Explosion protected for Zone 1, 2, 21 and 22:

Light fitting with high performance

The LPL high power LED Pendant is designed to use high power (10W- 30W) white COB LED array which can deliver longer life, high efficiency. The lighting system power is 60W - 150W to replace 70W-250W MH luminaries perfectly. Copper free aluminum housing, heat - and impactresistant glass globe, Ex d protection design, IP66 rate and innovated LED designed in, all the elements enhance the safety, energy efficiency and long life for this "Green" LED lighting.

Multiple applications

The LPL LED Pendant is suitable for Zone 1 & Zone 2 Exgas and Zone 21/22 Ex-dust hazardous area, such as heavy industrial, chemical, petrochemical or pharmaceutical facilities, platforms, shipyard, electric power, loading docks, wastewater treatment, paper mill.

Perfect temperature and optical performance for wide application

Best T - Rating: T6;

permissible ambient temperature for standard LED (6000K): 60 W/85 W/100 W:-35°C to +50°C;

125 W/150 W: -35°C to +40°C;

special colour temperature 3300K warm white product is also available for special environment, such as fog or

Standard U shape mounting bracket for ceiling and wall mounting is offered with lighting freely

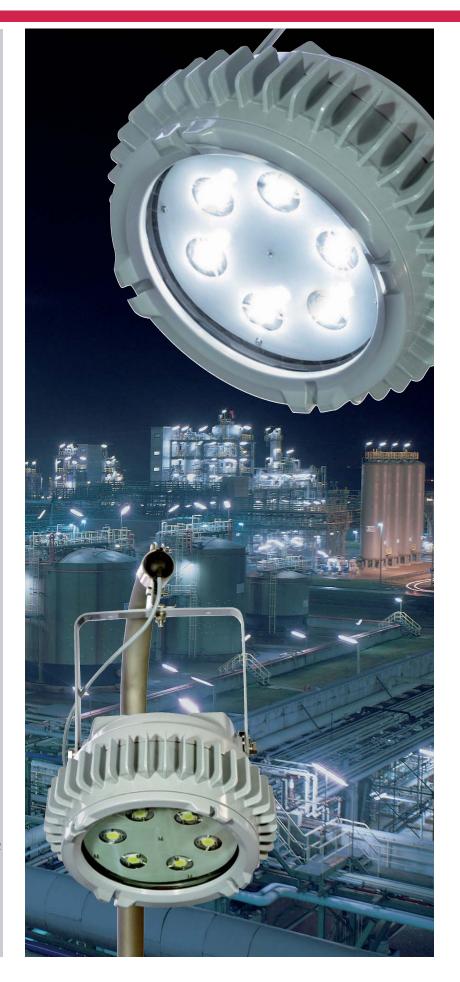
Pole mounting accessories is available, need to be purchased separately, please refer to drawing for detail.

High efficfiency, energy savfing

Standard product (cool white 6000K) includes 5 optional rated wattages, 40% energy-saving comparing to metal halide:

60W LED - retrofit 70W/100W MH light 85W LED - retrofit 150W MH light 100W LED - retrofit 175W MH light 125W LED - retrofit 175W-250W MH light 150W LED - retrofit 250W MH light

- Copper free aluminum housing, temped and impact resistant glass globe, heat & corrosion proof.
- High degree of protection IP66
- Ex de design for Zone 1 & Zone 2, Zone 21 & Zone 22 both gas and dust Ex hazardous area.
- High quality LED application, shock and vibration resistant.
- Excellent thermal management, EOL over 50,000 hours under appropriate ambient temperature



Pendant Light Fitting LPL LED

COOPER Crouse-Hinds



Technical Data

LPL04 LED / LPL06 LED	
Marking to 94/9/EC	□ I 2 G Ex d e IIC T6 Gb / □ II 2 D Ex tb IIIC T80°C Db
EC-Type Examination Certificate	DNV-11 ATEX 06805X
IECEx Certificate of Conformity	IECEx CM 12.0007X
Permissible ambient temperature	-35 °C up to +50 °C (60 W, 85 W, 100 W) / -35 °C up to +40 °C (125 W, 150 W)
Rated voltage	AC 100 V - 277 V
Frequency	50/60 Hz
Power consumption	60 W, 85 W, 100 W, 125 W, 150 W
Power factor	>0.9
Colour temperature	6000 K cool white (3300 K warm white on request)
CRI	≥ 65
Light angle	120°
Cable glands/Gland plates/Enclosure drilling	2 x M 25 x 1.5, 1 entry plugged
Connecting terminals	3 x 0.5 mm ² up to 6.0 mm ² for solid wire
Degree of protection accd. EN 60529	IP 66
Insulation class	
Enclosure material	Copper free aluminium
Protective cover/protective bowl	impact resistant glass globe
Weight	17 kg
Dimensions (L x W x H)	Ø 350 mm x 240 mm

Ordering details

Туре	Scope of delivery	Wattage	Ambient Temperature	Colour temperature	e Order No.
LPL04-C60-60W	with U shape bracket	60 W	-35 °C up to +50 °C	6000 K	CCL 1090001A
LPL04-C60-85W	with U shape bracket	85W	-35 °C up to +50 °C	6000 K	CCL 1090002A
LPL04-C60-100W	with U shape bracket	100 W	-35 °C up to +50 °C	6000 K	CCL 1090003A
LPL06-C60-125W	with U shape bracket	125 W	-35 °C up to +40 °C	6000 K	CCL 1090004A
LPL06-C60-150W	with U shape bracket	150 W	-35 °C up to +40 °C	6000 K	CCL 1090005A

Accessories

Туре	Order No.
Pole mounting accessories	CCL 1076003

Dimension drawing | Polar curve

