LINEAR OPTICAL FIRE DETECTION BARRIER
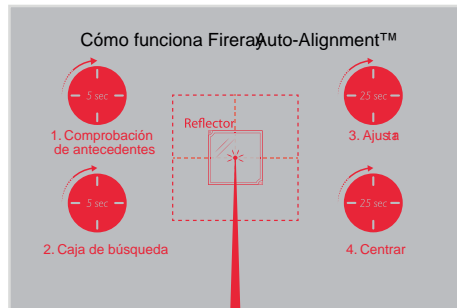# AE/BFONE

Description

Linear detection system intelligently designed that can be adapted to a variety of demanding applications. It contains unique technology developed to provide the best protection and ease of use.

Operating principle:

An optical beam smoke detector projects an infrared beam of light from a transmitter to a reflector (it only needs wiring at one end). When smoke particles partially block the beam and reduce the signal, the detector triggers a fire alarm. Maximum distance 120 meters.

Characteristics

Cómo funciona Fireray Auto-Alignment™

1. Comprobación de antecedentes
2. Caja de búsqueda
3. Ajusta
4. Centrar

Reflector

Cómo funciona la tecnología Fireray Light Cancellation Technology™

Tecnología de cancelación de luz
Luz de interferencia
Haz infrarrojo Fireray
Detector Fireray

Auto-Alignment ™ in a minute.
All reflective beam detectors can be aligned in one minute.

Building Movement Tracking ™.
Reflective beam detectors can detect the movement of buildings automatically to maintain optimal alignment throughout their lifespan. Unwanted alarms are minimized
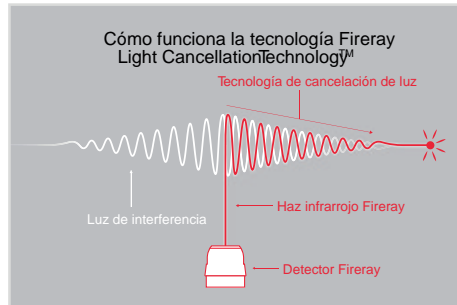
Light Cancellation Technology ™.
Fireray's patented technology actively blocks ambient sunlight or artificial sources and allows beam detectors to be installed in skylights and glass atriums without triggering unwanted alarms.

Dimensions

134 mm
151 mm
180 mm

100 mm
100 mm
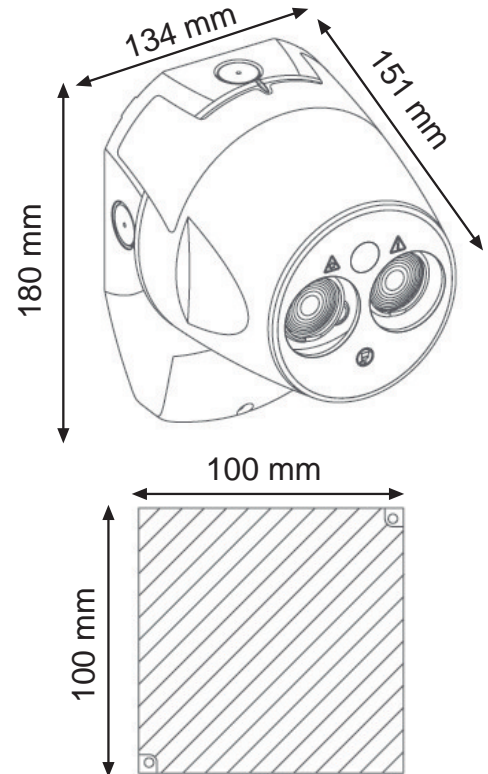
TECHNICAL CHARACTERISTICS

Supply voltage:	14 ~ 36 Vdc	
Consumption:		
Operation: 4.5 ~ 5.5 mA		
Alignment: 31 ~ 35 mA		
Alarm Delay:	10 s	
Breakdown delay: 10 s		
Coverage distance: 5 ~ 120m (distance> 50m 4 reflectors needed)		
Angular range of self-heating: + - 4,5º		
Working temperature:	-20 ~ +55 ºC	
Storage temperature:	-40 ~ +85 ° C	
Relative humidity (without condensation) 93% RH		
IP rating: 55		
Relay contacts: max 30Vcc / 2A		

Cable section supported:	0.5 ~ 1.5 mm	
Flammability range:	UL940 V0	
Dimensions:		
Unit:	Width 134mm	
	High 180mm	
	Depth 151mm	
Reflector:	Width 100mm	
	High 100mm	
	Depth 10mm	
Weight:		
Unit: 0.7kg		
Reflector: 0,1kg		