



## TKCL - TANK CONNECTION STAINLESS STEEL LUMINAIRE

Powerful stainless steel LS2024 LED9 Luminaire can be mounted directly to any standard flanged sight glass or TKC-Sight glass welded on vessel or pipeline and provides up to 20 watts of intense glare free illumination through a safety glass lens. Extremely compact are ideally suited for use with fittings for Aseptic processing. Primarily intended for the pharmaceutical and food processing industries; ideal for lighting internals of small vessels such as bio-reactors, laboratory mixers, filters, separators, stirred pressure vessels, miniature tanks, pipelines and other normally enclosed systems in **Non Ex hazardous area**

This Stainless Steel Luminaire is available in two versions:

- 1) with integral mounting clamp enabling it to be fitted onto a Tank Connection
- 2) with hinged mounting bracket

### Advantages:

- Powerful illumination
- Suitable for food & Pharma processing
- Flexible, fast and simple installation with no risk of breakage
- Minimal crevice for sanitary applications
- Dust and water spray tight IP 65 to EN 60 529/DIN VDE 0470, Part 1
- Customized for your needs
- Extremely long operating life and reliability
- Durability, and Impact & Vibration resistant
- No heat radiation from lens:
- Will not heat product in vessel
- Low energy consumption, and long life
- Housing of stainless steel
- with push button momentary on/off switch as well as for continuous operation
- Maintenance free



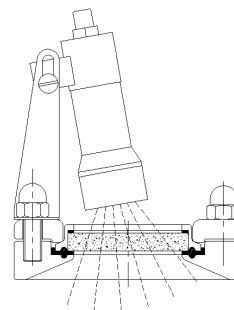
Example of fastening with hinged bracket.

### Power supply & Light

Supply voltage: 24V ac-60 mA  
Output: 20 watts  
Power cable: connection cable is excluded  
Bulb life: over 2000 hours



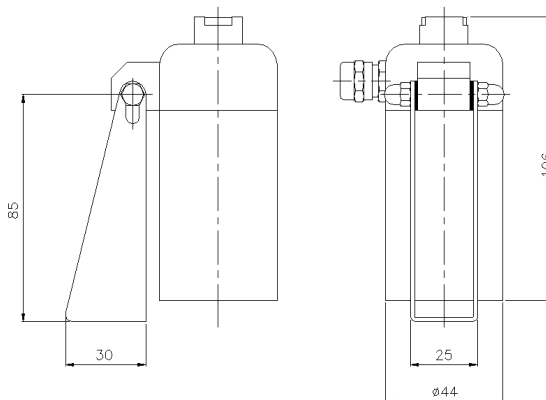
cold light 9 LED lamp  
type GU4 24V-60mA





## Dimensions

Outer diameter: 44 mm  
Light exit diameter: 32 mm  
Also available with adjustable hinged bracket or security clamp for use directly with Tank-connections



## Material:

Housing: Stainless Steel ASTM A 479 / ASTM A 182 – 304  
Hinged bracket: Stainless Steel ASTM A 479 / ASTM A 182 – 304  
Bolts: Stainless Steel ASTM A 193 B8 – 304  
Glass: Tempered glass

## Surface finish:

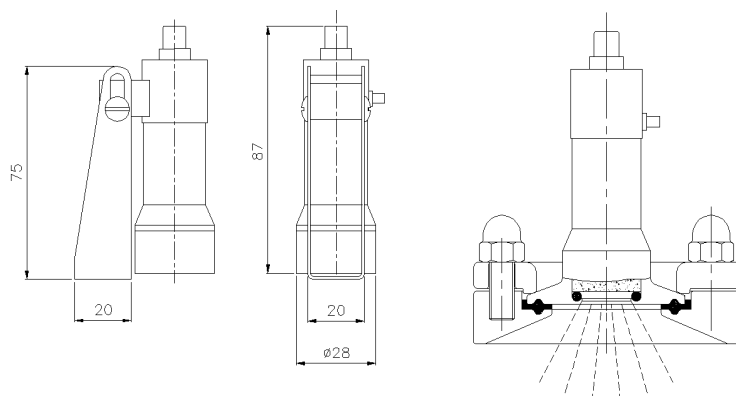
External surface finish: satin  $R_a \leq 0.8 \mu\text{m}$

## Operating conditions:

Independent of vessel internal pressure or vacuum; maximum permissible ambient temperature of  $90^\circ \text{C}$ .

## CAUTION:

**On no CIRCUMSTENCES may the Luminaire be used as a plug or closure - means of sealing of a (pressure) vessel i.e. without a suitable sight glass fitting.**



**Example of fastening with Tank Connection**

Get more information at: [sales@cskbio.com](mailto:sales@cskbio.com)  
The specifications or design are subject to change without prior notice.