



3 Lighting



10 Tank inspection lighting

3 ATEX sight glass fixtures USL07-LED series

The compact explosionproof USL tank inspection lighting is especially designed to illuminate the interior of boilers, tanks, reactors, etc. and fits on all common sight glass fittings.

This LED-version has a temperature class T6 and can be used in environments up to 60°C.

Specifications

Housing	corrosion-resistant aluminium alloy G-Al Si 12 Mg
Seal	O-ring (VITON)
Protection	IP65
Lamp	LED 14W
Earthing	in- and exterior earthing bolt
Cable entry	Exe connection box with M20 cable gland
Ambiant temperature	-20°C - +60°C
Mounting	by means of 2 included hinged brackets made of stainless steel (M8 fastener)
Sight glass fittings	the fittings fit on sight glass fittings from size DN50
Guideline	ATEX
Manufacturer	Papenmeier - Lumiglas

Ex II 2 G Ex db eb IIC T6 Gb

Ex II 2 D Ex tb IIIC T80°C Db

Zone 0	✗	Zone 20	✗
Zone 1	✓	Zone 21	✓
Zone 2	✓	Zone 22	✓

BVS16ATEXE106X



On request

- halogen lamp

Ordering data

Code	Lamp	Supply voltage	Temp. class	Weight
USL07EX024-LED11	14W LED, beam angle 11°	24VAC/DC	T6	3.9 kg
USL07EX230-LED11	14W LED, beam angle 11°	120-230VAC	T6	3.9 kg
USL07EX024-LED26	14W LED, beam angle 26°	24VAC/DC	T6	3.9 kg
USL07EX230-LED26	14W LED, beam angle 26°	120-230VAC	T6	3.9 kg

Dimensional sketches

