

BAZ51 Series Explosion-proof Ballast



BAZ51 series explosion-proof ballast is our latest updated, entitled with exclusive property right and related patents. It conforms to IEC, EN standard and 94/9/EC instruction.

BAZ51 series lighting has passed type test by LCIE and has gained LCIE certificate of conformity.

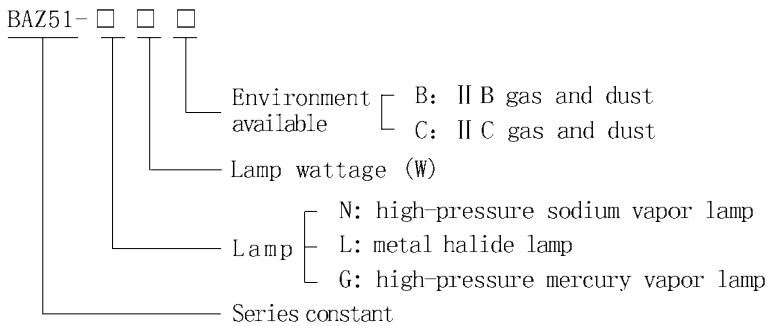
For use in hazardous area Zone 1, Zone 2 and Zone 20, Zone 21, Zone 22; IIA, IIB and IIC explosive gas atmospheres.

Used with high pressure sodium vapor lamp, metal halide lamp or high pressure mercury vapor lamp, in the circuit of 220V/50Hz, separately mounting and combined mounting with explosion-proof lighting are both available.



LIGHTING

◇ Catalog number logic



◇ Compliances

94/9/EC instruction
 IEC 60079-0, IEC 60079-1
 EN 50014, EN 50018
 GB 3836.1-2000, GB 3836.2-2000

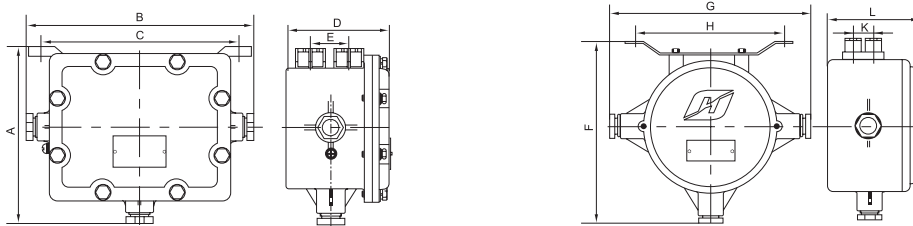
◇ Certificates of conformity No. :

LCIE 06 ATEX 6019
 CE021082
 CNEx05.1296

◇ Features

Housings made of die-cast aluminum alloy, high-voltage electrostatic spray, earthing bolts inside and outside. Ballast, connector base, power factor and extra capacitor included in the housings. Cable entry made of aluminum alloy integral into housings, available in the bottom and both sides of the housings, locknut and sealing ring included. Through the entry, cable connected to connector base. Both steel pipe wiring and cable wiring are available. Used as mounting box as well.

◇ Dimension versions



◇ Technical data

BAZ51- □ □ B

BAZ51- □ □ C

Description	Lamp	Watt (w)	Marking	Protection	Hub size	Cable O. Dφ(mm)	Rated voltage	II B Size(mm)/Weight(kg)					II C Size(mm)/Weight(kg)											
								A	B	C	D	E	Weight	F	G	H	L	K	Weight					
BAZ51-L70	Metal halide lamp	70	EExd II BT4	IP65	G3/4"	10~14	AC220V 50Hz	216	275	240	127	50	3.5	268	276	210	136	30	4.9					
BAZ51-L100		100						216	275	240	127	50	4.0	268	276	210	136	30	5.2					
BAZ51-L175		175						216	275	240	127	50	5.4	268	276	210	136	30	5.5					
BAZ51-L250		250						216	275	240	127	50	5.5	268	276	210	136	30	5.6					
BAZ51-L400		400						224	275	270	136	60	7.0	294	298	210	155	30	7.9					
BAZ51-N70	High-pressure sodium vapor lamp	70						EEx II 2G	IP65	G3/4"	10~14	AC220V 50Hz	216	275	240	127	50	3.3	268	276	210	136	30	5.1
BAZ51-N100		100						EExd II BT4					216	275	240	127	50	3.9	268	276	210	136	30	5.3
BAZ51-N110		110						EEx II 2G					216	275	240	127	50	3.9	268	276	210	136	30	5.3
BAZ51-N150		150											224	306	270	136	60	5.5	268	276	210	136	30	5.5
BAZ51-N250		250											224	306	270	136	60	7.3	294	298	210	155	30	7.8
BAZ51-N400		400	224	306	270	136	60						7.6	294	298	210	155	30	9.6					
BAZ51-G80		80	216	275	240	127	50						3.3	268	276	210	136	30	4.7					
BAZ51-G125		125	216	275	240	127	50						3.2	268	276	210	136	30	5.3					
BAZ51-G175		175	224	306	270	136	60						5.1	268	276	210	136	30	5.5					
BAZ51-G250		250	224	306	270	136	60						5.2	268	276	210	136	30	5.6					
BAZ51-G400	400	224	306	270	136	60	7.5		294	298	210	155	30	7.6										

◇ Ordering information

- 1 Select the product according to catalog number logic such as proper lamp, wattage etc.
- 2 Please note if any special requirements such as power factor ≥ 0.9.
- 3 We reserve the power of final interpretation and to make alterations to the technical data, weights, dimensions, designs and products available without notice.