

AquiTron

AT-OFC-PIR-F

Ceiling Mount Semi-Recessed PIR



DATA SHEET



aquilar
leak detection solutions



AT-OFC-PIR-F

Ceiling Mount Semi-Recessed PIR

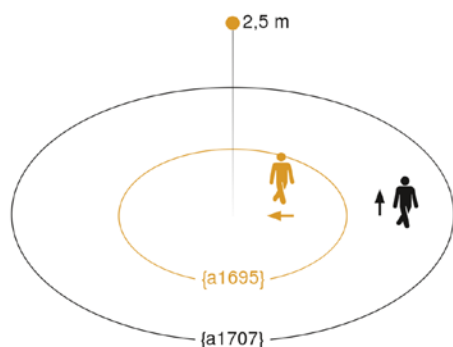
The AT-OFC-PIR-F semi flush mount PIR sensor is used with Aquitrone AT-OFC Occupancy Flow Controller which helps meet the BREEAM Wat 03 Part 2 requirements (BREEAM credit available: 1)

DESCRIPTION

Elegant. Compact. Inconspicuous.

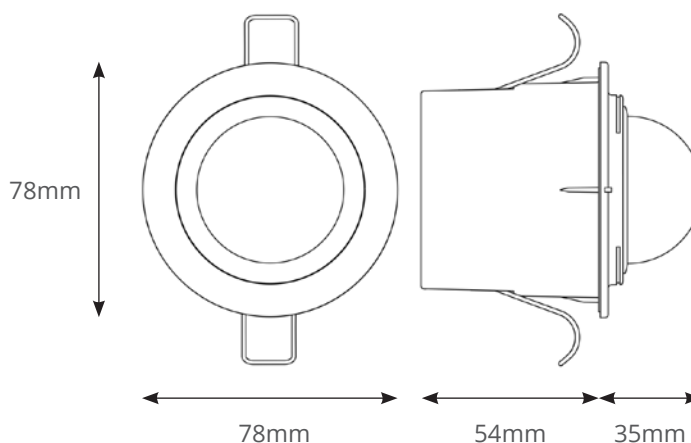
The AT-OFC-PIR-F Elegant. Compact. Inconspicuous. Precision infrared surface-mounted sensor. Ideal for use in WC's, toilets, showers, kitchenettes etc. The sensor gives 360° angle of coverage, 160° angle of aperture and 7 m reach and uses passive infrared sensor technology. Easy to install.

DETECTION ZONE



Mounting Height: 2 - 4.00m
Orange Zone : Radial
Black Zone: Tangential

DIMENSIONS DRAWING



TECHNICAL INFORMATION

Type	Motion detectors
Dimensions (Ø x H)	78 x 89 mm
Mains Power supply	220 – 240 V / 50 – 60 Hz
Sensor Technology	passive infrared
Application, place	Indoors
Installation site	ceiling
Installation	Installation
Mounting height	2.20 - 4.00m
Reach, radial	Ø 4 m (13 m²)
Reach, tangential	Ø 8 m (50 m²)
Detection angle	360 °
Angle of aperture	180 °
Optimum mounting height	2,5 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Twilight setting TEACH	No
Twilight setting	2-2000 lx
Time Setting	8 s - 35min
Output	1000 W max
Switching output 1, resistive	2000 W max
Switching output 1, number of LEDs / fluorescent lamps	6 pcs.
Fluorescent lamps, electronic ballast	430 W max
Fluorescent lamps, uncorrected	500 VA max

Fluorescent lamps, series-corrected	406 VA max
Fluorescent lamps, parallel-corrected	406 VA max
LED lamps	16 W
LED lamps > 2 W	64 W
LED lamps > 8 W	64 W
Capacitive load in µF	132 µF
Constant-lighting control	No
Basic light level function	No
Settings via	Potentiometers
Interconnection	Yes
Type of interconnection	Master/master
IP-rating	IP54
Material	Plastic
Ambient temperature	-20 – 40 °C
Application, room	WC's, Showers, Wash rooms, Kitchenettes etc..
Colour	white
Colour, RAL	9010
IDs, certificates	VDE
Manufacturer's Warranty	5 years

APPROVALS

Low Voltage Directive 2014/35/EU including amendments

DIN EN 60669-1 :1999 + A1 :2002 + A2:2008

DIN EN 60669-2-1:2004 + A1:2010 + A1:2009-07

Electromagnetic Compatibility Directive 2014/30/EU including amendments

DIN EN 60669-1 :1999 + A1 :2002 + A2:2008

DIN EN 60669-2-1 :2004 + A1 :2010 + A1 :2009-07

RoHS - Directive 2011/65/EU including amendments



ORDERING INFORMATION

Catalogue number
5727 AT-OFC-PIR-F Ceiling Mount Flush (Semi-Recessed) PIR, White, 230Vac

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