CANTY

PROCESS TECHNOLOGY

HYL SERIES 80W, 50W Fiber Optic Flex Bundle Lighting Systems



Canty fiber optic lighting systems have been designed to provide efficient, high output tungsten-halogen light in a cost effective 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, flexible fiber optic light pipes to fiber-optically guide the light from our light source through a sightglass or process connection. The light is elliptically focused into the fiber optic light pipe and guided through the sightglass, minimizing losses while maximizing your tank or vessel lighting!

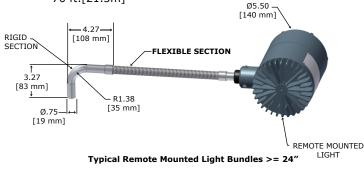
LIGHTING PACKAGES

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 of your process needs.

Our flexible bundle lighting systems are designed to work with any sightglass, whether it's your existing sightglass or a Canty safety Fuseview[™] sightglass. We offer many standard sightglass mounting connections to easily illuminate one, two or three sightglasses using only one Canty light.

Model Recommendation

- 50 W Typical tank diameter 8 ft. [2.4m], max. depth 12 ft.[3.7m]
- 80 W Typical tank diameter 25 ft. [7.6m], max. depth 70 ft.[21.3m]



SPECIFICATIONS

Fiber Optic Bundle

| Multi-fiber glass bundle |
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| Single-leg: crush resistant outer tubing |
| Multi-leg: silicone tubing |
| Stainless steel, .75" diameter. 205° max. at tip |
| Single, two or three leg bundles |
| are available |
| 12" - 108" lengths are available. |
| Consult factory for additional sizes. |
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Lighting Systems

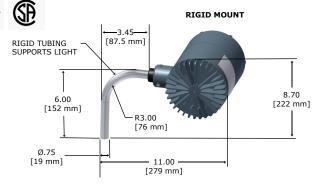
- 50W and 80W lights are available to cover all your process requirements
- Weather proof, explosion proof, flameproof, and IP66 models are available
- Various models are FM approved, CSA approved and approved to ATEX directives
- Canty offers a variety of power supplies to best suit the needs of your application

MOUNTING CONNECTIONS

- Sightglass mount-universal mounting bracket is designed to function with any flange mounted sightglass. Standard brackets are constructed of aluminum or SS.
- NPT mounting connection flexible bundle may connect to vessel using a 1" NPT threaded connection. Available in 316L SS, Hastelloy[®] or equal or glass wetted materials
- Tri-Clamp[®]-sanitary vessel connection. Ideal for

FEATURES

- Flexible fiber optic light bundle provides a high intensity light output
- NEMA 4, IP66, Explosion proof (Class I, Div. 1, Groups B, C & D, Class II, Div. 1, Groups E, F & G) or Flameproof Eex d IIC T6 light options
- Fused glass seal provides a safe, reliable, hermetic seal between electronics and the process area
- Various models feature FM, CSA, approval to ATEX directive
- Canty lights provide the maximum illumination possible
- Cool light output there is no product bake-on



Typical 12" Direct Mount Light Bundle Models

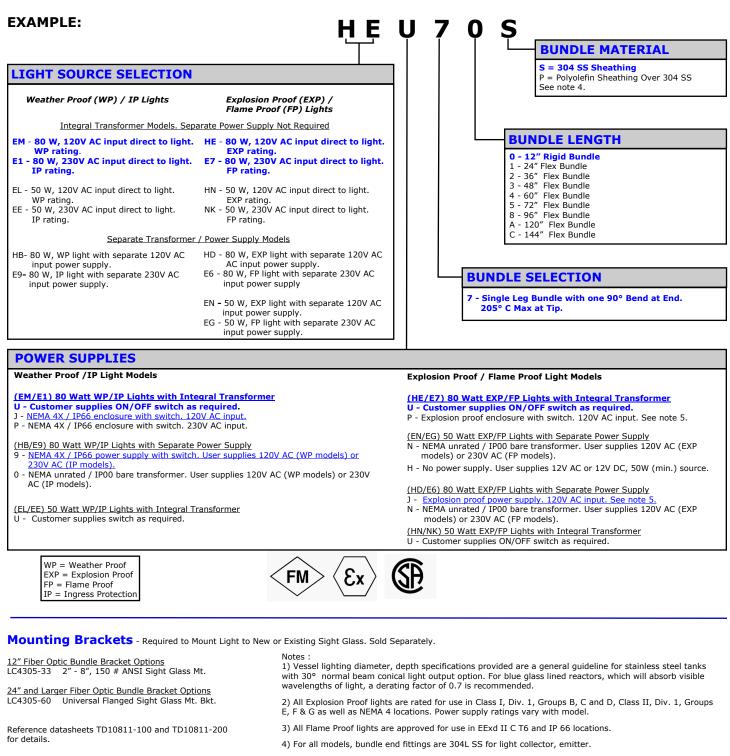
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Ordering Information

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



5) Explosion proof power supply enclosures are rated use in Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups E, F & G locations.



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