



EXPLOSION-PROOF LED HAND LAMP · 10 / 20 / 30 W

Explosion-proof LED hand lamp

Certified for 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; Class III (CSA).

130 lm/W

LIGHT EFFICIENCY

10–30 W

10, 20 AND 30 W MODELS

IP66

INGRESS PROTECTION

>50,000 h

RATED LIFETIME, L70

PROJECT

TYPE

CATALOG NO.

DATE



Specification and features

Technical specifications common to the 10 W, 20 W and 30 W models.

LIGHT EFFICIENCY	130 lm/W	POWER	10 W / 20 W / 30 W
VOLTAGE - FREQUENCY	120 Vac; 50/60 Hz	COLOR TEMP	4000 K (Provides 3000 K to 6500 K)
CRI (RA) (TYP.)	≥70	BEAM ANGLE	360°
POWER FACTOR	>0.95	RATED LIFETIME - L70 (HRS.)	>50,000
THD	<10%	OPERATING TEMPERATURE	-20°C to +40°C
POWER SUPPLY	High Efficiency LED driver, more than 50000 hours lifespan		
CABLE	STW, UL certified, 3×18AWG (Standard with 0.5m Cable)		

Features

Housing: ADC12 aluminum alloy, powder-coated, WF2 corrosion resistance.

Guard: Low-carbon steel.

Cover: Tempered glass, >90% transmittance, impact- and vibration-resistant.

Handle: Aluminum alloy interior with rubber outer grip.

7J impact resistance.

4kV/6kV surge protection.

IP66 rated.

Lifespan >50,000.

Certifications and industries

CSA

Certificate No.: 80036129. Class I, Division 1, Groups B, C and D, T6; Class II, Division 1, Groups E, F and G; Class I, Division 2, Groups B, C and D, T6; Class II, Division 2, Groups F and G; Class III, IP66.

Gas hazard

Oil & gas refining, offshore platforms, drilling rigs, petrochemical plants, wastewater treatment, coal mines, aviation bases.

UL

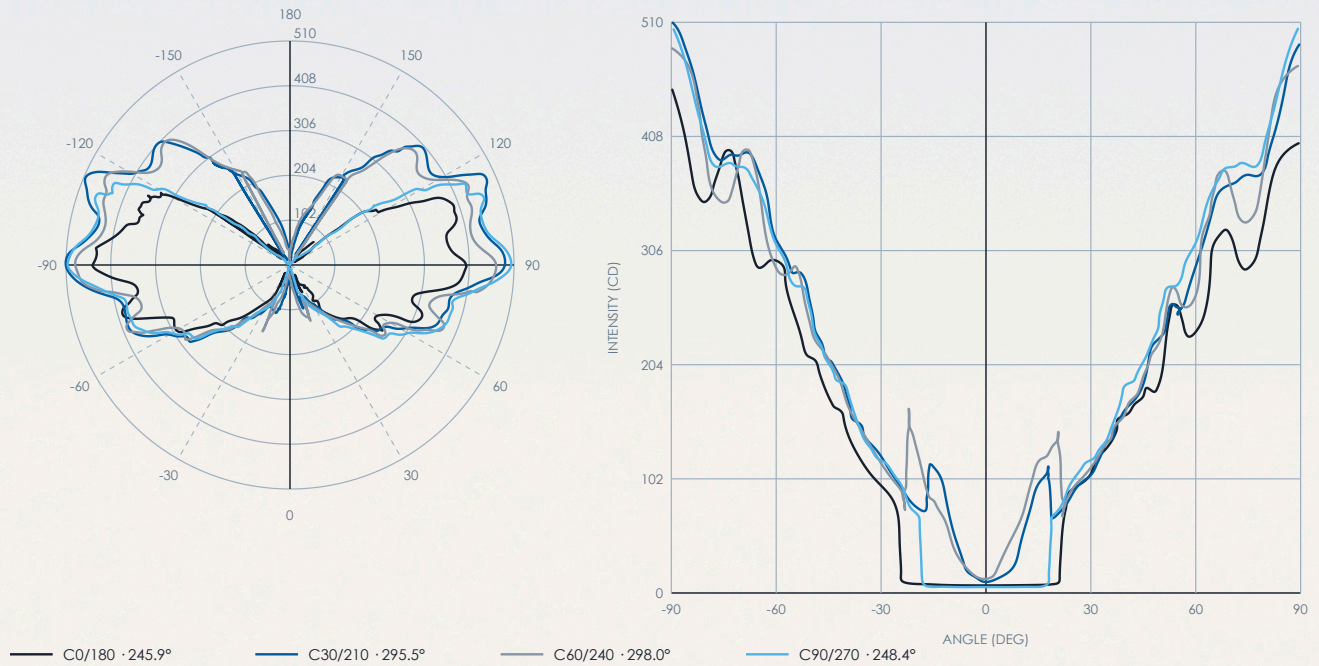
Certificate No.: E500078. Portable Electric Hand Lamps, wet location rated.

Dust hazard

Food processing, pharmaceutical manufacturing, beverage production.

Lighting distribution

Photometrics



Polar distribution and intensity against angle for the four measured planes, redrawn from the factory graphic. Intensity in candelas, angles in degrees. Average beam angle (50%): 272.0 deg.

Ordering guide

Catalog number breakdown

LEFT TO RIGHT

SC – 30 – 01 – 01

1	2	3	4
1	Type	SC	Hand lamps
2	Power	10 · 20 · 30	10 W · 20 W · 30 W
3	Protective structure	01 · 02 · 03 · 04	01 four protective beams · 02 full mesh · 03 semi-mesh · 04 three protective beams
4	CCT	01 · 02 · 03	01 3000 K · 02 4000 K · 03 6500 K
5	Other		Other

EXAMPLE SC30-01-01 — 30 W, four protective beams, CCT 3000 K.

Ordering notes

The complete model number is SC**-A-B-C-D.

Dimensions and mounting

Unit: mm. Drawn from the factory drawing.

OVERALL DIMENSIONS

SC10 / 20 / 30

PRODUCT SIZE (MM) $\Phi 101.5\text{mm} \times 517\text{mm}$

CARTON SIZE (MM) $570\text{mm} \times 150\text{mm} \times 195\text{mm}$

QTY/CTN 1

NET WEIGHT 3.0kg

GROSS WEIGHT 3.5kg

