

TECTON TRIDONIC SENSOR

Daylight and Occupancy Sensor for TECTON Trunking System

- PIR Sensor with ambient light dependent control and motion detection
- Bright-out function: luminaire is not switched on if there is adequate illumination (programmable)
- Suitable for use with all Tecton Trunking system compatible luminaires
- Can be remote controlled
- Individual adjustment of multiple parameters with basicDIM ILD 0-10V Programmer

Order Code

SENSOR

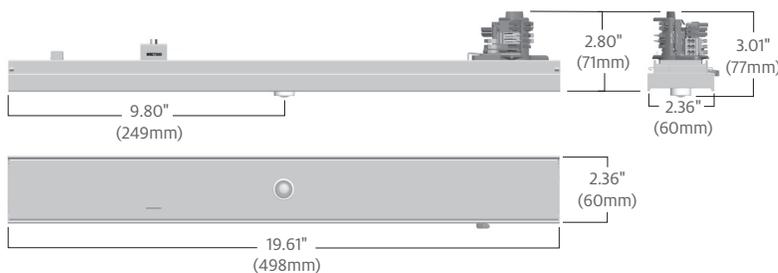
- 11056952** Tecton Tridonic Sensor White
- 11056953** Tecton Tridonic Sensor Black

OPTIONAL ACCESSORIES

- 28 001 981** BasicDIM ILD Programmer/remote control



Sensor Dimensions



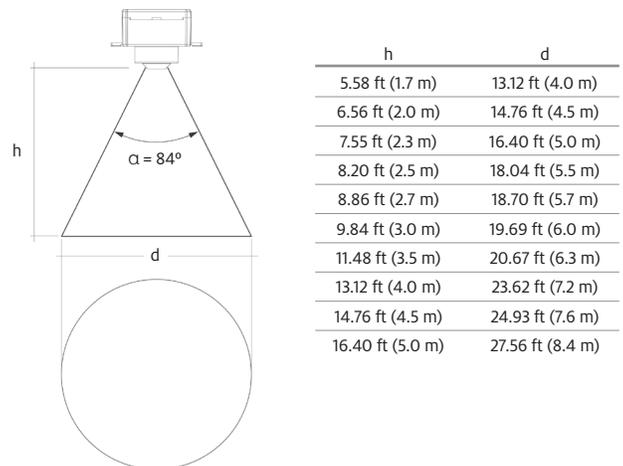
Programmer Dimensions



Technical Detail

Rated supply voltage	120 – 277 V
Mains frequency	50 / 60 HZ
Power	< 1 W
Stand-by power	< 1 W
Max. switching output [VA] fluorescent/LED at 120 V	1.7 A / 200 VA
Max. switching output [VA] fluorescent/LED at 277 V	1.5 A / 400 VA
Max. switching output [W] resistive at 120 V	4.2 A / 500 W
Max. switching output [W] resistive at 277 V	4.2 A / 1,200 W
Momentary-action switch input for dimming	Single
Max. output cable length at 1–1.5 mm ² for 0-10V interface	328.08 ft
Max. output cable length at 1–1.5 mm ² for L' (switched phase)	328.08 ft
Max. output cable length at 1–1.5 mm ² for pushbutton terminal	164.04 ft
Light detection angle	84°
Motion detection angle	84°
Light measurement at the sensor head ¹	5 – 40 fc
Illuminance (factory default) ²	10 fc
Cable length sensor	11.81 in
Infra-red control range	16.4 ft
Max. mounting height	16.4 ft
Operating temperature	-4 ... +131 °F
Max. casing temperature tc	158 °F
Storage temperature	-13 ... +158 °F
Relay switching cycles	100,000
Type of protection	IP20

Sensor Coverage



One sensor is required for every new power feed

1 The measured value at the sensor head corresponds to approx. 18 to 150 foot candles on the surface measured.
 2 The illuminance is set for a room defined by Tridonic. Depending on the actual room (reflectance) the measured illuminance may deviate from this value. The illuminance should therefore be checked in the installation and adjusted if necessary.