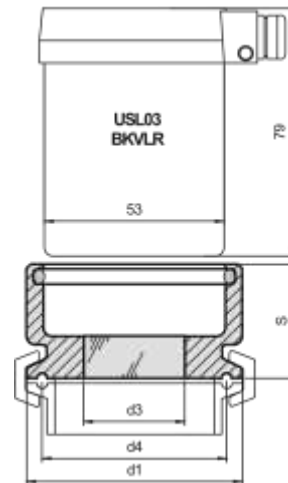


Type 80.USL03

METACLAMP® Sanitary Metaclamp & Luminaire USL03 or BKVLR



Applications

- Extremely compact unit combining the popular Lumiglas USL-03 light with the proven Metaclamp sanitary mounting system. This compact combination can be mounted directly to any vessel or pipeline and provides up to 50W of 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 for extra costs

Sanitary Metaclamp Materials

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

Operating conditions

- Pressure: -1 to 16 bar
- Temperature: see table
- Temperature: (With light) up to 80°C

Ring materials Operating temperature

1.4462	-30°C to +280°C
2.4602	-60°C to +300°C
2.4610	-60°C to +300°C

Technical data

Manufactured and tested to:

- Directive for pressure equipment 97/23/EG 02/98, 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

- Extremely compact
- High light output
- Suitable for food processing (A3-Standard)
- Dust and water jet resistant (IP65) even during external washdown
- Fast & simple installation with no risk of breakage
- Very high resistance to impact
- Sight glass resistant to catastrophic failure

Light USL-03 or BKVLR (none Ex)

- Supply Voltage 24V or DC
- Output: 20W (without built in push button)
 50W (with built in push button)
- Housing Stainless steel DIN 1.4301 or similar
- Power cable 3 m
- Bulb life: Over 2500 hours
- Dust and water-jet proof IP65 & EN60 529/DIN VDE 0470 part 1

Nominal size

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	34	16
50	32/40	2"	64	34	56,5	34	16
-	50	2½"	77,5	38	70,5	34	16
65	65	3"	91	50	83,5	34	10
80	80	3½"	106	50	97,0	34	10
100	-	4"	119	55	110,0	34	10