HAZARDOUS AREA LIGHTING · LED LUMINAIRES

EATON CROUSE-HINDS CHAMP VMVL-13 LED HAZARDOUS-AREA LUMINAIRE

CODE VMVL-13 | 13,582 LM | 92 W | IP66



CHAMP VMVL-13 · LED · ZONE 2 / ZONE 21

- Replaces 400 W HID
- 147 lm/W
- Class I Div 2 · Zone 2 · Zone 21
- -40 °C to +65 °C ambient
- Up to 77% energy saving vs HID

DESCRIPTION	Compact LED luminaire for hazardous and harsh industrial areas; size VMVL-13 of the Champ VMVL family (six sizes, 3,250 to 13,100 lm)
LIGHT OUTPUT	UNV1: 13,582 lm, 92 W, 147 lm/W · UNV34: 13,582 lm, 91 W (nominal, Type V optic, 5000K, clear glass)
REPLACES	400 W HID fixture
VOLTAGE	UNV1: 100-277 VAC 50/60 Hz and 127-250 VDC · UNV34: 347-480 VAC 50/60 Hz · IEC: 100-240 VAC
DRIVER	Power factor 0.90, THD < 15%, 6 kV surge protection (SG1 option: 6 kV IEC and ANSI); redundant driver option S892
CERTIFICATIONS	Class I Div 2 Groups A, B, C, D; Class I Zone 2 AEx ec mb IIC; Class II Groups E, F, G; Class III; Zone 21 tb IIIC; UL/cUL listed; IEC/ATEX (UNV1 only)
EX MARKING	II 3 G Ex ec mb IIC T5/T4 Gc · II 2 D Ex tb IIIC T72-T92 °C Db · IECEx UL 13.0052X
PROTECTION AND AMBIENT	IP66, Type 4X, wet locations · -40 °C to +65 °C · up to 60,000 h rated life at 55 °C
LIGHT	5000K 70 CRI standard; 4000K 70 CRI or 3000K 80 CRI option · Type I, III or V optics
CONSTRUCTION	Die-cast aluminium housing with epoxy powder coat; glass lens; silicone gaskets; stainless steel hardware; factory sealed
MOUNTING	Pendant, cone pendant, ceiling, wall, stanchion (straight or 25°) or trunnion; 3/4", 1", 20 mm or 25 mm entries
WEIGHT	8.70 kg luminaire (mounting module extra)
SPARE DRIVERS	• 100-277 VAC / 127-250 VDC: VMVL-96W-13L-UNV1-M2-DRIVER-REPL-KIT • 347-480 VAC: VMVL-13-M2-DRIVER-KIT • Redundant (S892): VMVL-13-UNV1-S892-M2-DRIVER-KIT / VMVL-13-UNV34-S892-M2-DRIVER-KIT