

LUMEV.

LED LIGHTING



**EXPLOSION PROOF
HAND LAMPS**

EXPLOSION PROOF LED PORTABLE ELECTRIC HAND LAMPS



Product description

This LED explosion-proof hand lamp uses high-efficiency LED chips and does not require ballasts. It is produced by the device with a color temperature of 6000K (optional), which is clearer and whiter than the light produced by incandescent lamps, and there is no glare, 180° or 360° luminous angle. It is durable, corrosion-resistant, and has undergone extreme hydraulic and heavy pressure testing to withstand 7J impact. It has the characteristics of small size, light weight, portable etc. No hot when operate at the highest temperature, internal locking can prevent the cable from pulling out. Applicable to zone 1, zone 21, zone 2, zone 22 dangerous areas.

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.

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.

Certification

ATEX:

- Ex II 2G Ex db eb IIC T6 Gb;
- Ex II 2D Ex tb IIIC T 80°C Db;
- IP66;
- Certificate No: SEV 20 ATEX 0369 X;

IECEx:

- Ex db eb IIC T6 Gb;
- Ex tb IIIC T 80°C Db;
- IP66;
- Certificate No: IECEx SEV 20.0003X;

Application

Wastewater treatment, oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, tunnels, outdoor or indoor mounted general area lighting, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present.

Warranty

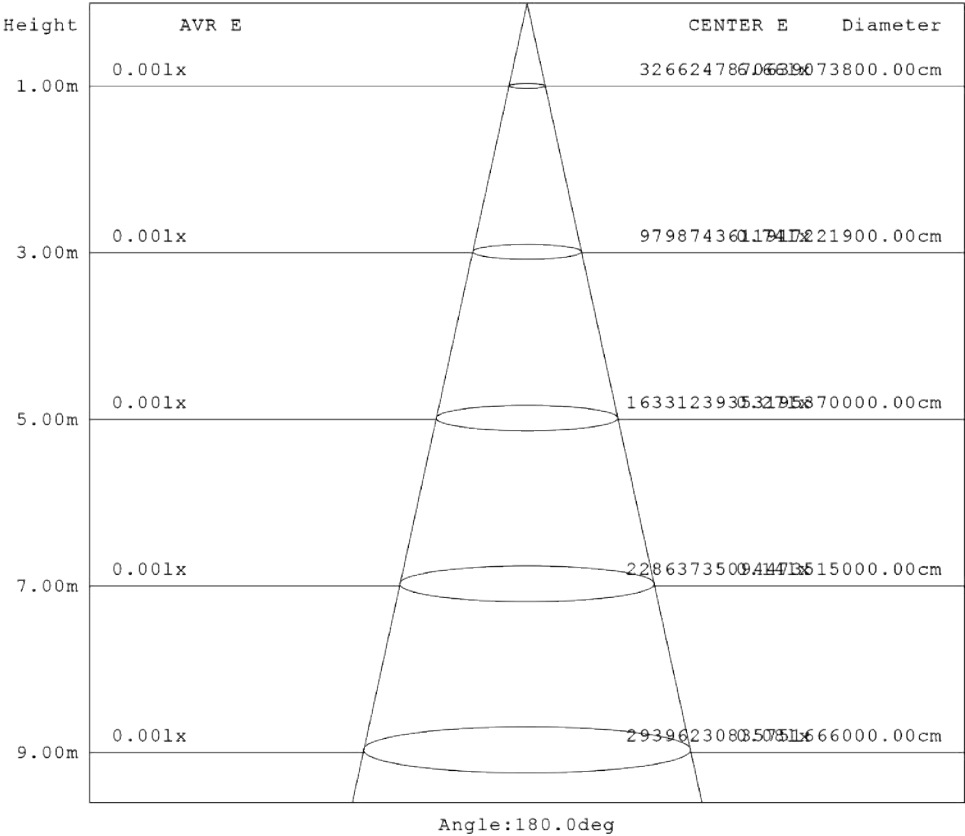
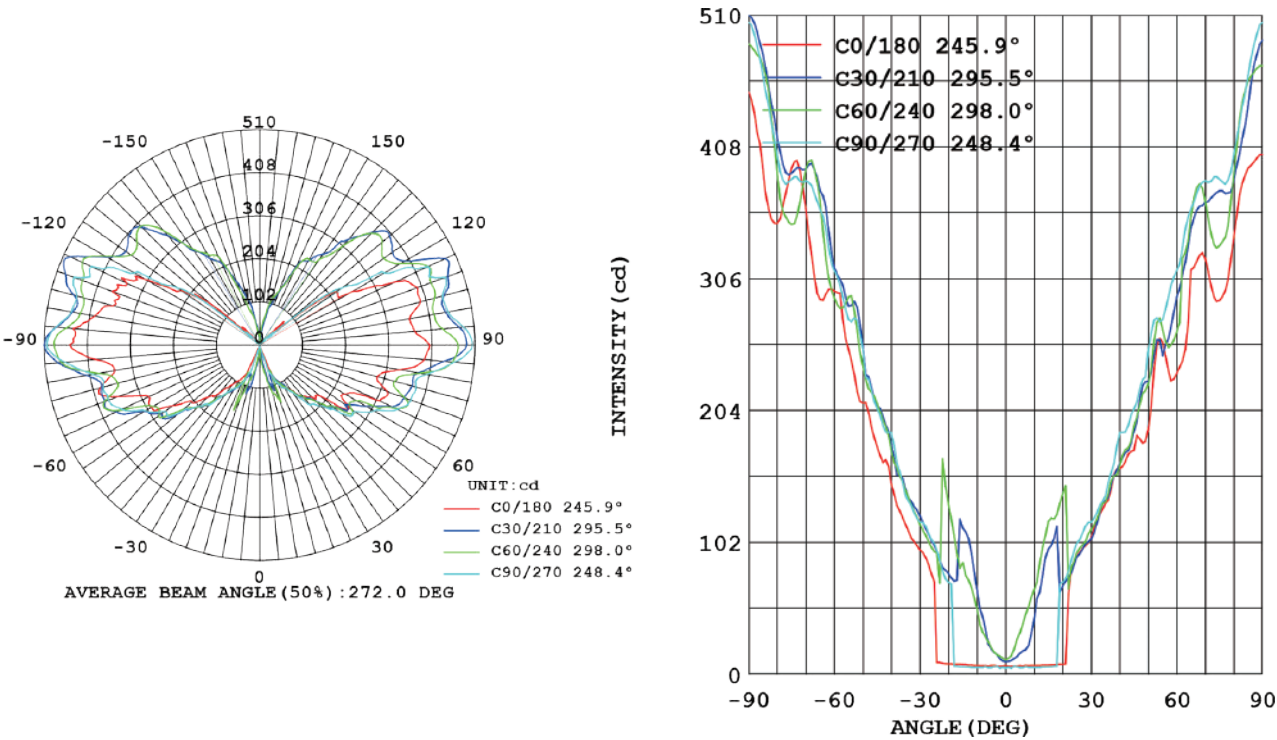
5-Year Standard Warranty



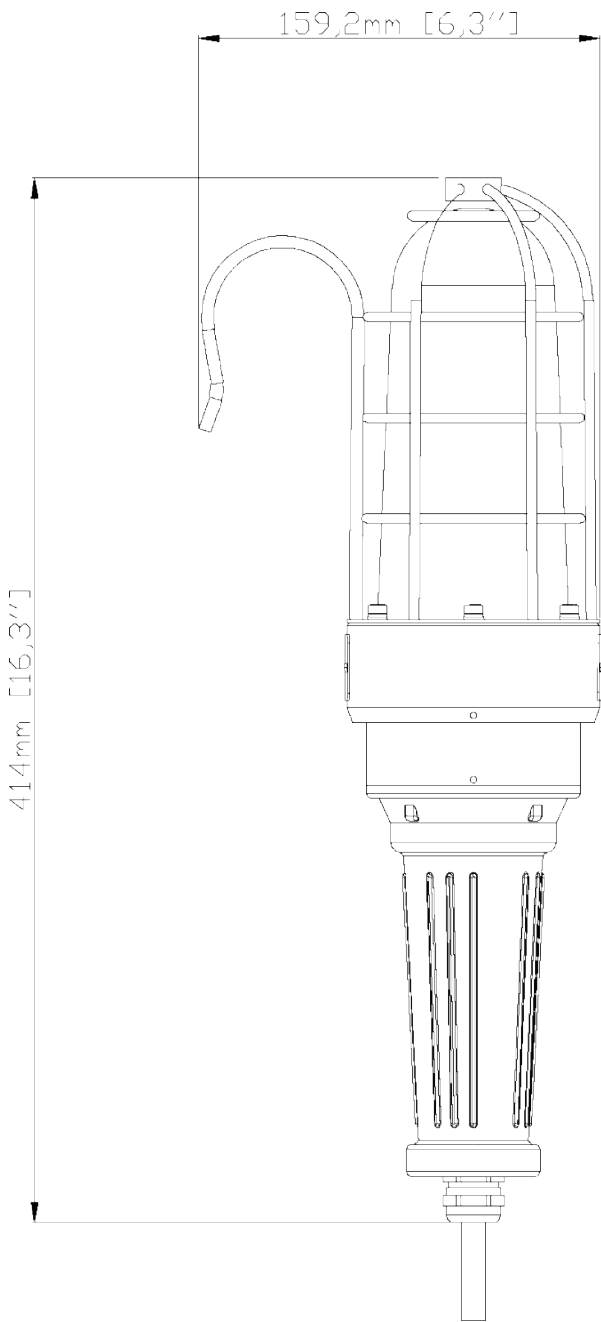
(Please see the specification of UL HazLoc version)



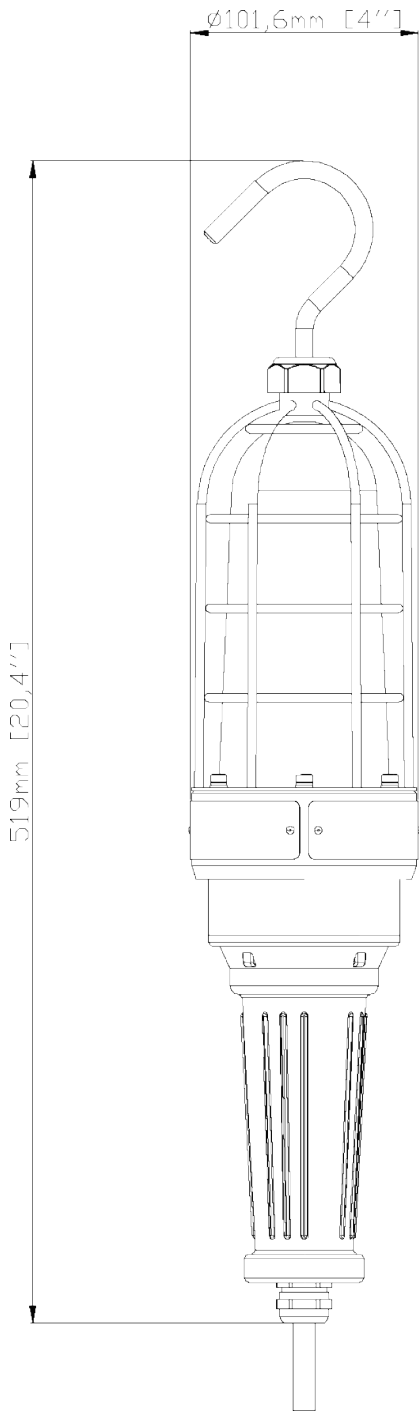
LightingDistribution



Size and packaging



Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
EX HL	101.6×159.2×414mm / 4×6.3×16.3"	475×200×150mm / 18.7×7.9×5.9"	1	2.4KG / 5.3lbs	2.65KG / 6lbs



Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
EX HL	Φ101.6×519mm / Φ4×20.4"	570×140×150mm / 22.4×5.5×5.9"	1	2.4KG / 5.3lbs	2.7KG / 6lbs

Technical parameter

ProductModel	EX HL Series
Type	Portable Electric Hand Lamps
luminous efficiency	130 lm/W
Power (W)	10W / 20W / 30W
Voltage - Frequency	Optional 1:110-277VAC; Optional 2:110VDC; Optional 3:12-24VDC
Color Temp	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70
Power Supply	High Efficiency LED driver, more than 50000 hours lifespan
Beam Angle	180° /360°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	50,000
THD	<10%
Operating temperature	-40 °C to +50 °C
Entry Size	M20 X1.5
Cable	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)

Installation method

