

Application

The EBN rotating beacon is specially designed

- for zone 1, 2 and 21, 22 hazardous areas.
- to use in hazardous areas where the audible signals cannot be heard.
- in process area where need a visual signal for communication such as to warn of unsafe conditions.
- for outdoor and corrosive environments.

Technical data:

Explosion Protection	: Ex de IIB T6
Conforming to	: Standards IEC 60079-0/1 or UL 60079-1
Marking for test	: Ex II2G
Degree of Protection	: IP65/66 acc. To IEC 60529
Ambient Temp. (Ta)	: -20 °C to + 55 °C
Rated Voltage	: 12 , 24V. DC. 110 , 220V. AC. 50/60Hz
LED Lamp	: 100,000 hrs. extremely long lamp life
Enclosure entry holes	: 3/4" NPT.
Connection	: L, N and E : for 1-4 Sqmm. cable
Protection class for UL.	: Class I, Division 1 or 2 Group. C, D Class II, Division 1 or 2 Groups. E, F, G Class III
Protection class for IEC	: Zone 1 , 21 and Zone 2 , 22

Specification:

Body and cover	: Marine grade copper-free aluminum alloy with epoxy-polyester powder coated , RAL7032 GREY)
Glass globe	: Borosilicate glass
Guard and screws	: Stainless steel
Sealing gasket	: Silicone -40°C to + 175°C

Catalogue Numbers and Dimension :

Lamp Watt	Cat., No. Ceiling	Temp. Ta 40 °C	Class Ta 55 °C	Entries NPT (inch)	Dimension in MM.		
					A	B	C
LED	EBN LC□♦	T6	T5	3/4"	175	250	255

Note :

□ Specify operating voltage to Cat., No.

1 - 110V.AC. , 2 - 220V.AC. , 3 - ,

4 - 12V.AC/DC. , 5. 24V. AC/DC

♦ Adding suffix for lens color to Cat. No.

R - Red, G -Green, Y - Yellow, B - Blue

Option:

Electronic Buzzer Rated voltage	Sound duration	Volume	Dimension in MM.		
			A	B	C
EBN with Option TYPE B					
110vac	10minutes maximum	80 db	175	250	290
220vac	5minutes maximum	80 db	175	250	290
EBN with Option TYPE C					
110vac	10minutes maximum	80 db	175	250	180
220vac	5minutes maximum	80 db	175	220	180



EBN TYPE A



EBN with Option TYPE B



EBN with Option TYPE C

