

Product Description

The Iris FL C1D2 LED fixture is the ideal choice for marine and hazardous applications requiring a linear design. They can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient can be expected.

> Quick Ship - In Stock, Ready to Ship

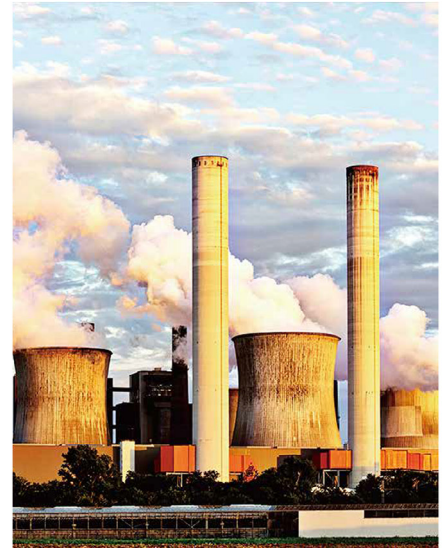
Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

Performance Summary

- Energy-efficient Philips Lumileds SMD LEDs with high efficacy >140 Lm/W
- USA assembled product with quick warranty support
- In stock and ships from several U.S. locations for quick delivery
- Better visibility than HID or fluorescent with crisp, white light
- Patented design with high quality components, excellent choice for retrofitting
- Listed for hazardous locations per UL for Class 1, Div 2, Groups A, B, C, D
- 500 hours salt spray test
- Heavy duty and high impact resistance
- Solid State with high-shock and vibration resistance - 3G vibration tested- IK10
- Patented heat dissipation design for optimum efficiency - T4 temperature rating
- National listing lab tested to IES standards with Type V wide 120 degree optic
- High lumen maintenance exceeds DOE requirements
- 1/9th LED micro color binning enables tight color control
- Stainless steel housing and surface mount bracket
- 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 for heat dissipation
- Replaceable aluminum LED boards with copper tracings for best thermal management
- LED array manufactured using a state-of-the-art SMT machine
- Copper condensation valve balances the air pressure and prevents vapor accumulation
- Cooling fins are added to the heatsink for low temperature and higher efficiency
- Polycarbonate lens over the LEDs with high transmittance and impact resistance
- Patented double waterproofing design on the radiator to prevent condensation
- Advanced constant current 0-10V dimming Meanwell power supply
- Fast turn on with no warm up or cold start issues
- 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>70, enhances original colors
- Operating temperature: -40 to 60 degrees celsius (-40 to 140F)
- 150,000 hour L70 LED life - IP66 rated for outdoor locations
- Certifications: CE, RoHS, ABS, UL HazLoc, ETL, CSA
- 10 year limited warranty

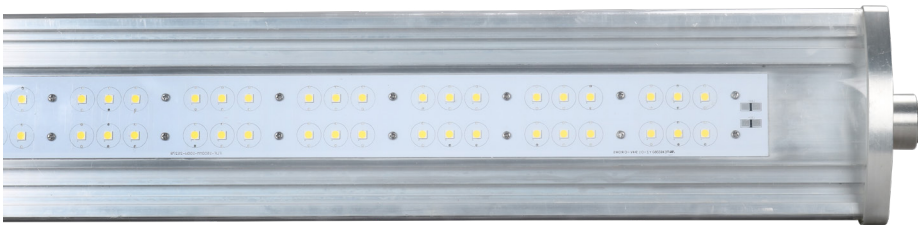
Iris FL C1D2

Class 1, Division 2 Hazardous Linear Strip
LED Luminaire



Applications:

- Heavy Industrial Storage Facility
- Paper mills
- Wastewater Treatment Plants
- Loading Docks Platforms
- Offshore Environments
- Chemical Processing Facility
- Power Plants
- Petrochemical Processing Facility
- Metallurgical Industry
- Coal Mine
- Food and Alcohol industry



Explosion Protection:

CSA

- C22.2#141-15, Ed.5
- C22.2#137:2018 Ed.2

UL844

- Class I, Division 2, Groups A, B, C, D
- Class I, Zone 2, Group IIC

Marine

- UL 924 Emergency Lighting
- UL 844

Models:

- WDEX40FL - 40W - 5600 Lm - 26.4" (L) x 4.5" (W) x 6.3" (H) - 9.1 Lbs
- WDEX60FL - 60W - 8400 Lm - 50.1" (L) x 4.5" (W) x 6.3" (H) - 15.9 Lbs

Ordering Information:					Part Number:
Ordering Example: WDEX40FL-50-T5-V27-PT					
Family	CCT	Optic	Voltage	Finish	
WDEX40FL WDEX60FL	50 - 5000K	T5 - 120 Degrees	V27 - 100-277V	PT - Platinum	



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

The product on this page is a manufactured to order, non-stocking item. This product cannot be returned for refund or credit.

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