

Lumiglas® Mini-Luminaire Stainless Steel, Model USL 01

ISO 9001

For use with sightglass fittings.

DATA SHEET 06.10 11/00

**This Lumiglas mini-luminaire is available in two versions:**

- 1) with integral mounting clamp enabling it to be fitted onto a Lumiglas-sightglass wiper assembly, type SW I (standard).
- 2) with hinged mounting bracket.

This miniaturised luminaire is suitable for use with combined (single port) light/sightglasses as well as separate (two port) arrangement.

**Extremely compact, high light output:**

Dazzle free lighting; fits circular sight glass units to DIN 28120/28121 or similar and likewise rectangular units and screwed sightglass fittings to DIN 11851.

**External Diameter:** 24 mm

**Application:**

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 areas.

Primarily intended for the Pharmaceutical and Food processing industries.

**Protection:**

Dust and water spray tight IP 65 to EN 60 529/DIN VDE 0470 Part 1.

**Operating Conditions:**

Independent of vessel internal pressure or vacuum; max. permissible ambient temperature 90° C.

**On no account may the luminaire be used as a closure/means of sealing of a (pressure) vessel i.e. without a suitable sight glass fitting.**

**Electrical Data:**

The unit is factory fitted with 3 m of connecting cable.

**Power Supply:**

without integral push button

12 V halogen filament lamp 5 W, 2 pin socket G 4

with integral push button

12 V halogen filament lamp 20 W, 2 pin socket G 4

**Transformers:**

Transformers for 12 V or 24 V secondary winding can be supplied on request.

**Integral Push Button:**

**The 20 W units are only supplied with integral push button switch.**

**Mounting brackets:**

The clip on mounting clamp for the Lumiglas-wiper assembly (type SW I) is included in the supply as standard.

If the option of hinged bracket is required, it should be ordered separately.



Lumiglas Mini-Luminaire Stainless Steel, Model USL 01 with hinged bracket.



Lumiglas Mini-Luminaire Stainless Steel, Model USL 01 with mounting clamp fitted on a screwed sightglass fitting with Lumiglas sightglass wiper type SW I.

