DT-300 360° Dual Technology Sensors

Architecturally appealing low profile appearance

SmartSet™ automatically selects optimal settings for each space

Ultrasonic diffusers give more comprehensive coverage

Accepts low voltage switch input for manual-on operation (DT-300, DT-305)

Depluggable terminal wiring for quick and easy installation

Walk-through mode increases savings potential

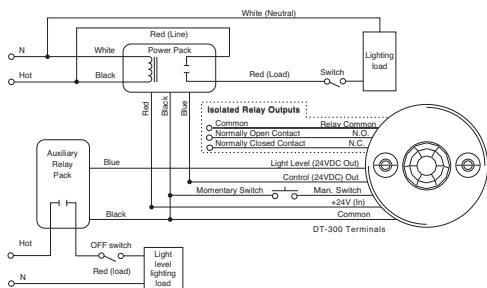**line and low voltage models available**

Specifications

- DT-300, DT-305: 24 VDC/VAC
- DT-355: 120/230/277/347 VAC, 50/60 Hz
- Time delays: SmartSet (automatic), fixed (5, 10, 15, 20, or 30 minutes), walk-through, test-mode
- Sensitivity adjustment: SmartSet (automatic) or reduced sensitivity
- Ultrasonic frequency of 40 kHz

- Isolated relay with N/O and N/C outputs rated for 1 Amp at 30 VDC/VAC (DT-300)
- Built-in light level sensor; 10 to 300 fc (107 to 3,229 lux) (DT-300, DT-355)
- Mounting options: ceiling tile; 4 square junction box with double gang mudring (DT-300, DT-305)
- Mounting options: 4 square junction box with double gang

mudring; 4 inch octagonal junction box (DT-355)
- Units per power pack: DT-300 up to 2 (B), up to 3 (BZ); DT-305 up to 3 (B), up to 4 (BZ)
- 4.5" diameter x 1.02" (144.3mm x 25.9mm) Extends approx .36" from ceiling
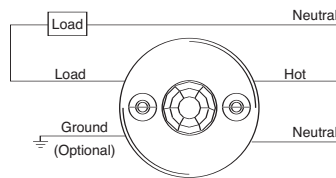- UL and CUL listed, 5 year warranty

Applications

- Classrooms
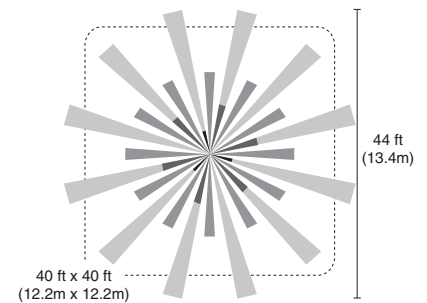- Open office spaces
- Computer rooms

Wiring Diagrams

DT-300 Wiring

Wiring diagram includes bi-level control and manual-on option with momentary switch.

DT-355 Wiring

Coverage Pattern

44 ft (13.4m)

40 ft x 40 ft (12.2m x 12.2m)

Coverage shown is maximum and represents half-step walking motion. Under ideal conditions, coverage for half-step walking motion can reach up to 1000 ft^2 (92.9 m^2).

Order Information

CATALOG #	VOLTAGE	CURRENT/LOAD REQ	COVERAGE
DT-300	24 VDC	43 mA	up to 1000 ft^2 (92.9 m^2)
DT-305	24 VDC	35 mA	up to 1000 ft^2 (92.9 m^2)
DT-355	120 VAC, 50/60 Hz	0-800 W Ballast/Tungsten	up to 1000 ft^2 (92.9 m^2)
	230/277 VAC, 50/60 Hz	0-1200 W Ballast	up to 1000 ft^2 (92.9 m^2)
	347 VAC, 50/60 Hz	0-1500 W Ballast	up to 1000 ft^2 (92.9 m^2)

All units are white and low voltage models use Watt Stopper power packs.
For line voltage installations requiring an adapter plate, order cat # CA-1.

Product Line Summary

WS-200	**120/277 VAC; 60 Hz**	**Automatic wall switch**	**Passive infrared**
WA-200	**120/277 230/277 VAC, 50/60 Hz**	**Automatic wall switch**	**Passive infrared**
WA-300	**120/277 230/277 VAC, 50/60 Hz**	**-with dual relays**	**Passive infrared**
WI-200	**120/277 VAC; 60 Hz**	**Automatic wall switch**	**Passive infrared**
WI-300	**120/277 VAC; 60 Hz**	**-with dual relays**	**Passive infrared**
WN-100-120	**120 VAC, 60 Hz**	**Motion sensor nightlight switch**	**Passive infrared**
WN-100-277	**277 VAC, 60 Hz**	**Motion sensor nightlight switch**	**Passive infrared**
WD Series	**120 or 277 VAC; 60 Hz**	**Dimmable wall switch**	**Passive infrared**
CN-100	**120 VAC, 60 Hz**	**Residential vacancy sensor**	**Passive infrared**
CW-100	**120 VAC, 60 Hz**	**Residential vacancy sensor**	**Passive infrared**
WPIR	**24 VDC**	**Ceiling mount sensor**	**Passive infrared**
CX Series	**24 VDC**	**Ceiling/wall mount sensor**	**Passive infrared**
CI-200 Series	**24 VDC**	**Ceiling mount sensor**	**Passive infrared**
CI-300 Series	**24 VDC**	**Ceiling mount sensor**	**Passive infrared**
CI-355 Series	**120/230/277/347 VAC; 50/60 Hz**	**Ceiling mount sensor**	**Passive infrared**
CI-12/24	**12/24 VDC**	**Sensor for HVAC, BAS**	**Passive infrared**
CB-100	**24 VDC**	**Low temperature sensor**	**Passive infrared**
W Series	**24 VDC**	**Ceiling mount sensor**	**Ultrasonic**
WT Series	**24 VDC**	**Ceiling mount sensor**	**Ultrasonic**
UT-300 Series	**24 VDC**	**Ceiling mount sensor**	**Ultrasonic**
UT-355 Series	**120/230/277/347 VAC; 50/60 Hz**	**Ceiling mount sensor**	**Ultrasonic**
DT-200 Series	**24 VDC**	**Ceiling/wall mount sensor**	**Dual technology**
DT-300 Series	**24 VDC**	**Ceiling mount sensor**	**Dual technology**
DT-355 Series	**120/230/277/347 VAC; 50/60 Hz**	**Ceiling mount sensor**	**Dual technology**

Watt Stopper

legrand®