

BAT51 Series Explosion-proof Projector Lighting



BAT51 series explosion-proof lighting is our latest updated, entitled with exclusive property right and related patents. It conforms to IEC, EN standard and 94/9/EC instruction.



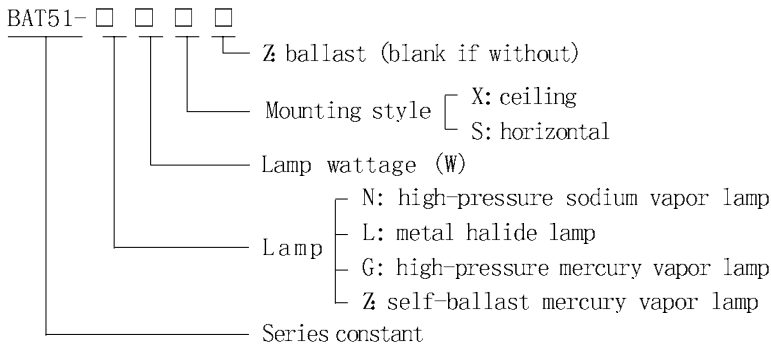
BAT51 series lighting has passed type test by PCEC and has gained PCEC certificate of conformity.

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.



◇ Catalog number logic



◇ Features

- 1 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.
- 2 Roboblast and epoxy resin finish by semi-auto high-voltage electrostatic spray applied for housings, corrosion-free and exposure free.
- 3 Toughened glass transparent globe for 4J impact and over 98% light transmittance.
- 4 Glass globe guard supplied with galvanized, epoxy resin finish for resistance to corrosion.
- 5 All external hardware-stainless steel for resistance to corrosion.
- 6 Doom reflector made of copper-free aluminum, paraboloid improves reflectivity.
- 7 Adjustment that allows rotation of 360° horizontally, adjustable at an elevation of +90 degree to -60 degree.
- 8 Two models 400 type and 1000 type for option, explosion-proof ballast is not included for 400 type when ex-work, should be ordered separately. Details of BAZ51 explosion-proof ballast can be found in the catalogue. Explosion-proof ballast is included for 1000 type when ex-work with lighting.
- 9 For use with sodium, metal halide, incandescent and mercury vapor lamps of E40 lamp holder.
- 10 Complete selection of mounting style-ceiling style and horizontal style, easy maintenance.
- 11 Cable wiring is available.

◇ Technical data

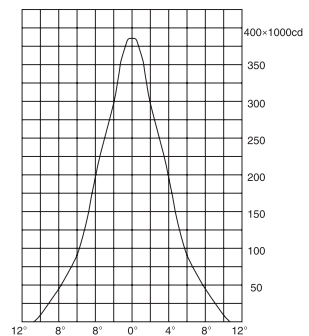
Description	Power	Lamp available	Hub size	Cable O. D φ(mm)	Lamp holder	Marking	Corrosion Protection	Protection	Weight (kg)
BAT51- □ 400	AC220V 50Hz	Metal halide lamp: 175/250/450W Self-ballast mercury vapor lamp: 250/450W High-pressure mercury vapor lamp: 175/250/400W High-pressure sodium vapor lamp: 150/250/400W	G3/4"	10~14	E40	⊕ II 2G EExd II BT3	WF 1	IP65	14.5
BAT51- □ 1000		Metal halide lamp: 250/450W High-pressure sodium vapor lamp: 250/450W				⊕ II 2G EExd II BT2			75

◇ 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. :

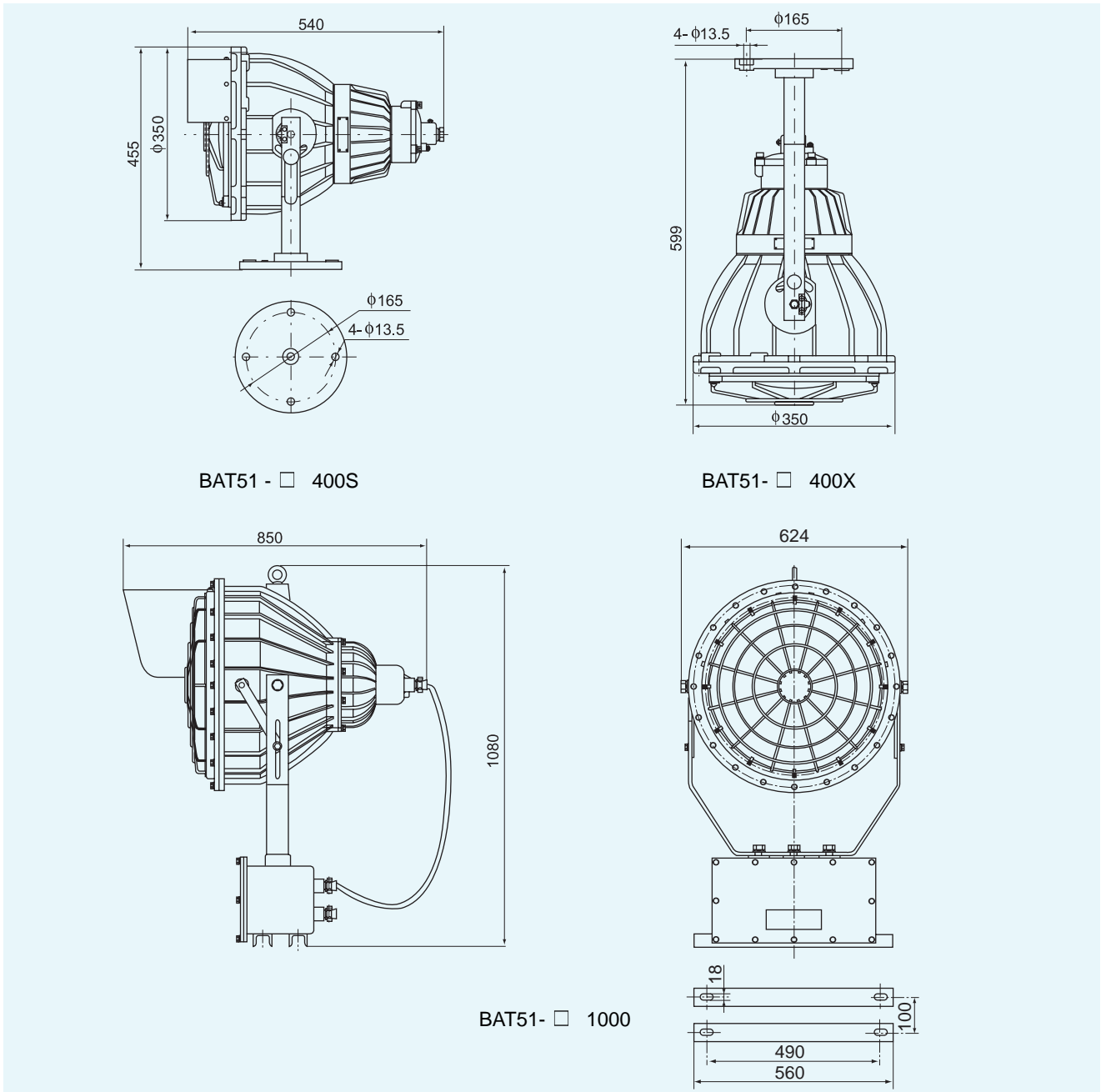
CE031240



Luminous intensity distribution cd/1000lm



◇ Ordering information



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1. Select the product according to catalog number logic such as proper lamp, lamp wattage and mounting style.
2. Please note if any special requirements for power.
3. Lamp is not included when ex-works. Please adopt suitable lamp, technical requirements provided for reference PHILIPS is recommended.
4. Ordering example:
Enquiry: 250W sodium lighting, ceiling mounting, with explosion-proof ballast, AC220V/50Hz
Ordering code: BAT51-N250XZ.
5. We reserve the power of final interpretation and to make alterations to the technical data, weights, dimensions, designs and products available without notice.