

METAGLAS®

Sanitary MetaClamp & USL33 Luminaire (non Ex) Type 80.USL33

Data sheet VM6.02

Application:

Extremely compact unit combining the popular Lumiglas USL-33 light with the proven MetaClamp® sanitary mounting system. This compact combination can be mounted directly to any vessel or pipeline and provides up to 50 watts of intense glare free illumination through a Metaglas safety glass lens. Lights are available with an optional push button momentary on/off switch.

Advantages:

- Extremely compact
- Minimal crevices for sanitary applications
- Suitable for food processing (3-A Standard)
- Dust and water jet resistant (IP65) even during external washdown
- Simple & fast installation with no risk of breakage
- Sight glass resistant to catastrophic failure
- Very high resistance to impact.



Sanitary MetaClamp & USL33 Luminaire (non Ex)

Operating Conditions:

Temperature: (With light) up to 90°C

Pressure: Up to 16bar
Higher pressures possible.

Approvals and Technical Data:

MetaClamp™

Manufactured and tested in conformance with:

- Directive for pressure equipment 97/23/EG 02/98, Module H/H1 (DIN/EN/ISO 9001)
- AD Standards W0/TRD 100
- 3-A Standard for food processing
- Sight glass fused to metal conforming to DIN 7079
- Borosilicate glass to DIN 7080
- Materials to Vd TÜV specifications and the DIN/EN designated standards

Material Certificates:

Certificate of Conformity to EN 10204-3.1B (or 3.1A at extra cost).

Ring Materials:

Duplex Stainless Steel (1.4462)
Hastelloy C-4 (2.4610)
Hastelloy C-22 (2.4602)

Light

Supply	Output	Built in Push button
12V, 24V or 120V AC/DC	20W	With or without
12V, 24V AC/DC	50W	With
120V AC	50W	With or without

Housing: Stainless steel 1.4301

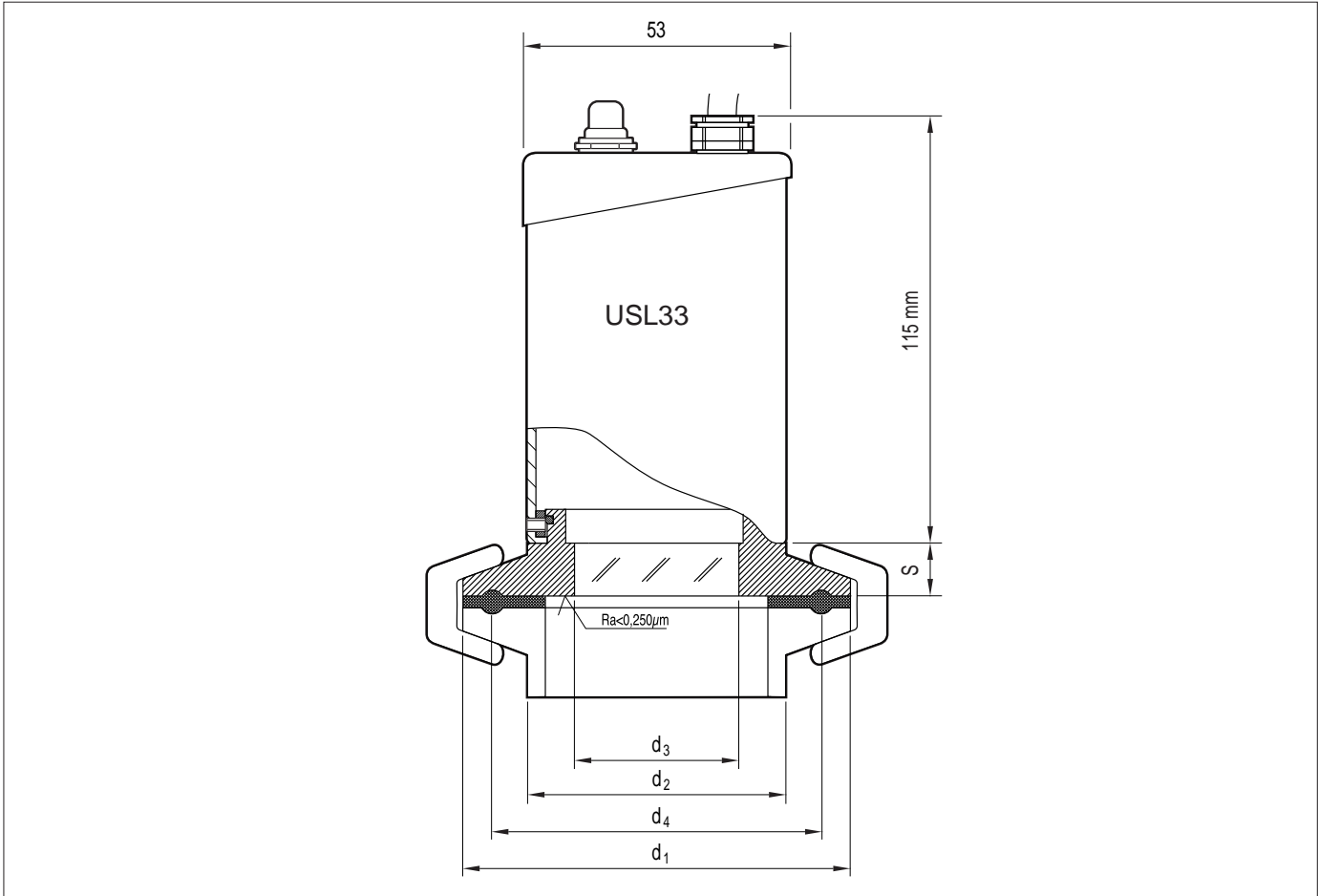
Power cable: 3m

Bulb life: 2000 hours

Dust and water-jet proof to IP65 & EN60 529/DIN VDE 0470 part 1.

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Type 80.USL33



Standard tube OD		d1	d2	d3	d4	S	Max. operating pressure (bar)
DN (mm)	DN (inch)						
25/32/40	1"/1 1/2"	50.5	41	25	43.5	7	16
50	2"	64	52	30	56.5	7	16
65	3"	91	76	35	83.5	10	10
80 *	3 1/2" *	106	90	35	97	10	10

* Recommend Sanitary MetaClamp and USL 35

Ordering Information

Please specify your selected items as follows:

Standard Tube OD (DN)

Pressure

Ring Material

Lamp supply voltage & output power

With or without push button

08/2001

All dimensions in mm unless otherwise stated
Subject to change without notice