CANTYPROCESS TECHNOLOGY

HYL80-LED Nickel Plated Fiber Optic Flex Bundle Lighting Systems



HOW IT WORKS - LED

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, flexible 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!

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.

SPECIFICATIONS

Fiber Optic Bundle	
Construction:	Multi-fiber glass bundle
Exterior:	Single-leg: crush resistant outer tubing
	Multi-leg: silicone tubing
Termination:	Stainless steel, .75" diameter. 205° max. at tip
Configuration:	Single, two or three leg bundles
	are available
Lengths:	12" - 108" lengths are available.
	Consult factory for additional sizes.

Lighting Systems

- LED lights are available to cover all your process requirements
- Weather proof, explosion proof, flameproof, and IP66 models are available
- Canty offers a variety of switches 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 pharmaceutical or food grade applications

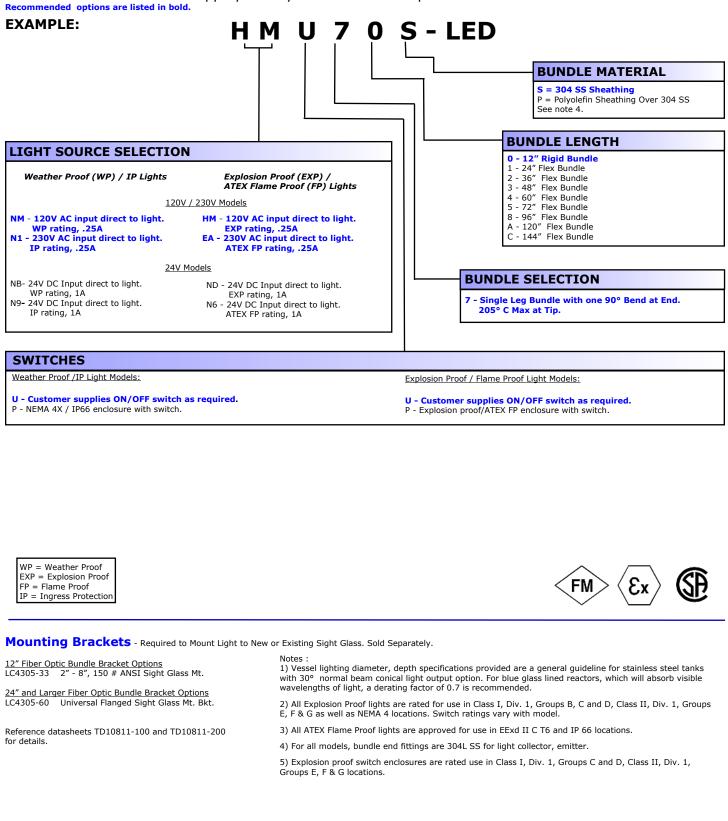
FEATURES

- Nickel Plated Aluminum Light Enclosures
- Flexible fiber optic light bundle provides a high intensity light output
- Brighter than former 80W Halogen lights
- Low power consumption, 16-20W
- 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
- Maintenance-free, 5+ year life on LED, no bulbs to change.
- Canty lights provide the maximum illumination possible
- Cool light output there is no product bake-on



Ordering Information

HOW TO ORDER: Select the appropriate symbols and build a part number as shown.



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