

CANTY

LED LIGHT, HIGH
INTENSITY UNIFORM
WHITE LIGHT
OUTPUT

PROCESS TECHNOLOGY

BREWERY LED SANITARY LIGHTING SYSTEM

Stainless Steel NEMA 4X Construction



HOW IT WORKS

The LED lighting system is designed to illuminate brewery and beverage vessels. The LED light is a fused glass light which provides a high intensity, cold light source to illuminate the process with a true white light (5000° K color temperature). The cold light ensures that no heat is added to the process, which avoids unaccounted for heat sources in the reaction while also ensuring there is no product bake-on. The LED lighting package provides a compact, cost effective lighting system to meet all of your sanitary process needs. Each Canty LED light uses a high pressure, high temperature, fused glass hermetic seal to completely isolate the light source from the process. The LED light can mate with a variety of couplings, including Tri-Clamp®, NA-Connect®, Flange and Perlick®.

STANDARD LIGHT SOURCE

All models feature an Alloy C276/316L S.S. process connection. A high output LED provides bright white light to illuminate the application.

MOUNTING CONNECTION

Available in:

- Tri-Clamp®/NA-Connect®/Flange/Perlick®
- 1" and above connection size

FEATURES

- Cold Light - limits heat added to the process
- Fused Glass - safe process light
- Compact 1" and above Tri-Clamp® design
- Integral thermal break to reduce thermal heat load to the LED
- Easy removal for service or replacement
- Quick disconnect power cable IP 66/ NEMA 4 Sealed x 6m long
- High output LED for large tank applications
- 90 degree light cone creates uniform lighting
- Remote switch option
- LED - 2 years maintenance free
- Alloy C276 design can be C.I.P.
- Pressures through 500 PSI available
- Process temperatures from -320°F to 225°F
- Ambient Temperatures Up To 125°F
- Stainless Steel or Hastelloy® Wetted Materials (Consult Factory for Additional Options.)
- Fiber optic technology delivers light from the LED into the vessel

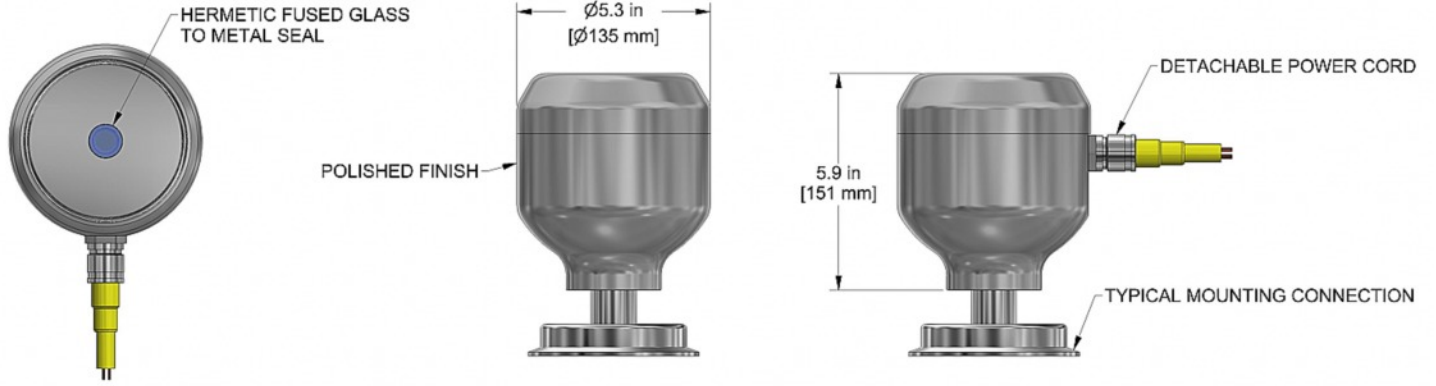
APPLICATIONS

- Brew Kettles
- Hot Wort Tanks
- Fermenters
- Brite Tanks
- Hot Liquor
- Mixing Vessels
- Mash Tuns

SPECIFICATIONS

Power Req:	24V DC, 100-277V AC
Housings:	NEMA 4X, IP 66, sanitary polished construction
Wetted Material:	Alloy C-276/316 S.S.
Power supply:	No external power supply required
Approx. Size:	5 ½" Diameter x 6" Tall
Weight:	5.5 lbs (2.5 kg)

Typical Dimensions



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

Direct Mount Ordering Information

EXAMPLE:

BRW - 2 J B A A

INPUT POWER

2 - 24 Volt DC input
 A - 120 Volt AC input
 B - 230 Volt AC input

CONNECTION SIZE

F - 1"
 H - 1.5"
J - 2"
 L - 3"
 M - 4"
 N - 6" (Requires 2" insertion)

CONNECTION TYPE

A - Tri-Clamp® / NA-Connect®
 C - Flange (150# Class)
 G - Perlick®

INSERTION LENGTH

A - 0" (NOT AVAILABLE IN 6")
 C - 2"

WETTED MATERIAL

B - 316L S.S.
 D - Alloy C276

Notes:

- All 0" insertion systems are Alloy C276 WETTED
- 2" Insertion Systems are all C276 WETTED when selecting WETTED material "D"
- 2" Insertion Systems are all C276/316L WETTED when selecting WETTED material "D"



*Canty reserves the right to upgrade from Stainless Steel to the hastelloy C family of materials at no additional charge.

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