

Data Sheet

J. M. CANTY FLEXVIEW™

Sight Glass / Led Lighting Systems



Supplied by

247able.com

Call us on +44 (0)118 916 9420 | Email info@247able.com

CANTY

5+ YEAR LIFE
HIGH INTENSITY
UNIFORM WHITE LIGHT
OUTPUT, MAINTENANCE-
FREE!

PROCESS TECHNOLOGY

FLEXVIEW™ SIGHT GLASS / LED LIGHTING SYSTEMS



FEATURES OF THE FLEXVIEW™ SIGHT GLASS/LIGHTING SYSTEMS

- LED is maintenance-free, no bulb changes.
- High intensity, uniform white light
- Brighter than former 80W Halogen lights
- Low power consumption, 16 - 20W.
- Many models are FM, CSA approved! U.S. Navy, Coast Guard, Lloyds, ABS, DVN and approval to ATEX directives.
- Flexible fiber optic light bundle provides a high intensity output
- NEMA 4, IP66, Explosion proof (Class I, Div. 1, Group B, C & D, Class II, Div. 1, Groups E, F & G) or Flameproof EEx d IIC T6 Ratings
- Fused glass seal provides a safe, reliable hermetic seal.
- Special sizes available upon request
- Cool Light Output; There is No Product Bake On.

THE CANTY ADVANTAGE

Canty LED fiber optic lighting systems have been designed to provide efficient, high output, cool light in a maintenance-free package. Conventional methods of lighting through a sightglass are ineffective since a majority of the light is reflected off of the sightglass. Canty uses only high quality fiber optic light pipes to fiber-optically guide the light from our light source through a sightglass or process connection. The LED light is focused and transmitted into the fiber optic light pipe and guided through the sightglass, minimizing losses while maximizing your tank or vessel lighting!

SPECIFICATIONS

Fiber Optic Bundle

Construction: Multi-fiber Glass Bundle
Exterior: Crush Resistant Outer Tubing
Termination: Stainless Steel, .75" diameter
Configuration: Single, two or three leg bundles are available.

Lighting Systems

- Lights are available to cover all your process requirements.
- Weather proof, IP66 models available.
- Explosion and flame proof models.
- Various models are FM approved, CSA approved and approved to ATEX directives.
- Canty offers a variety of power supplies to best suit the needs of your application.

LIGHTING PACKAGES

Our flexible bundle lighting systems are available with a variety of high quality Canty lights and process connections. We offer both weather proof and explosion proof / flame proof lights with a variety of power supply options and mounting connections to meet all your process needs.

Our flexible bundle lighting systems are designed to work with any sight glass, whether it's your existing sight glass or a Canty safety Fuseview™ sight glass. We offer many standard sight glass mounting connections to easily illuminate one, two or three sight glasses using only one Canty light. NPT, Tri-Clamp® and flanged connections are available in a variety of sizes and materials

MOUNTING CONNECTIONS

- Sight glass mount - universal mounting bracket is designed to function with any flange mounted sight glass.
- Standard brackets are constructed of Aluminum or Stainless Steel.
- Flanged mounting connection - available in ANSI or DIN sizes with CS, SS, Hastelloy® or glass wetted materials.
- Tri-Clamp® - sanitary vessel connection. Ideal for pharmaceutical or food grade applications.

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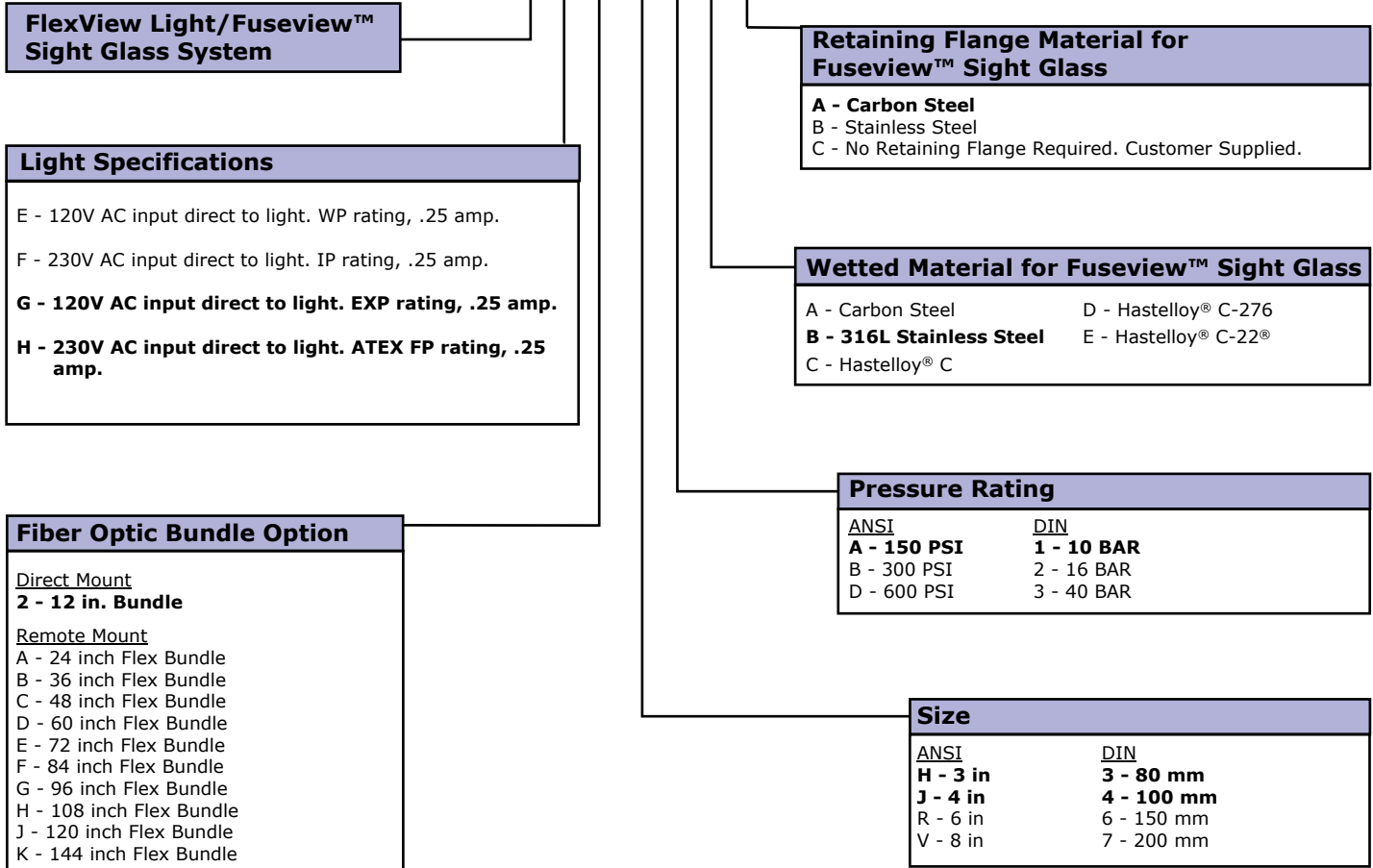
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Ordering Information

HOW TO ORDER: Select the appropriate symbols and build a part number as shown.
Recommended options are listed in bold.

EXAMPLE:

FVG2HABA-LED



**FlexView Light/Fuseview™
Sight Glass System**

Light Specifications

E - 120V AC input direct to light. WP rating, .25 amp.
 F - 230V AC input direct to light. IP rating, .25 amp.
G - 120V AC input direct to light. EXP rating, .25 amp.
H - 230V AC input direct to light. ATEX FP rating, .25 amp.

Fiber Optic Bundle Option

Direct Mount
2 - 12 in. Bundle

Remote Mount
 A - 24 inch Flex Bundle
 B - 36 inch Flex Bundle
 C - 48 inch Flex Bundle
 D - 60 inch Flex Bundle
 E - 72 inch Flex Bundle
 F - 84 inch Flex Bundle
 G - 96 inch Flex Bundle
 H - 108 inch Flex Bundle
 J - 120 inch Flex Bundle
 K - 144 inch Flex Bundle

**Retaining Flange Material for
Fuseview™ Sight Glass**

A - Carbon Steel
 B - Stainless Steel
 C - No Retaining Flange Required. Customer Supplied.

Wetted Material for Fuseview™ Sight Glass

A - Carbon Steel D - Hastelloy® C-276
B - 316L Stainless Steel E - Hastelloy® C-22®
 C - Hastelloy® C

Pressure Rating

<u>ANSI</u>	<u>DIN</u>
A - 150 PSI	1 - 10 BAR
B - 300 PSI	2 - 16 BAR
D - 600 PSI	3 - 40 BAR

Size

<u>ANSI</u>	<u>DIN</u>
H - 3 in	3 - 80 mm
J - 4 in	4 - 100 mm
R - 6 in	6 - 150 mm
V - 8 in	7 - 200 mm

WP = Weather Proof
 EXP = Explosion Proof
 FP = Flame Proof
 IP = Ingress Protection