



FEATURES:

The fixture can be relamped without removing the unit from the sight port or disturbing any electrical connections.

Lamp and wiring components are separate and are individually explosion-proof per UL-844 and C-UL/CSA C22.2 No. 137.

Lighting fixture is mounted to outer sightglass flange, completely external to vessel pressure.

The fixture can easily be mounted on existing pressure vessel installations by means of brackets provided.

For corrosion resistance, fixtures are made of copper-free (less than 0.004 copper content) aluminium alloy - No. 356T6.

Castings have heavy walls to withstand internal explosions without damage. They will also contain and extinguish the flames of burning gases-before they ignite the surrounding atmosphere.

All metal joints are either threaded or ground. The glass lens is finely ground borosilicate glass that mates with the precisely machined seat in the body of the fixture to form the seal.

SERIES SLEX-100 and REX-100 EXPLOSION-PROOF LIGHT FIXTURE

Explosion-proof, UL-844 and cUL/CSA C22.2 No.137 listed, electrical lighting fixtures are used in hazardous (classified) locations. Both the REX-100 and the SLEX-100 models use high-intensity halogen lamps to provide bright, glarefree illumination of the interior of vessels, tanks, hoppers, silos, mixers and other normally closed containers in hazardous locations requiring explosion-proof equipment. The REX-100 is provided with a highly polished internal reflector which increases the illumination intensity

The explosion-proof light can be supplied mounted on to the upper flange of our circular sightglass to form a complete lght/sightglass assembly. The light fixture can also be mounted to our smaller viewing diameter sightglasses such as 3-1/4" and 4" to form an illumination port. The illumination port used in conjunction with a a standard sightglass offers the user many options. Such options include using a TV or Video camera on the free sightglass to capture images from the inside of the tonk.

MODEL	REFLECTOR	VOLTS	WATTS (MAX)	CLASS	DIV.	GROUP	TEMPERATURE CODE	MAXIMUM OPERATING TEMP.	
SLEX-100	NO	120	100	I	1,2	C,D	T4A	248°F	120°C
SLEX-100	NO	120	100	II	1	E,F,G	T3C	320°F	160°C
REX-100	YES	120	100	I	1	C,D	T2B ¹	500°F	260°C

**SERIES SLEX/REX-100
UL-844 LISTED EXPLOSIONPROOF LIGHT FIXTURE**

SCALE: NTS

DRAWING NO: