

BAY51 Series Explosion-proof Fluorescent Lighting

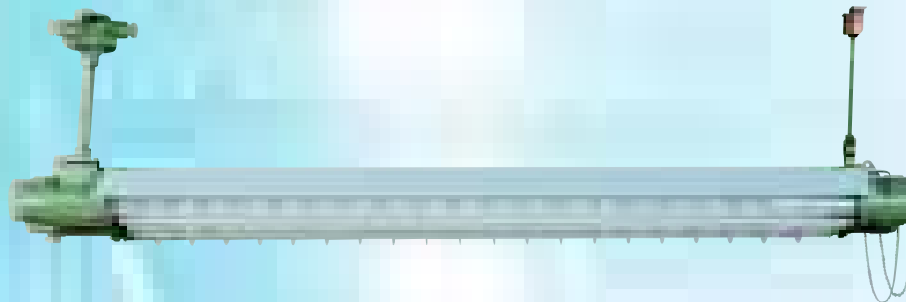


BAY51 series explosion-proof fluorescent lighting is our latest updated, entitled with exclusive property right and related patents. It conforms to IEC, EN standard and 94/9/EC instruction.

BAY51 series lighting has passed type test by CNAEL and has gained CNAEL certificate of conformity.

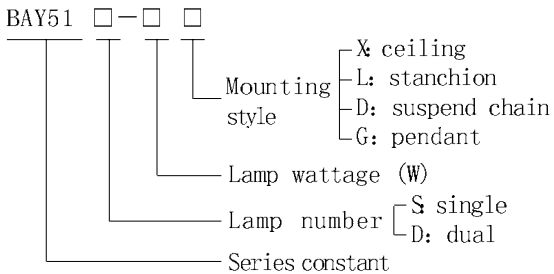
For use in hazardous area Zone 1, Zone 2 and Zone 20, Zone 21, Zone 22; IIA and IIB explosive gas atmospheres.

Typical application includes chemical and petrochemical processing facilities, off-shore and dockside installations, military industry and warehouse.



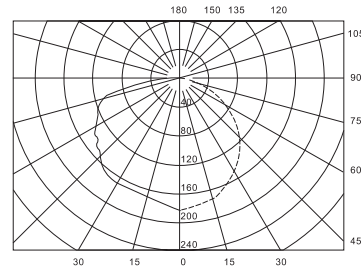
LIGHTING

◇ Catalog number logic



◇ Compliances

94/9/EC instruction
 IEC 60079-0、IEC 60079-1、IEC 60079-7
 EN 50014、EN 50018、EN 50019
 GB 3836.1-2000、GB 3836.2-2000、GB 3836.3-2000



Luminous intensity distribution cd/1000lm

◇ Certificates of conformity No:

8020125

◇ Features

- Housings made of die-cast aluminum alloy with semi-auto hydraulic facilities one-off formation under high temperature and high-pressure for strength and resistance to corrosion. Most compact in size and smooth in surface.
- Roboblast and epoxy resin finish by semi-auto high-voltage electrostatic spray applied for housings, corrosion-free and exposure free.
- Toughened glass applied for transparent globe for 4J impact and over 98% light transmittance. Seal in conjunction of glass cover and housing for protection.
- Internal inductance ballast for quick-action and reliability.
- Quick-action cover for easy lamp mounting and relamping.
- All external hardware-stainless steel for resistance to corrosion.
- Complete selection of mounting style.
- Both steel pipe wiring and cable wiring are available.

◇ Technical data

Description	Rated voltage	Rated wattage (W)	Hub size	Cable O.D φ(mm)	Marking	Corrosion protection	Protection	Weight (kg)
BAY51S-20 □	AC220V 50Hz	20 × 1	G3/4"	10~14	⊕ II 2G EExde II BT6	WF 1	IP65	3.2
BAY51S-30 □		30 × 1						5.6
BAY51S-40 □		40 × 1						6.5
BAY51D-40 □		20 × 2						7.4
BAY51D-60 □		30 × 2						9.2
BAY51D-80 □		40 × 2						12.5

◇ Dimension versions

Description	Dimension and mounting versions (mm)			
	Stanchion (A × B)	Ceiling (A × B)	Pendant (A × B)	Suspend chain (A × B)
BAY51S-20	796 × 675	796 × 634	796 × 634	796 × 675
BAY51S-30	1100 × 978	1100 × 937	1100 × 937	1100 × 978
BAY51S-40	1408 × 1285	1408 × 1244	1408 × 1244	1408 × 1285
BAY51D-40	796 × 630	796 × 589	796 × 589	796 × 630
BAY51D-60	1100 × 930	1100 × 889	1100 × 889	1100 × 930
BAY51D-80	1408 × 1235	1408 × 1194	1408 × 1194	1408 × 1235

◇ Dimension versions

Stanchion	Srl. No.	Description	Qty	Specification
	①	Stanchion fittings	1	Equipped by user, 2300mm high stanchion recommended.
	②	Explosion-proof fluorescent lighting	1	BAY51 □ - □ L.
	③	Pipe clamp G1 1/4"	2	Included with lightings when ex-work.
	④	Mounting bracket	2	
	⑤	M8 bolt	2	
Remarks: All mounting fasteners are equipped by user.				
Ceiling	Srl. No.	Description	Qty	Specification
	①	M8 bolt	1	Included in the lighting when ex-work.
	②	Explosion-proof fluorescent lighting	1	BAY51 □ - □ X.
	③	Flexible coupling G1 1/2"	1	Included with lightings when ex-work.
	④	Mounting bracket	1	
	⑤	Explosion-proof terminal box	1	
Remarks: All mounting fasteners are equipped by user.				
Suspend chain	Srl. No.	Description	Qty	Specification
	①	Chain fittings	2	Included with lighting when ex-work.
	②	Expansion bolt	2	
	③	Explosion-proof fluorescent lighting	1	BAY51 □ - □ D.
	④	Explosion-proof terminal box	1	Included in the lightings when ex-work.
Remarks: All mounting fasteners are equipped by user.				
Pendant	Srl. No.	Description	Qty	Specification
	①	M8 × 350 bolt	1	Included with lightings when ex-work.
	②	Explosion-proof fluorescent lighting	1	BAY51 □ - □ G.
	③	Pipe G1 1/2"	1	Included with the lightings when ex-work.
	④	Mounting bracket	1	
	⑤	Explosion-proof terminal box	1	
Remarks: All mounting fasteners are equipped by user.				

◇ Ordering information

1. Select the product according to catalog number logic such as rated wattage and mounting style.
2. Please note if any special requirements for power.
3. We reserve the power of final interpretation and to make alterations to the technical data, weights, dimensions, designs and products available without notice.

LIGHTING