

METACLAMP® Sight glass for clamp fitting for luminaire USL35 or KLR-A



Applications

- Powerful stainless steel LumiGlass USL-35 light with the proven Metaclamp sanitary mounting system. This compact combination can be mounted directly onto any vessel or pipeline and provides intense, glare-free illumination through a METAGLAS® safety glass lens. Lights are available with an optional push button momentary on/off switch

Material certificates

- Certificate of Conformity to EN 10204-3.1 or 3.2 at a surcharge

Metaclamp Materials

- Duplex stainless steel (1.4462)
- Hastelloy C-22 (2.4602)
- Hastelloy C-4 (2.4610)

Operating conditions

- Pressure: -1 to 10 bar
- Temperature: See table

Ring materials	Temperature (TS)
1.4462	-30°C to +280°C
2.4602	-60°C to +300°C

Approvals and technical data

- Pressure Equipment Directive 2014/68/EU, Module H (DIN/EN/ISO 9001)
- AD2000 Standards W0/TRD 100
- Sight glass fused to metal conforming to DIN 7079
- Materials to VdTÜV specifications and the DIN/EN designated standards
- Glass: borosilicate to DIN 7080 / DIN 7079

Advantages

- Powerful illumination
- Minimal crevices for sanitary applications
- Suitable for food processing (A3-Standard)
- Dust and water-jet resistant (IP65) even during external washdown
- Fast and simple installation with no risk of breakage
- Wide range of voltages available
- Very high resistance to impact
- Sight glass resistant to catastrophic failure

For further technical information, see data sheets USL33/ ESL53 or BKVLR-A

Nominal size			d1	d3	d4	S	Max. operating pressure [bar]
DIN	ISO	ASME BPE					
25/32/40	15/20/25	1", 1½"	50,5	28	43,5	21	16
50	32/40	2"	64	32	56,5	25	16
-	50	2½"	77,5	35	70,5	21	16
65	65	3"	91	45	83,5	22	10
80	80	3½"	106	50	97,0	22	10
100	-	4"	119	51	110,0	23	10
125	125	5½"	155	51	146,0	25	10
-	-	6"	167	52	156,5	27	10