

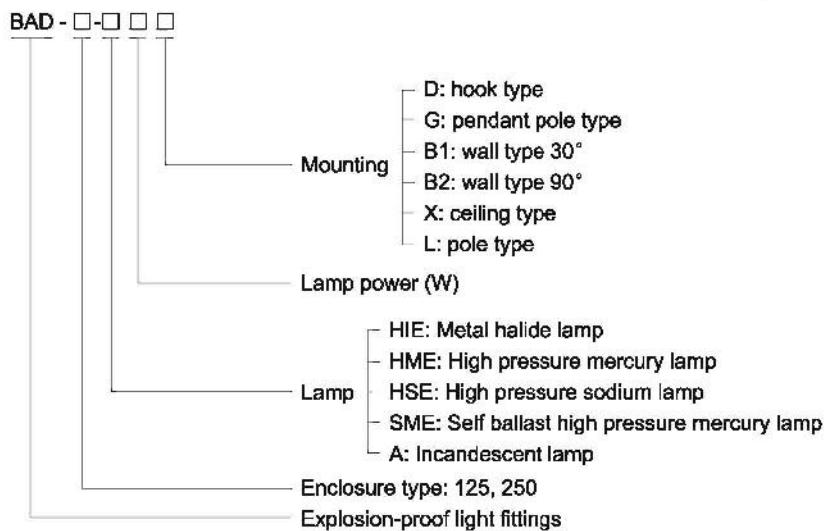


Pendant Light Fittings

BAD Series Explosion-proof Light Fittings

- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
- ◆ Available lamp:
 - Metal halide lamp (HIE)
 - High pressure mercury lamp (HME)
 - High pressure sodium lamp (HSE)
 - Self ballast high pressure mercury lamp (SME)
 - Incandescent lamp (A)
- ◆ Two enclosure types: 125, 250.
- ◆ Fast opening, easy maintenance.
- ◆ Powder coated wire guard, white.
- ◆ Toughened glass cover resistant to temperature changes.

Catalogue number logic



Selection table

Type/Ordering code	Available lamp power (W)					Lamp holder	Weight (kg)
	HIE	HME	SME	HSE	A		
BAD-125	70, 100, 150	80, 125	125, 160	70, 100	200	E27	5.20
BAD-250	175, 250	175, 250	250	150, 250	300	E40	6.10

Note

1. Mounting accessories are not supplied with light fittings. Please specify when ordering (See Mounting Accessories & Spare Parts Table on P2/50~51)
2. The light fittings are supplied without lamp. PHILIPS lamps are recommended.
3. BAZ51 explosion-proof ballast is optional. See P2/102~103.
4. The light fittings are supplied without external reflector. Please specify when ordering.

Zones 1&2

Technical data		
Explosion-proof light fittings	BAD-125-□□□	BAD-250-□□□
Explosion protection Gas explosion protection	II 2 G Ex d IIB T4	
Certificates	PTB 03 ATEX 1077; IECEx CQM 07.0010	PCEC(China)
Conformity to standards	EN 50014:1997+A1+A2, EN 50018:2000+A1 IEC 60079-0: 2004, IEC 60079-1: 2003	IEC 60079-0: 2007 IEC 60079-1: 2007
Material	Copper-free aluminium, powder coated surface, yellow (RAL1021)	
Enclosure	Powder coated carbon steel, white	
Wire guard	Toughened glass, stands 4J impact	
Transparent cover	High-purity aluminium	
Internal reflector	Pure aluminium, anodicoxidation treatment for surface	
External reflector (optional)	Stainless steel	
Exposed fastener		
Lamp		
Lamp holder	E27	E40
Available lamp and lamp power (W)	HIE: 70W, 100W, 150W	HIE: 175W, 250W
	HME: 80W, 125W	HME: 175W, 250W
	SME: 125W, 160W	SME: 250W
	HSE: 70W, 100W	HSE: 150W, 250W
	A: 200W	A: 300W
Rated voltage	220~240V AC 50/60Hz	
Earthing protection	M5 (internal & external earth bolts)	
Degree of protection	IP65	
Ambient temperature	-20°C~+55°C	
Terminal	3 x 1.5~2.5mm ² (L+N+PE)	
Cable entries	G3/4" (NPT3/4" or M25 x 1.5 with reducer on request)	
Cable gland	See Mounting Accessories and Spare Parts Table	
Available cable outer diameter	Φ 10~Φ 14 (mm)	



Dimension drawings (all dimensions in mm) - subject to alteration

