

# CONVENTIONAL SOUNDER VISUAL INDICATOR C9091T



## Features

- LPCB and CPR approval;
- Comply with EN54-3 and EN54-23;
- Designed with an upper cover and a lower cover and installed on a detector base, it can be installed, commissioned and maintained conveniently.



## Description

C9091T Conventional Sounder Beacon can give audible and visual alarms after being connected to a DC24V power supply. It can be used with a bus-type fire alarm control panel through an output module. After receiving a start command given by the fire alarm control panel following an accident, the output module will start the Sounder Beacon. After that, the Sounder Beacon will give a dazzling visual alarm signal and a harsh audible alarm signal to remind the persons on the scene of the accident of the fact that a fire has occurred on the site quickly and the necessity to take related evacuation measures, thus preventing the fire accident from becoming a major one.

The Sounder Beacon may be used to give audible alarms and visual alarms at the scenes of accidents. It is applicable to places like high-rise residential buildings, public places, hotels, amusement buildings, factories, shopping centers, hospitals, schools, office buildings and stock exchanges, and particularly to the places with a low visibility or the possibility of generation of smoke.

Operating Voltage	Power: 24VDC (20V~28V)
Operating Current	≤100mA
EN54-23 Coverage	C-3-8/W-2.4-6(coverage volume see the following figures)
Flash Color and Frequency	White, 0.5Hz
Light Output Synchronization	Meets EN54-23
Sound Level	See the following table" Sound Level Data"

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Ingress Protection Rating	IP21C
Operating Temperature	-10°C ~ +55°C
Relative Humidity	≤95%, non condensing
Material of Lens/Body	Flame retardant PC/ABS
Dimension	φ100mm×100.5mm( with the base)
Mounting Hole Spacing	45mm ~ 70mm
Weight	About 266g (with the base)

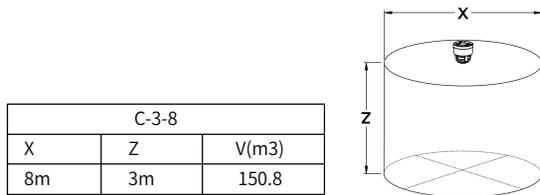


Fig. 1 Ceiling mount coverage volume

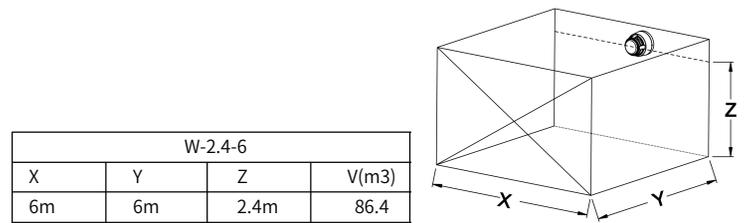


Fig. 2 Wall mount coverage volume

Table:Sound Level Data(EN54-3 approved)

Tone1:667Hz-2000Hz@0.22Hz,Max Volume,dB(A)@1m

Angle	Horizontal		Vertical	
	20V	28V	20V	28V
15°	77.5	81	78.1	81.4
45°	77.9	81.1	78.4	81.7
75°	84.4	88.1	84.8	88.6
105°	84.6	87.7	84.7	87.9
135°	77.3	80.4	76.6	80
165°	77.9	81.3	77.5	81.5

