

## SGL

LED sight glass illumination  
for sight glass flanges, sight glass plates  
and Tri Clamp Sight Glasses PMMA



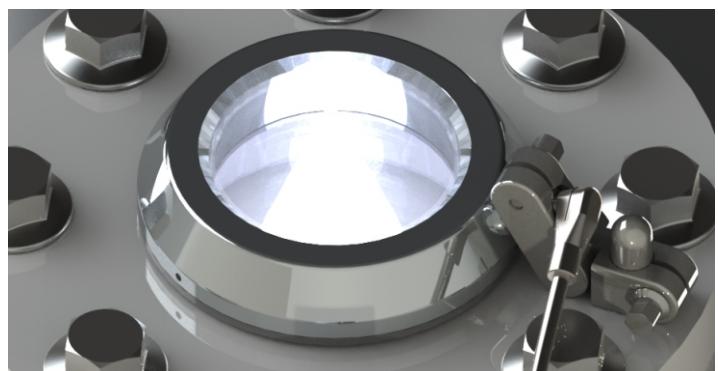
Powerful LED illumination for homogeneous and effective illumination of tank and pipe systems.



powerful, robust, cleaning-optimised

### brief description:

These powerful LED illumination has been developed to meet the hygienic standards to illuminate tank and pipe systems. Special features of this illumination are the optimised comfort in application on the one hand: you are looking through the center of the illumination. And on the other hand, as manufacturer of tank systems, you need one sight glass less than usual. Optimally suited for retrofit. Simply brilliant. Because of the various versions, the illumination can be used in many ways.



example: SGL sight glass lighting with mounting joint GH12

## features:

- uniform, high-contrast object illumination of agitators, tanks, boilers, piping systems in non explosive environments
- very compact, cleaning-optimised design
- housing stainless steel 1.4404 polished
- lightcolour white
- temperature protection switch-off of the LED's >80°C
- protection glass PMMA

## electrical connections:

sensor plug M8 / 4-pole

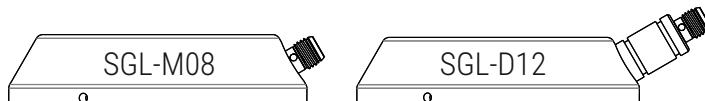
PIN	colour	description
1	brown	supply voltage 24VDC
2	white	
3	blue	0V GND
4	black	



## technical data:

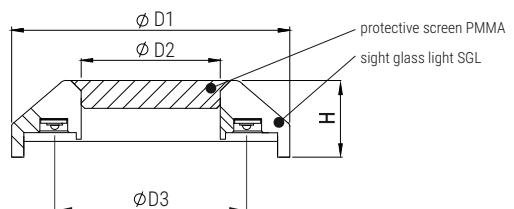
supply voltage:	24VDC (+10%)
current continuous mode:	100-200mA
service life (MTBF):	min. 20.000h
ambient temperaturer:	0°C ... 50°C
protection class:	IP68

UL-compliant

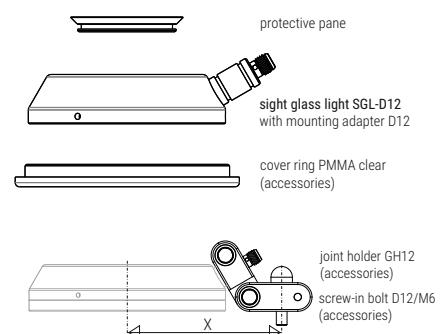


SGL-Typ	D1 mm Outer Ø	D2 mm viewing Ø	D3 mm LED-Circle of illumination Ø	height mm	power in W	lumen lm	housing- material	protective pane PMMA (ETW ID)
SGL-080-40-M08	80	40	52		3,0	270		70003312
SGL-080-40-D12								
SGL-095-55-M08	95	55	67	20	4,0	360	stainless steel 1.4404 polished	70003314
SGL-095-55-D12								
SGL-110-70-M08	110	70	82		5,0	400		70003315
SGL-110-70-D12								

## dimensions



## SGL-construction



## accessories

SGL-Typ	tri clamp sight glass PMMA acc. to DIN32676 nominal diameter-outer Ø	ETW ID	cover ring PMMA (ETW ID)	joint holder GH12 screw-in bolt	X in mm	push button cable SGL-TK (ETW ID)
SGL-080-40-M08	NW65 / 91mm	70002642				
SGL-080-40-D12			70003586	78000453 70003359	82,5	
SGL-095-55-M08	NW80 / 106mm	70002930				
SGL-095-55-D12			70003584	78000453 70003359	90,0	10000263
SGL-110-70-M08			70003585	78000453 70003359	97,5	
SGL-110-70-D12						

subject to change without notice. Further model variants and special solutions on request.

