

The most rugged, portable Wide-Area Fluorescent Light for Hazardous Locations on the market

Workers in all professions face job hazards that, left unchecked, pose a serious threat to personal safety, security and productivity. These are issues that tie directly to every customer's bottom line. For many Molex customers, ignitable concentrations of flammable gases, vapors or liquids pose a serious threat to job-site safety. The Woodhead Wide-Area Fluorescent Light for Hazardous Locations is designed to operate safely in hazardous environments while delivering high-output light in an extremely rugged and durable fixture.

The light is certified by QPS (Quality Product Services) to Class I, Division 2 standards. QPS is a Canadian certification body nationally recognized in Canada and 6 US states.

This fixture provides task lighting for maintenance and repair operations and wide-area light in potentially hazardous locations. The enclosure is constructed of sturdy, cast aluminum and is covered with a heavy-duty, rubber-polycarbonate lens assembly that creates an impact-resistant seal keeping out moisture and contaminants.

The twin 55W fluorescent lamps are shock-mounted in front of a specular aluminum reflector that produces light equivalent to many higher-wattage units while providing superior lamp life with respect to impact, vibration and overheating.

This light has been designed with direct customer input to ensure its use meets the needs of a wide range of applications. Already accepted in Canada and several markets in the US, the pending UL Listing will provide universal acceptance in all of North America, particularly for those customers not accepting compliance via a Canadian certification body.

For additional product information, please visit:
<http://www.molex.com/link/widearea.html> and <http://www.woodhead.com>.

FEATURES AND BENEFITS

- Rugged cast-aluminum enclosure with unique rubber lens-gasket assembly provides superior strength and durability, impact and corrosion resistance, simple maintenance
- Two, 55W CFL lamps (110 Watts), shock mounted, with integral aluminum reflector offers a rugged lamp design with lamp supports that will resist breakage while producing 9600 lumens
- Energy-efficient, single ballast design ensures product uses less energy; field repairs and maintenance are simplified
- Third-party certified to CSA Class I, Division 2 environments and suitable for Zone 2 Groups B, C, and D T3A temperature rating; also outdoor rated; safe in wet locations with potentially ignitable gases of all groups and meets code
- Operating range -50°C to +40°C with a cold-start temperature of -20°C or colder allows design to be used in a wide range of temperatures
- Customizable mounting clamp/handle/cord wrap and electrical cable fittings provide mounting flexibility; can use a wide range of connectors including BradPower™ for Zone 2

SPECIFICATIONS

Reference Information

Packaging: Unit or Each
 QPS File No.: LR1111
 UL File No: Pending

Mechanical

Enclosure Ratings: NEMA 3R
 Weight: 15.5 lbs. without cable
 Environment: Indoor and Outdoor

Electrical

Voltage (max.): 120VAC-277VAC/60 Hz
 Current (max.):
 41.0A per fixture at 277V AC/60HZ
 Total Wattage: 116 Watts
 Lamp Type:
 Compact Fluorescent PL-L 55 Watts
 Ballast Type: Rapid Start, 2 lamps

Physical

Housing: Cast Aluminum
 Cover:
 Silicone Rubber and Polycarbonate
 Operating Temperature:
 Ambient High: +40°C
 Ambient Low: -50°C
 Low Temperature Start: -20°C
 Service: -10°C

Woodhead® Wide-Area Fluorescent Light For Class I, Division 2 and Zone 2 Applications

130243 Wide-Area Fluorescent Light (1075-HZ2)



Wide-Area Fluorescent Light For Class I, Division 2 and Zone 2 Applications

APPLICATIONS

- Petro-Chemical and Refinery Plants
 - Scaffold and Ingress/Egress Lighting
 - Vessel and Tank Task Lighting
- Shipyards
 - Scaffold and Area Lighting
 - Confined-Space Task and Area Lighting
- Pulp and Paper
 - Digester and Bleach Plant Maintenance Lighting
 - Chemical Recovery Maintenance Lighting
- Utility and Gas
 - Scaffold and Area Lighting
 - Tunnels and Vault Areas
- Water and Waste Water Treatment
 - Covered Settling Tanks
 - Maintenance Task Lighting
- Aerospace
 - Scaffold and Ingress/Egress Lighting
 - Fuselage Construction Task and Area Lighting



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ORDERING INFORMATION

Order Number	Engineering Part Number	Description
130243-0004	1075HZ2N000	No Cable or cord grips
130243-0002	1075HZ2F003143F003	3' #14-3 SOW, FLYING LEADS
130243-0003	1075HZ2003123F003	3' #12-3 SOW, FLYING LEADS
130243-0001	1075HZ25025143	25' #14-3 SOW, 5-15 WTT PLUG/CONN
130243-0005	1075HZ25050143	50' #14-3 SOW, 5-15 WTT PLUG/CONN
130243-0007	1075HZ2X025143X025	25' #14-3 SOW, XP PLUG/CONN
130243-0008	1075HZ2X050143X050	50' #14-3 SOW, XP PLUG/CONN
130243-0009	1075HZ2X003123X003	3' #12-3 SOW, XP PLUG/CONN
130190-0058	33-1075	Replacement Ballast
130191-0093	34-1075	Replacement Lamp 55Watt Compact Fluorescent
130201-1400	50-1075	Replacement Reflector
130189-0009	40-1075	Replacement Lens-Gasket Assembly- Includes Fasteners