

# Hazardous Location LED Drop Light



Date: \_\_\_\_\_ Location: \_\_\_\_\_

Product: \_\_\_\_\_ Project: \_\_\_\_\_

Quantity: \_\_\_\_\_ Catalog# \_\_\_\_\_

## FEATURES

- Meanwell LED Driver, >90% driver efficacy.
- Circuit design: 4KV/6KV Surge Protection power supply.
- LED: LM80 certified, high efficacy, low decay, long lifespan. 130lm/W ±5, up to 4200lm.

## SUITABLE APPLICATIONS

Wastewater treatment, oil and gas refineries, drilling rigs, offshore platforms, petrochemical facilities, chemical plants, coal mines, aviation bases, food plant, Pharmaceutical plant, beverage facilities, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present.



## Product description:

LED explosion-proof handlamp (explosion-proof lamp drop) can be used for powerful and accurate working lighting in hazardous positions, beam Angle 180° and 360°, using LM80 certified chips, 30 Watt explosion-proof LED lamp can produce 3900 lumen flux, meet your inspection work, suitable for Class I, Division 1, Groups B, C and D, Class II, Division 1, Groups E, F and G, Class I, Division 2, Groups A, B, C and D, Class II, Division 2, Groups F and G, used in Class III hazardous location. Explosion-proof LED work lamp body adopts ADC12 aluminum alloy + 10mm high strength tempered glass, equipped with low-carbon steel protection grating, WF2 corrosion resistance grade, IP66 protection grade, can withstand 7J pressure. It is very durable, resistant to corrosion and vibration. The temperature of LED lamps is much lower than that of incandescent or fluorescent lamps, eliminating the accidental burns of incandescent bulbs often encountered.

## Material

Hook: 316 stainless steel, Protective cage - Low-carbon steel. Lens: tempered glass, shock & vibration resistant, Super clear, >90% light transmit. Housing: Aluminum alloy, ADC12 (high pressure), powder coated. Handle part: aluminum alloy inside + rubber cover.

## WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

## PERFORMANCE

Model NO	Power Factor	Wattage	Voltage/Current Input		Light Efficiency	Kelvin Options
			120V	277V		
CES-SC20	0.9	20W	0.16A	0.072A	130LM/W	5000K

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## Electric Characteristic

Specification/Model	CES-SC20
LED DRIVER	High Efficiency LED driver
Input power	20W
Lumens output	2600LM
Efficiency	130LM/W
CRI	>72
Color Temperature	5000K
Input voltage	120-277V/AC
Light distribution type	180°/360°
Working temperature	-40+40°C
Junction temperature	<75°C
lamps efficiency	≥90%
Certificate	UL CUL DLC
Equivalent	40-100W MH/HPS

## PRODUCT ORDERING GUIDE

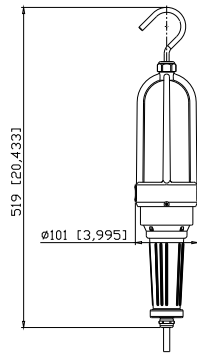
CES-SC20W  
1 2

CES - SC20W

CES Hazardous Location LED Drop Light

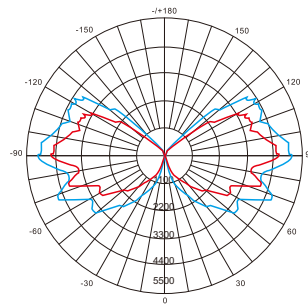
SC20W Power 20W

## DIMENSION



## DISTRIBUTION DIAGRAM

CES-SC20



AVERAGE BEAM ANGLE(50%): 272°

Test Number: CES-SC20  
Lumens: 2600LM  
Test Number: 20W  
Test Number: 5000K

UNIT: CD  
- C0/180,245.9  
- C30/210,295.5  
- C60/240,298  
- C90/270,248.4