

2261 PHOTOELECTRIC SMOKE DETECTOR

APPLICATIONS

The 2261 Photoelectric Smoke Detector utilises unique Flat Response Technology, which enables it to be equally sensitive to a much wider range of combustible materials. The overall flat response to a wide range of smoke particles avoids the use of ionisation detectors in the majority of applications making system design easier and overcoming the cleaning and disposal problems associated with ionisation sensors.



FEATURES

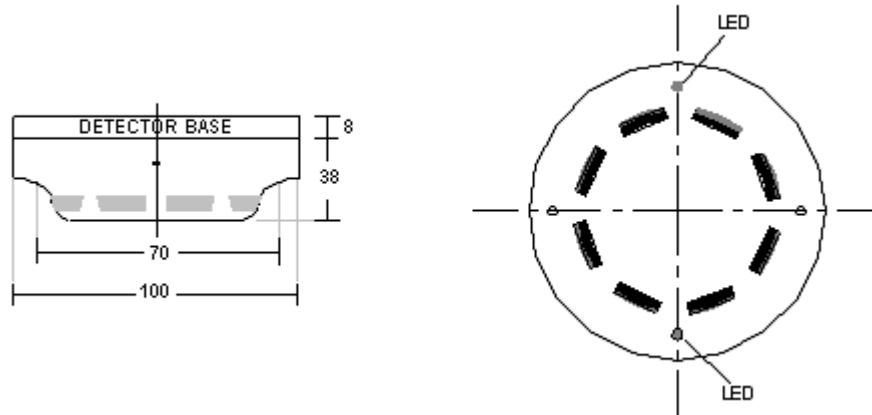
- Removable, High Performance chamber
- Covers 100m²
- Remote Indicator output
- Wide voltage range (9.5 ~ 30 Vdc)
- Low profile design with one piece outer cover
- Twin fire LED's allow 360° viewing
- Range of mounting bases
- Approved by LPCB & VdS

OPERATION

The 2261 Photoelectric Smoke Detector is fully compatible with the majority of our existing conventional systems. It incorporates a chamber containing an infra-red LED light source and silicon photo-diode. In the event of a fire, smoke enters the detection chamber and infra-red light is reflected from the smoke particles onto the photo-diode producing an electronic signal which is then filtered and used to trigger the internal latching circuit.

The chamber is easily removable allowing cleaning or replacement. A 360° view of sensor status is achieved through twin LEDs.

APPROVALS: Tested and approved to EN54 Part 7 by the Loss Prevention Council



(N.B: Detector operates with various detector bases see *Compatible Equipment*)

SPECIFICATION	
Order Code	2261
Operating Voltage	9.5 – 30v DC, nominally 24v DC
Quiescent Current	35 uA at 24v DC
Alarm Current	40 mA max at 24v DC
Operating Temperature	-10°C to +50°C
Material	ABS
Colour	Ivory White
Weight	95g (145g incl base)
Dimensions	100 Diameter x 38 Depth (46 Depth with base)
Ingress Protection	IP42
Maximum Humidity	90% RH – non condensing (at 40°C)