



**Dual Band IR Flame Detector** 100-0044

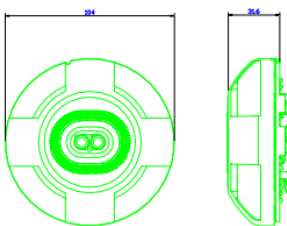
The EVC-IR uses both Dual Wavelength and flicker frequency sensing techniques for maximum false alarm reduction and sensitivity to real flaming fires.

- Dual Band IR Flame Detector
- Omniview 360° LED
- Internal Alarm Current Limiting Resistor
- Wide Operational Voltage Range (12v-32v)

**TECHNICAL SPECIFICATION**

Operating Voltage	10- 32 V dc	Sensor Method	CO2 Resonant Emission, Flickering Dual Wavelength
Operating Current	Quiescent: 100 uA Alarm: 50 mA	Sensor Element	2 x Infrared Wavelength Sensors
Standard	EN54-10: 2002 + A1:2005	Sensor Class	1 (25 m), 2 (17 m), 3 (12 m)
Alarm Indication	Omniview 360 degree LED	Operating Voltage	10 Vdc to 32 Vdc
		System Voltage	24 Vdc
		Quiescent Current	100 uA
		Alarm Current	50 mA @ 24 V
		Sensor Viewing Angle	100 degree max (+/- 50 degree)
		Currentt for Ext. Rem LED	2 mA
		Operating Temp	- 25 C to + 70 C
		Storage Temp	- 25 C to + 70 C
		Charging Time	30 secs
		Relative Humidity	<= RH95 % non-condensing
		IP Protection Rating	IP 42
		Material	ABS / PC alloy
		Mass	127 g (sensor head) 186 g (sensor head & UB series base)

**EVC-IR Dimensions**



**EVC-IR Terminal connections**

