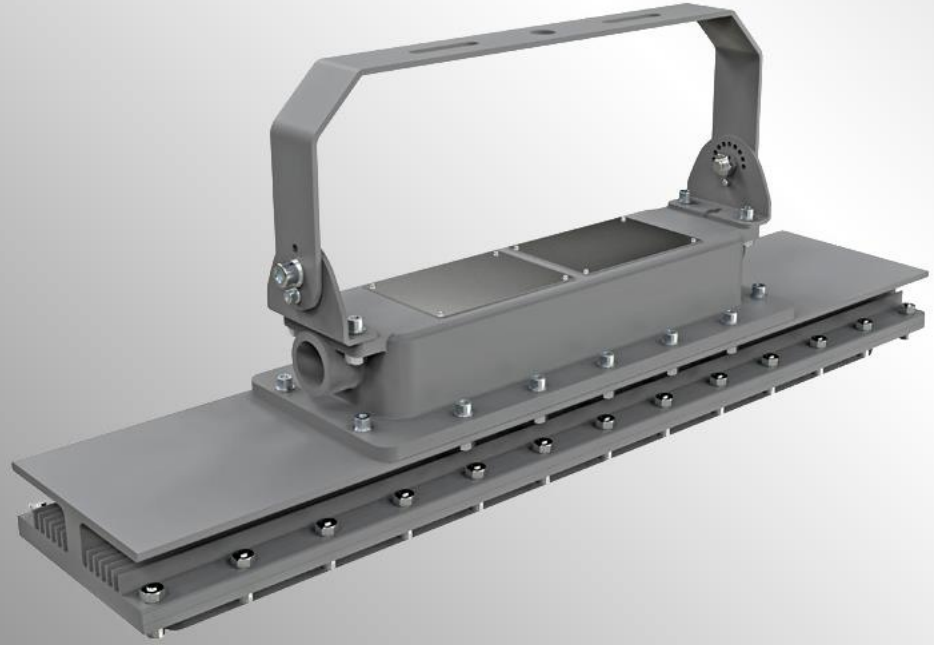
**Passed the multi-angle drop test.**
**Ergonomic design to ensure that the handle temperature is suitable for the hand.**
**The internal locking device can effectively prevent the cable from being pulled out.**

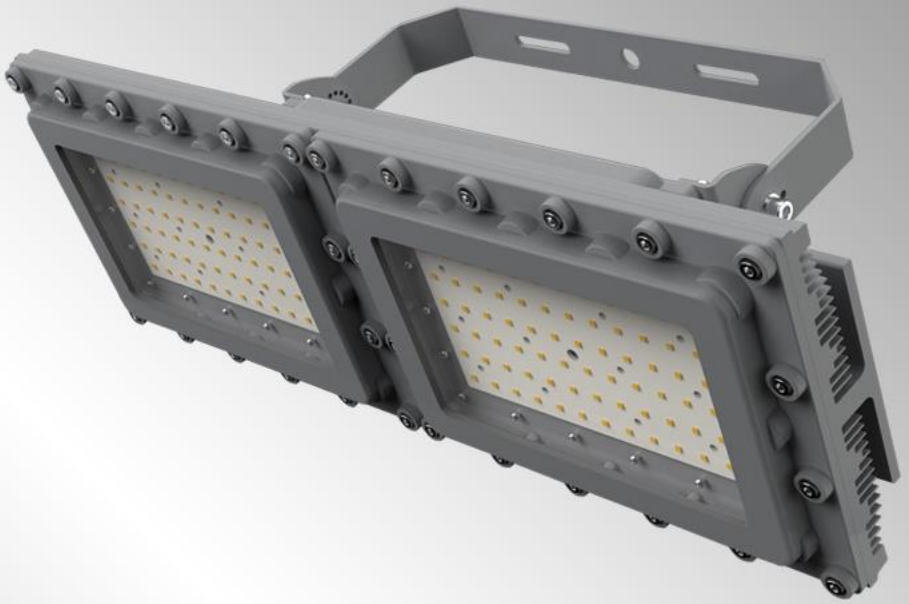


# CES-EX-GB-02 Series Hazardous Location LED High Bay Lights

## Class I, Division 2, Groups A, B, C and D;
## Class II, Division 2, Groups F and G;
## Class III

- T-Class: T3C/T4/T4A//T5/T6
- Damp and wet locations; IP67
- Power: 30W, 40W, 60W, 80W, 100W, 120W, 150W, 185W, 200W
- **Certificate No：E475887-UL-CUL**





# CES-EX-LN-02 Series Hazardous Location LED Linear Luminaires

## Class I, Division 2, Groups A, B, C and D;

Power: 60W, 50W, 40W(Single Chamber)  150W, 120W, 100W, 80W (Double Chamber)

- T-Class: T3C/T4A/T5
- Damp and wet locations; IP67
- **Certificate No**：**E475887-UL-CUL**



# CES-EX-LN-02N Series Hazardous Location LED Linear Luminaires

## Class I, Division 2, Groups A, B, C and D;

- T-Class: T6
- Damp and wet locations; IP67
- Certification NO.: E475887-UL-CUL
- Power: 24W, 30W, 36W (0.6M)  36W, 40W, 50W (1.2M)



# CES-EX-LN-02P Series Explosion Proof LED Linear Luminaires

## Class I, Division 2, Groups A, B, C and D;

- T-Class: T4A/T5/T6
- Damp and wet locations; IP66
- **Certificate NO.: E475887-UL-CUL**
- Power: 30W, 40W, 50W (0.6M)  40W, 50W, 60W, 65W, 75W (1.2M)

## PC lampshade, excellent anti-corrosion performance



# CES-L Series

## Explosion Proof LED Street Light

## Class I, Division 2 Groups A, B, C and D

- Damp and wet locations; IP67
- **Certificate No：E475887-UL-CUL**
- Power: max 80W



# ZONE SYSTEM
# EXPLOSION PROOF LED LUMINARIES



# CES-J Series

## Explosion Proof LED Flood Light
## Zone 1 & 21, Zone 2 & 22

**ATEX:**

- Ⓔx II 2G Ex eb mb op is IIC T4 Gb;
- Ⓔx II 2D Ex op is tb IIIC T95° C Db;
- Certificate No：IEP 19ATEX 0714

IP Grade: IP67

Power: 20W/30W/40W
60W/80W/100W/120W
150W/180W/200W



# CES-EX-SC Series

## Explosion Proof LED Portable Electric Hand Lamps Zone 1 & 21, Zone 2 & 22

**IECEx:**

- Ex db eb IIC T6 Gb;
- Ex tb IIIC T 80° C Db;
- **Certificate No: IECEx SEV 20.0003X-Eurofins**

**ATEX:**

- II 2G Ex db eb IIC T6 Gb;
- II 2D Ex tb IIIC T 80° C Db;
- **Certificate No: SEV 20 ATEX 0369 X-Eurofins**

IP Grade: IP66

Power: 10W, 20W, 30W

**Pass the multi-angle drop test;**
**Ergonomic design to ensure that the handle temperature is suitable for the hand;**
**The internal locking device can effectively prevent the cable from being pulled out;**



# CES-EX-GB Series

## Explosion Proof LED High Bay Light
## Zone 1 & 21, Zone 2 & 22

**IECEx:**

- Ex db op is IIC T4...T5...T6 Gb;
- Ex tb op is IIIC T103° C...T98° C ...T93° C Db;
- **Certificate No：IECEx SEV 19.0040X-Eurofins**

**ATEX:**

- II 2G Ex db op is IIC T4...T5...T6 Gb;
- II 2D Ex tb op is IIIC T103° C...T98° C ...T93° C Db;
- **Certificate No：SEV 19 ATEX 0334 X-Eurofins**

- IP Grade: IP67
- Power: 100W, 120W, 150W, 185W, 200W

## Tempered glass 10mm withstand impacts up to 10J



# CES-EX-LN Series Explosion Proof LED Linear Luminaires

## Zone 1 & 21, Zone 2 & 22

IP Grade: IP68  Power: 50W, 60W, 80W, 100W (0.6M)  120W, 150W, 185W, 200W, 240W (1.2M)

**IECEx:**

- Ex db op is IIC T5...T6 Gb;
- Ex tb op is IIIC T94° C...T89° C ...T84° C Db;
- **Certificate No：IECEx SEV 19.0039X-Eurofins**

**ATEX:**

- Ⓔx II 2G Ex db op is IIC T5…T6 Gb;
- Ⓔx II 2D Ex tb op is IIIC T94° C…T89° C …T84° C Db;
- **Certificate No：SEV 19 ATEX 0332 X-Eurofins**

## Tempered glass 10mm, withstand impacts up to 10J



# CES-EX-SF Series Explosion Proof LED Luminaires

## Zone 1 & 21, Zone 2 & 22

IP Grade: IP66. Power: 20W, 30W, 40W, 50W, 60W

**IECEx:**

- Ex eb mb IIC T4Gb;
- Ex tb IIIC T128℃ Db;
- **Certificate No: IECEx SEV 20.0013X-Eurofins;**

**ATEX:**

- II 2G Ex eb mb IIC T4Gb;
- II 2D Ex tb IIICT128℃ Db;
- **Certificate No: SEV 20 ATEX 0412X-Eurofins;**

## PC lampshade, excellent anti-corrosion performance



# CES-EX-LN-02P Series Replacement for explosion Proof Fluorescent Light

## Zone 1 & 21; Zone 2 & 22

- IP Grade: IP66
- **Certificate NO.:** Pending
- Power: 20W, 30W, 50W (0.3M)  20W, 30W, 40W, 50W (0.6M)
  40W, 50W, 60W, 70W (0.9M)  40W, 50W, 60W, 70W, 80W, 100W(1.2M)

## PC lampshade, excellent anti-corrosion performance




# Coming Soon…

# THANK YOU