

ATX™ HBE Series Round Bulkhead Luminaires

Increased Safety. Incandescent

ATEX:
Zone 1 and 2 - 21 and 22
Ⓢ II 2 GD
IP65

Applications

- Suitable for use in:
 - Stairways
 - Small areas
 - Emergency exit

Features

- For incandescent lamps 60 W to 150 W maximum, mixed lamp 100 W maximum. Lamps not supplied.
- E27 lampholder.
- Screw locking mechanism.
- Operates in all positions.
- Connection to lampholder via two 2 x 2.5 mm² (0.003 x 0.004 in²) terminals.
- Internal earth two terminals 2 x 2.5 mm² (0.003 x 0.004 in²). External earth 1 x 4 mm² (0.002 x 0.006 in²).
- Three M20 entries in “T” formation. Supplied with one M20 cable gland [6.5 to 14.5 mm (0.26 to 0.57 in) diameter] and two M20 blanking plugs.

Standard Materials

- Body: gray painted aluminum alloy
- Diffuser: glass
- Sealing gasket: silicone
- Guard: zinc plated steel
- Cable gland and blanking plug: polyamide

ATEX Certifications and Compliances

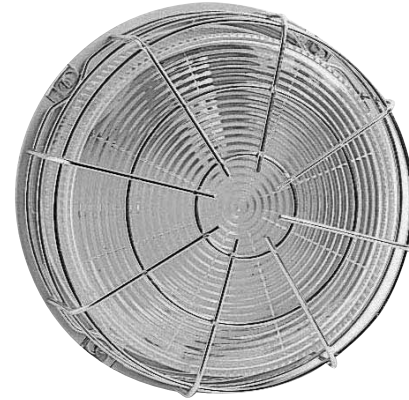
- Certification Type: HBe150
 - Gas: Zones 1 and 2
 - Conforming to ATEX 94/9/CE: Ⓢ II 2 G
 - Type of Protection: Ex e II
 - Temperature Class: See *T Rating (Gas) and Surface Temperature (Dust) Table*
 - Dust: Zones 21 and 22
 - Conforming to ATEX 94/9/CE: Ⓢ II 2 D
 - Type of Protection: Ex tD A21
 - Surface Temperature: T102 °C to T137 °C (T216 °F to T279 °F)
- Ambient Temperature: -40 °C to +50 °C (-40 °F to +122 °F)
- CE Declaration of Conformity: 50244
- ATEX Certificate: LCIE 02 ATEX 6228X
- Index of Protection according EN/IEC 60529: IP65

EURASEC Certification

- EURASEC N° TC RU C-FR.Г505.B.00912

Other Certification

- INMETRO Certificate: BVC 11.0494-X ①



HBERI15 and HBEPGZ

INCANDESCENT/AREA: ATEX INCREASED SAFETY


Appleton®

① Inmetro certification available on special request only. Contact your local sales representative for more information.

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







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	Weight kg (lb)	Volume dm ³ (in ³)	Catalog Number
	3 (6.61)	15 (915.36)	HBERI15

Accessories

	Catalog Number
Protective Guard	HBEPGZ
Spare Lamp Glass	HBEGD

T Rating (Gas) and Surface Temperature (Dust) Table

Lamp Type and Wattage			Gas				Dust
Wattage	Type	Operating Positions	For Ta = +40° C (+104° F)		+50° C (+122° F)		Surface T° for Ta = +50° C (+122° F)
			T Rating	T° at Cable Entry	T Rating	T° at Cable Entry	
60	Incandescent	Any Position	T2	⓪	T2	⓪	+102 °C (+216°F)
			T3	⓪	T3	⓪	
			T4	⓪	T4	⓪	
75	Incandescent	Any Position	T2	⓪	T2	⓪	+107 °C (+225°F)
			T3	⓪	T3	⓪	
			T4	⓪	T4	⓪	
100	Mercury	Any Position	T2	⓪	T2	+83 °C (+181°F)	+117 °C (+243°F)
			T3	⓪	T3	+83 °C (+181°F)	
			T3	⓪	T3	⓪	
100	Incandescent	Any Position	T1	+90 °C (+194 °F)	T1	+100 °C (+212 °F)	+137 °C (+279°F)
			T3	+90 °C (+194 °F)	T2	+100 °C (+212 °F)	
			T3	⓪	T3	⓪	
150	Mixed	Any Position	T2	+82 °C (+ 180°F)	T2	+92 °C (198 °F)	+130 °C (+266°F)
			T3	+82 °C (+ 180°F)	T3	+92 °C (198 °F)	
			T3	⓪	T3	⓪	

⓪ Not Applicable, no need for high temperature cable for cable entry temperature less than +80 °C (+176 °F).

INCANDESCENT/AREA: ATEX INCREASED SAFETY

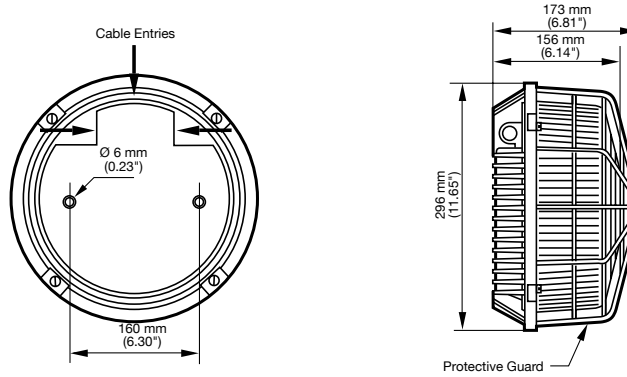
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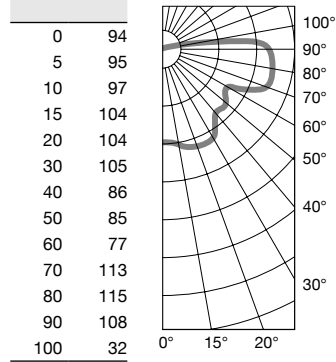
Dimensions in Millimeters (Inches)



Photometric Data ①

150 W Incandescent
 NF C 71-120: .062 J + 0.10 T

CANDELA DISTRIBUTION



① Polar curves for a 1000 lm flux, according to NF C 71-120. Luminaire symbol according to NF C 71-121.