



VAPORPROOF by Design

DURABLE CONSTRUCTION All Canlet non-metallic fixtures are made of glass reinforced thermoplastic. This engineering grade resin resists impact, high temperature deformation, and chemical attack. In short, it won't corrode or rust. Canlet construction offers not only long life, but easy servicing because the guard will not seize onto the fixture, a common problem among metal fixtures.

INTEGRATED METAL GROUNDING FRAME The Canlet vaporproof fixture delivers exclusive "hub to hub" grounding continuity via an integral metal strap. Unlike conventional non-metallic vaporproof lighting, the Canlet fixture meets the NEC and CEC requirements for use with both metallic and non-metallic wiring methods.

The Canlet fixture is ideal for all demanding lighting tasks, from the rigors of ocean going vessels and wash down areas in food processing plants to the harshness of chemical processing plants.

Function, economy and durability. packed into a single fixture.

The Canlet non-metallic vaporproof lighting fixture exceeds all requirements for standard vaporproof lighting. Made with glass reinforced engineering grade thermoplastics, the fixtures resist impact, high temperature deformation, and chemical attack. The result is a fixture that is not only UL and CSA certified for use in wet locations, but is also UL 595 Marine and UL 844 Hazardous Location listed.

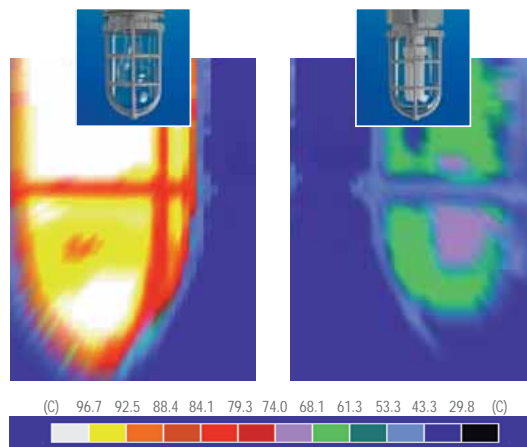
Chemical Resistant

CHEMICAL ENVIRONMENT	COMPATIBILITY RATING		
	POOR	FAIR	EXCELLENT
AUTOMOTIVE ENVIRONMENTS Diesel Fuel Gasoline Motor Oil Anti-Freeze (50%) Ethylene Glycol (100%) Windshield Washer Solvent			● ● ● ● ●
ORGANIC SOLVENTS Acetone Ethyl Acetate Toluene Methylene Chloride Methanol Ethanol Freon® F113	● ● ●	●	● ● ●
ACIDS 36% Sulfuric (Battery) 10% Sulfuric 10% Hydrochloric 100% Acetic		●	● ● ●
BASES 10% Ammonium Hydroxide 10% Sodium Hydroxide	●		●
SALT SOLUTIONS 50% Aqueous Zinc Chloride 10% Aqueous Sodium Chloride 10% Zinc Chloride			● ● ●



Energy Efficient

The infrared photo shows that while Canlet's 26W compact fluorescent lamp shines with the same luminous intensity as a 100W incandescent lamp, it radiates only about 1/4 of the heat. It's lower lamp and globe temperature means more energy efficient, more dependable, lower maintenance lighting.





Durable Construction

- 1 Reinforced mounting feet are the strongest of any non-metallic fixture.
- 2 Only Canlet provides a raised section for a rear entry hub (can be individually drilled and tapped on the job or in quantity at the Canlet factory).
- 3 Grounding screw permits use with non-metallic as well as metallic raceways.
- 4 (4) 3/4" threaded hubs.
- 5 The only non-metallic vaporproof fixture that offers hub to hub grounding continuity via an internal bonding frame.
- 6 Internal and external silicone gaskets make the Canlet fixture watertight.
- 7 High-quality phenolic medium screwbase lampholder (also available with compact fluorescent snap-in sockets).
- 8 Unlike metallic guards, this high-impact non-metallic guard will not seize onto the fixture.
- 9 Clear glass globe (also available in heat-treated, prismatic or colored glass as well as clear, prismatic or colored polycarbonate).
- 10 Tough impact resistant polycarbonate construction simply will not corrode.

Retrofit Capable

Canlet compact fluorescent retrofit fixtures are ideal as energy efficient replacements for existing incandescent fixtures — without the need for extensive rewiring.

The Canlet retrofit fixture mounts directly onto existing 4-1/2" boxes, either metallic or non-metallic. For smaller diameter boxes, or recessed octagonal boxes, a retrofit adapter ring is supplied with every retrofit fixture

Vaporproof fixtures
are the ideal choice
for demanding
outdoor environments.

OPTION #1

Uses a standard Canlet fixture complete with electrical box when the entire electrical system is being replaced.



OPTION #2

Uses an existing 4 1/2" ceiling box (often used for vaporproof fixtures), saving significant wiring costs.



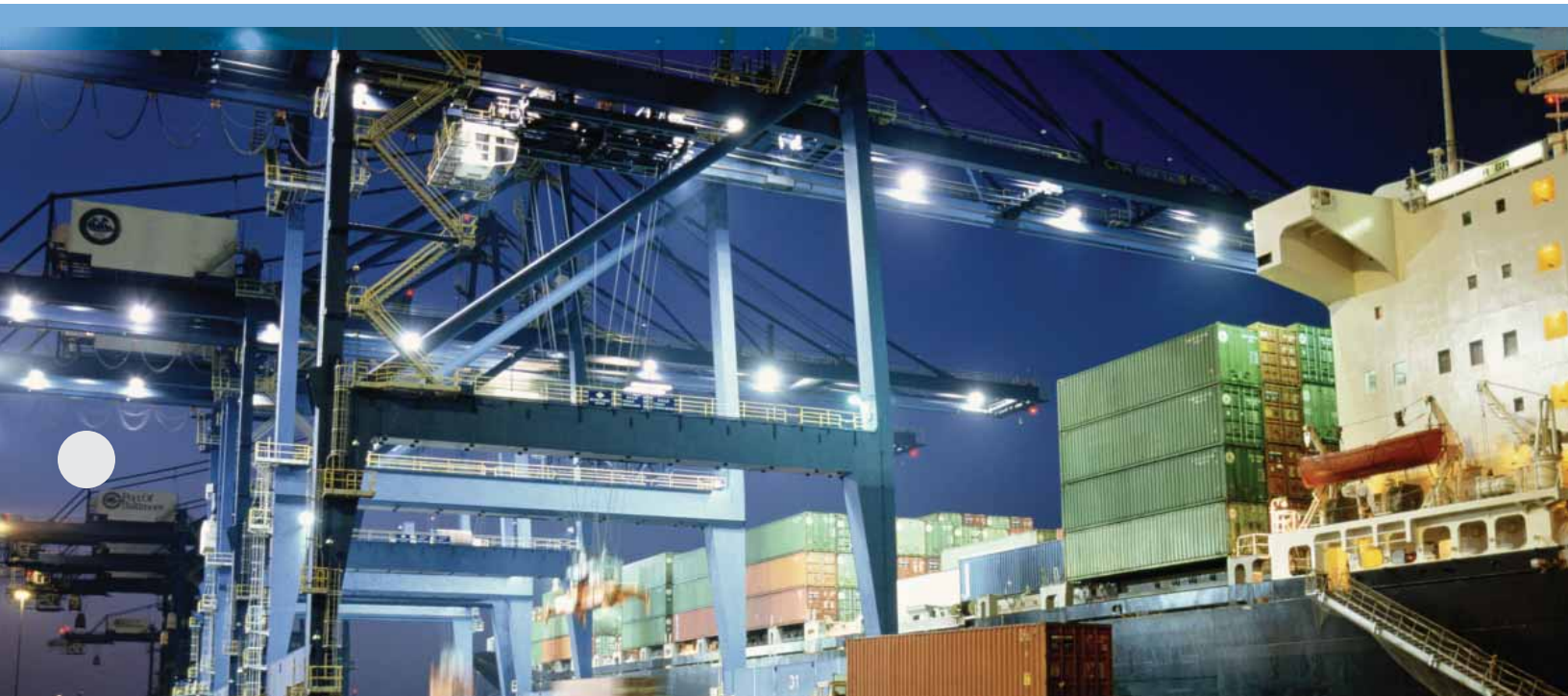
OPTION #3

Offers the same savings as Option #2 but with a standard 4" weatherproof box. Here a Canlet retrofit adapter ring is required.



OPTION #4

Shows how the retrofit adapter ring can be used on recessed ceiling box applications.

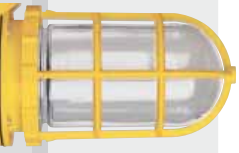




WHITE



GREY



YELLOW



RED



BLUE


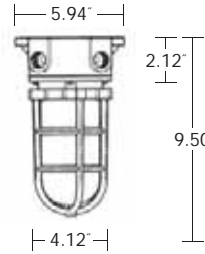
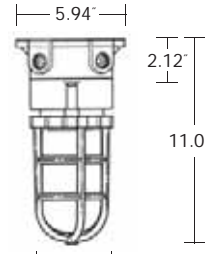

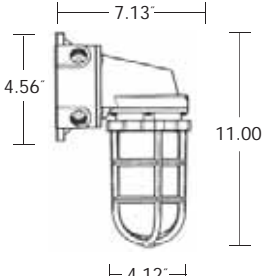
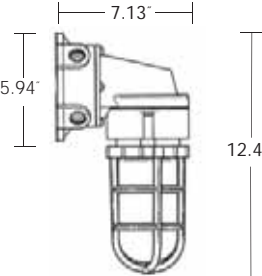

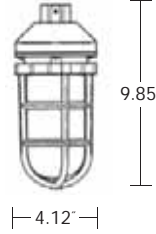
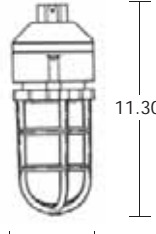

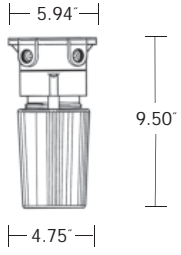
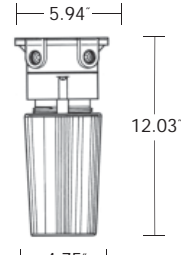


GREEN



BLACK

Fixtures & Dimensions

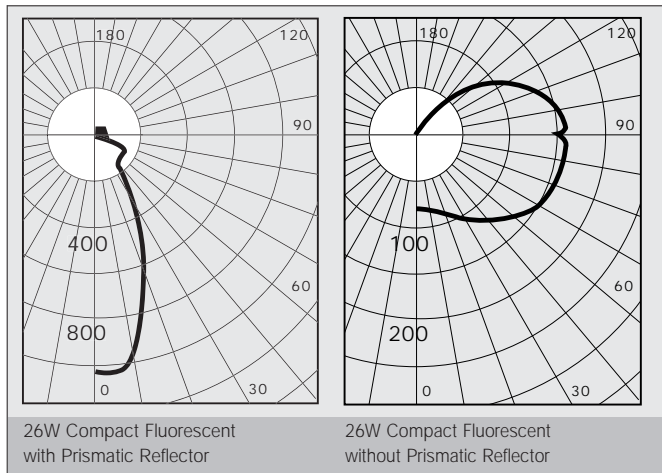
		INCANDESCENT	COMPACT FLUORESCENT
Ceiling Mount			
Wall Mount			
Pendant Mount			
Prismatic Polycarbonate Compact Fluorescent		 <i>Small Polycarbonate Globe</i>	 <i>Large Polycarbonate Globe</i>

Fixture housings in Clear, Opal, Red, Blue, Yellow, and Green will enable you to accentuate architectural details and add excitement with what is typically considered a utilitarian fixture.

Increased Brightness

Canlet's high-efficiency prismatic **polycarbonate reflector** directs the light downward, where it is needed for most lighting tasks. Using a patented prism design, the Canlet reflector increases the lower hemisphere light by 40% and increases the 0° to 60° lumens value by over 140%. This unique prism also transmits 13% uplight to eliminate shadowing on the ceiling. For easy cleaning, the reflector simply screws off with the guard. The Canlet reflector is made of polycarbonate for impact resistance.

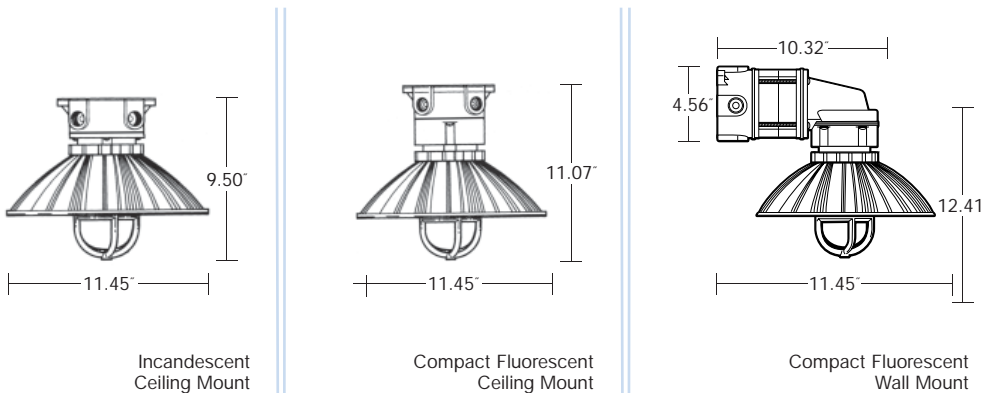
CANDLEPOWER DISTRIBUTION CURVES



Visit <http://www.canlet.com/vppf.html> for additional photometric data.

Reflector Choices

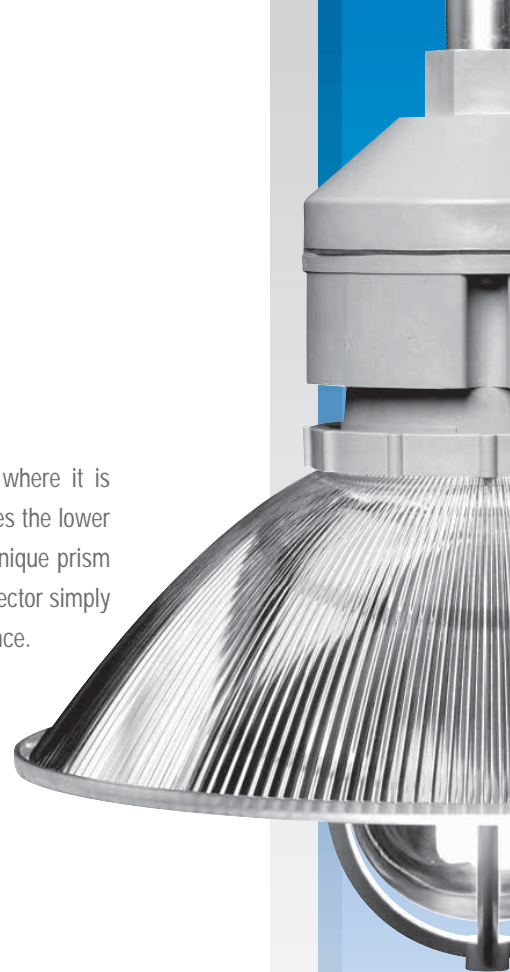
Made with translucent colored resins, the lightweight reflectors serve both functional and decorative purposes. Light is reflected down due to the reflectors unique design, however, a percentage of the light passes through the reflector to create a warm comfortable atmosphere.



Incandescent Ceiling Mount

Compact Fluorescent Ceiling Mount

Compact Fluorescent Wall Mount



CLEAR



OPAL



AMBER



RED



BLUE



GREEN

GLASS GLOBES



PRISMATIC POLYCARBONATE GLOBES

(Smooth polycarbonate globes are also available)

Illuminating Choices

Canlet offers the North American lighting industry the largest number of light source and globe options in non-metallic vaporproof lighting.

GLOBE OPTIONS

Colored glass globes are ideal for signal or warning lights and applications where the fixture is periodically sprayed with water. Polycarbonate globes are ideal for applications where glass is not permitted, such as in food processing plants. Prismatic globes, which refract the light and reduce glare, are also available. All colored globes are heat-treated.

LAMP/BALLAST OPTIONS

Canlet continues to stay at the forefront of developments in compact fluorescent lighting with innovative features such as high power factor low-harmonic electronic ballasts for 120V, 277V and 347V applications. Despite its relatively low energy efficiency, the incandescent lamp still has a place in vaporproof lighting. In fact, it outperforms fluorescent lighting in tasks requiring dimming, flashing, and instant full output at low temperatures. Osram colored 9W lamps use a monochromatic phosphor to generate pastel shades of red, green and blue. Canlet fixtures with Osram colored lamps are used in a wide variety of tasks from marking fire stand pipes and call boxes to decorative applications, recreational areas, and amusement parks.

LAMP AND BALLAST <i>Lamps not included, but can be ordered separately.</i>					
Wattage	Configuration	Lampholder	Type	Voltage	Power Factor
5-7-9W	Single or Twin/Quad	G23-2	Magnetic	120V / 277V	NPF
13W	Triple/Hex	GX24q-1	Electronic	120V / 277V / 347V	HPF
18W	Triple/Hex	GX24q-2	Electronic	120V / 277V / 347V	HPF
26W	Triple/Hex	GX24q-3	Electronic	120V / 277V / 347V	HPF
32W	Triple/Hex	GX24q-3	Electronic	120V / 277V / 347V	HPF
42W	Triple/Hex	GX24q-4	Electronic	120V / 277V / 347V	HPF

