

Product Description

The 20W LED Alume C1D1 is a durable, high-performance hazardous location drop light designed for Class I Division I environments. Built to withstand flammable vapors, gases, ignitable dust, and fibers, this rugged light delivers up to 2600 lumens with an impressive 130LM/W efficiency. Featuring a Meanwell LED driver with surge protection, this energy-efficient, long-lasting light is ideal for industrial and hazardous applications.

> Quick Ship - In Stock, Ready to Ship

Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

Performance Summary

- Energy-efficient Bridgelux SMD LEDs with high efficacy >130 Lm/W
- In stock and ships from several U.S. locations for quick delivery
- Better visibility than HID with crisp, 5000K anti-glare, white light
- Patented design with high quality components, excellent choice for retrofitting
- Listed for hazardous locations for Class 1, Div 1, Groups B, C, D
- Listed for Class II, Division 2, Groups F and G; Class III hazardous environment
- Heavy duty and high impact resistance
- Solid State with IK09 high-shock and vibration resistance - 3G vibration tested
- Patented heat dissipation design for optimum efficiency - T4 temperature rating
- High lumen maintenance exceeds DOE requirements
- 1/9th LED micro color binning enables tight color control
- High transmittance tempered glass lens over the LEDs
- Low carbon steel cage is powdercoated with salt, chemical, and dust resistant
- Housing is sandblasted and polished for corrosion resistance, rust free and fadeless
- Streamlined housing, no rough edges or scraping, with SUS316 stainless steel hardware
- CNC machined LED boards are flatness controlled to 0.1mm to speed up heat dissipation
- LED array manufactured using a state-of-the-art SMT machine
- Patented double waterproofing design on the radiator and module to prevent condensation
- Advanced constant current Meanwell power supply with 6kV surge protection
- Fast turn on with no warm up or cold start issues
- Excellent optical presentation for multiple applications
- Unmatched thermal management and proven lumen maintenance ratio
- Improved illumination performance and excellent optics control
- High power factor with IC controlled LED circuits and low THD driver
- Low junction temperature for long life and low lumen depreciation
- Instant illumination and restrike with no warm up or cold start issues
- Contains no mercury, lead, infrared or UV radiation and cool to the touch
- Commercial CRI: RA>72, enhances original colors
- Operating temperature: -40 to 50 degrees celsius
- 100,000 hour LED life - IP66 rated for outdoor locations
- Certifications: CE, RoHS, FCC, ETL, UL, cULus, NSF, DLC
- 10 year limited warranty

Alume C1D1 Drop Light

Tempered Glass with Protective Cage

LED Luminaire



Models:

- WDCEC20: 20W - 2600 Lm - 0.16A - 4" (D) x 20.5" (H)

Ordering Information:				Part Number:		
Ordering Example: WDCEC20-50-360-V27-BL-ND-HK						
Family	CCT	Optic	Voltage	Finish	Dimming	Mounting
WDCEC20	50 - 5000K	360 - 360 Degrees	V27 - 120-277V	BL - Blue	ND - Non Dim	HK - 316 Stainless Steel Hoop



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Dimensions, specifications, and product pictures are subject to change without notice.

