

EX-CEILING AND PENDANT LIGHT FITTINGS

**AB 50 and AB 80 for Incandescent lamps of up to 100 W
Metal version for Zone 1**

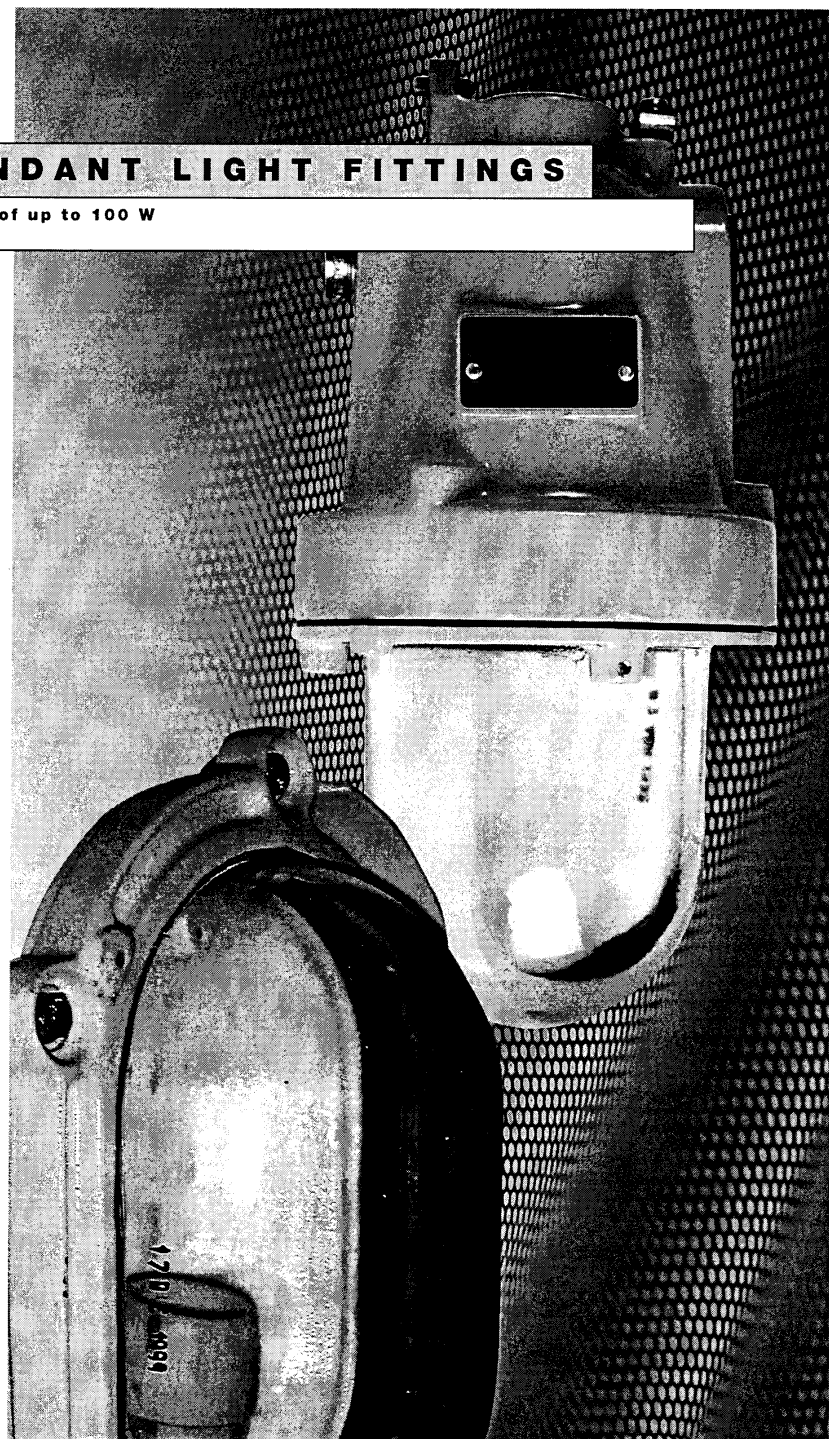
Description

These explosion-protected light fittings for incandescent and discharge lamps are in accordance to the ATEX-Directive 94/9/EG as well as the European Norms EN 50014, EN 50018, EN 50019 and EN 60598.

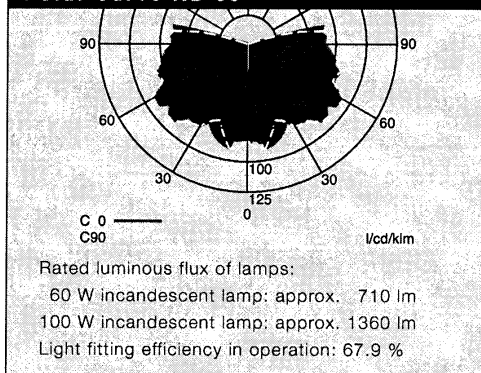
The light fittings are fitted with an impact-resistant and thermally stable dome-shaped glass. All external screws are made of high quality stainless steel. The distinguishing characteristics of this series are the low weight and the simple installation.

The AB 50 is a pendant light fitting, the AB 80 light fitting is a flat light fitting for ceiling mounting and the robust SPG 1 N with guard is designed as a portable work light.

Due to their robust architecture, these light fittings are suitable for use in the chemical industry and have been certified for usage in environments with a temperature of up to +55° C.



Polar curve AB 50

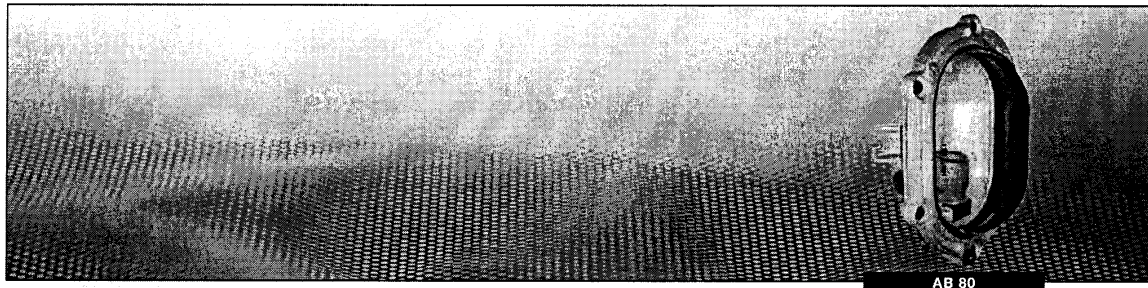


**Certified for environmental
temperatures of up to +55° C**

**Fulfils highest requirements
on corrosion protection
and mechanical stability**

**Robust light alloy housing
Easy installation**

**High quality stainless steel screws,
easier lamp replacement**

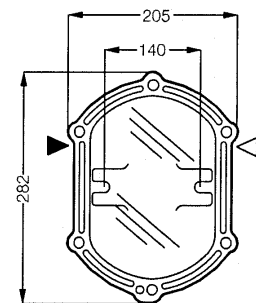


AB 80

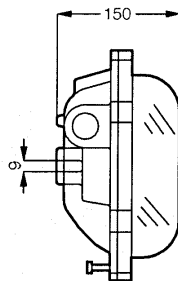
EX - CEILING LIGHT FITTINGS

AB 80

4.5



▶ entry
▽ optional entry, on request



AB 80

Technical data

Type AB 80

Marking to 94/9/EC	Ex II 2 G
Type of protection	EEx d IIB T4 (incandescent lamp 60 W + 100 W), T6 (PL-lamp 11 W)
EC-Type Examination Certificate	LOM 01 ATEX 2041 X
Enclosure material	Cast iron
Light transmitting cover	Borosilicate glass
Rated voltage	≤ 250 V AC
Protection category to EN 60529	IP 55
Insulation class	I
Permissible ambient temperature	-20 °C to +55 °C
Cable entry holes	direct entry EEx d: 2 x 3/4" ISO 7/1-thread
Connecting terminals	L1 and N: 1 x 2.5 mm ² (or 2 x 1.5 mm ²) PE intern. and ext.: 2 x 6 mm ²
Lamp holder	E27 accord. IEC 60238
Lamps	Incandescent lamp 60/100 W compact fluorescent lamp 11 W
Weight	approx. 6.6 kg

Ordering details

Type	Entry holes	Cable entry Ex-d for cable Ø	Blanking plug Ex-d	Order No.
AB 80	2 x 3/4"	10 - 14 mm	1 x 3/4"	NOR 000 005 120 125
AB 80	2 x 3/4"	-	1 x 3/4"	NOR 000 005 120 124

Scope of delivery without illuminant and fixing accessories.

See fixing materials for Ex-pendant light fittings and floodlights on page 4.34.