



POWER YOUR
ENERGY EFFICIENCY
PROGRAMS
with proven lighting controls



designed to be better.™

 **legrand**®

CAPTURE ENERGY SAVINGS FOR YOUR CUSTOMERS

AND GROW YOUR BUSINESS WITH PROVEN LIGHTING CONTROLS.

Legrand's popular stand-alone lighting controls offer proven performance for virtually every application. You can rely on us to help solve energy code compliance issues easily and cost effectively. Wattstopper is the most trusted and comprehensive product line in the lighting control industry. Choose from:



- Wall Switch Occupancy and Vacancy Sensors
- Wired and Wireless Ceiling Occupancy Sensors
- Wall Box Dimmers
- Time Based Controls
- High Bay Sensors
- Plug Load Controls



It's easy to choose the right sensor technology.

PIR



Passive Infrared technology detects heat emitted from a human body in motion and relies on a clear line of sight.

Ideal for:

- Small offices
- Conference rooms

Ultrasonic



Ultrasonic technology detects occupant movement within a room and has the ability to detect movement around partitions.

Ideal for:

- Large restrooms
- Hallways
- Open offices

Dual Technology



Combines PIR and Ultrasonic technology for hard to sense spaces when maximized sensitivity is required.

Ideal for:

- Executive offices
- Large conference rooms
- Classrooms

STAND-ALONE LIGHTING CONTROLS

WALL SWITCH SENSORS

	CATALOG #	TECHNOLOGY	VOLTAGE				UNIQUE FEATURES	COVERAGE	NEUTRAL REQ.	APPLICATIONS															
			120V	277V	347V	24VPP				SO	BLR	CR	HS	R	PR	LBR	SR								
VACANCY SENSOR MANUAL-ON/AUTOMATIC-OFF																									
	CS-50 ¹	PIR	▲				Field Customizable	600 ft ²		●	●		●		●										
	CS-350-N ¹	PIR	▲				Dual Relay, Nightlight	600 ft ²	■	●	●		●	●											
	CH-250 ¹	PIR	▲				Multi-Way	600 ft ²	■	●	●		●	●											
	CD-250 ¹	PIR Dimmer	▲				25-500W Incandescent	600 ft ²	■	●	●														
	CU-250 ¹	Ultrasonic	▲				Multi-Way	600 ft ²	■				●	●	●		●								
OCCUPANCY SENSOR AUTOMATIC-ON/AUTOMATIC-OFF																									
	WS-301 ³	PIR	▲	▲			Light Level Sensor, Optional Neutral	900 ft ²	▣	●		●		●		●	●								
CONVERTIBLE OCCUPANCY SENSOR MANUAL-ON OR AUTOMATIC-ON/AUTOMATIC-OFF																									
	RS-150BA-N ¹	PIR	▲				Nightlight, 30-min. Time Delay	600 ft ²	■		●		●												
	PW-100-24 ²	PIR				▲	Light Level Sensor, Requires Power Pack	1050 ft ²		●		●		●		●	●								
	PW-103N ²	PIR	▲	▲			Nightlight, Multi-Way, Light Level Sensor	1050 ft ²	■	●		●	●		●										
	PW-100D ²	PIR Dimmer	▲	▲			Light Level Sensor, up to 600W @ 120V or 1200W @ 277V, Incandescent or 2-wire Fluorescent	1050 ft ²		●	●	●													
	PW-101D ²	PIR Dimmer	▲	▲			Light Level Sensor, up to 600W @ 120V or 1200W @ 277V, Incandescent Magnetic Low Voltage, Electronic Low Voltage or 2-wire Fluorescent	1050 ft ²	■	●	●	●													
	PW-301 ³	PIR	▲	▲			Light Level Sensor, Multi-Way, Optional Neutral	1050 ft ²	▣	●		●		●		●	●								
	PW-302 ³	PIR	▲	▲	▲		Dual Relay, Light Level Sensor, Multi-Way, Optional Neutral	1050 ft ²	▣	●		●		●		●	●								
	PW-311 ³	PIR 0-10V Dimmer	▲	▲			Partial-On Option, Light Level Sensor, Multi-Way, Optional Neutral	1050 ft ²	▣	●	●	●					●								
	PW-311-347 ³	PIR 0-10V Dimmer			▲			1050 ft ²	▣	●	●	●					●								
	UW-100 ²	Ultrasonic	▲	▲	▲		Light Level Sensor	400 ft ²	■	●			●	●	●		●								
	UW-100-24 ²	Ultrasonic				▲	Light Level Sensor, Requires Power Pack	400 ft ²	■	●			●	●	●		●								
	UW-200 ²	Ultrasonic	▲	▲			Dual Relay, Light Level Sensor	400 ft ²	■	●			●	●	●		●								
	DW-100-24 ²	Dual Technology				▲	Light Level Sensor, Selectable Trigger Mode, Requires Power Pack	1050 ft ²		●		●		●	●		●								
	DW-311 ³	Dual Technology 0-10V Dimmer	▲	▲			Partial-On Option, Light Level Sensor, Multi-Way, Selectable Trigger Mode	1050 ft ²	■	●	●	●					●								
	DW-311-347 ³	Dual Technology 0-10V Dimmer			▲			1050 ft ²	■	●	●	●					●								
	DSW-301 ³	Dual Technology	▲	▲	▲		Light Level Sensor, Multi-Way, Selectable Trigger Mode, Optional Neutral	1050 ft ²	▣	●		●		●	●	●									
DSW-302 ³	Dual Technology	▲	▲	▲		Dual Relay, Light Level Sensor, Multi-Way, Selectable Trigger Mode, Optional Neutral	1050 ft ²	▣	●		●		●	●	●										

¹ Available in white, almond, light almond, ivory and black.
² Available in white, light almond, ivory, grey and black.
³ Available in white, light almond, ivory, grey, black and red.

WALL BOX DIMMERS

	CATALOG #	VOLTAGE			LOAD TYPE	LOAD RATING	NEUTRAL REQ.	FEATURES			DERATING REQUIREMENTS
		120V	277V	24VPP				PRE	S	MW*	
radiant™ (Tri-color products include white, light almond and ivory; face plate kits include additional colors)											2-GANG / 3-GANG
 <p>RH703PTC RHLV703PTC RHCL453PTC RH703PTUTC RHDH163PTC</p>  <p>RH1103PTC RHLV1103PTC RHF83PTC</p>	RH703PTC	▲			Incandescent	50 - 700W		■		■	
	RH1103PTC	▲			Incandescent	50 - 1100W		■		■	1000W/800W
	RHLV703PTC	▲			Magnetic Low Voltage	50 - 700VA			■	■	no derating reqd/650VA
	RHLV1103PTC	▲			Magnetic Low Voltage	50 - 1100VA		■		■	950VA/700VA
	RHF83PTC	▲			Two-wire Fluorescent ¹	0.3 - 5A		■		■	no derating reqd/6.5A
	RHCL453PTC	▲			Incandescent	10 - 700W		■		■	
					CFL, LED	10 - 450W					
	RH703PTUTC Tru-Universal™	▲			Incandescent, Electronic Low Voltage, Halogen	6 - 700W		■	■	■	no derating reqd for forward phase applications
					CFL, LED	6 - 450W					
					Magnetic Low Voltage	500VA					
					EFL	5.5A					
	RH4FBL3PTC	5A	10A		0-10V LED, Fluorescent	30mA		■		■	
	HCL453PMMTC	▲			Incandescent	25 - 700W			■	■	
					CFL, LED	25 - 450W					
	HMRTC	▲			Multi-location remote for HCL453PMMTC	-		■		■	
RHDH163PTC	▲			Fan Motor	0 - 1.6A		■		■		
RHKIT				Interchangeable Face Plate			Ivory, White, Light Almond, Black, Brown, Grey, Nickel, Antique Brass, Dark Bronze				
HMKIT				Multi-Location Dimmer Interchangeable Face Plate							
HMRKIT				Multi-Location Remote Interchangeable Face Plate							
TITAN (Available in white, light almond, ivory, grey, black and brown)											2-GANG / 3-GANG
 <p>CD1103P CDVL703P CDFB83P CD3FB163P CD3FB103P277 CD4FB CDSC6</p>  <p>CD2003P CDLV1103P CDFB163P CDFB103P277P</p>	CD1103P	▲			Incandescent	40 - 1100W		■		■	w/fins: 1100W/1000W w/o fins: 1000W/900W
	CD2003P	▲			Incandescent	40 - 2000W		■		■	
	CDLV703P	▲			Magnetic Low Voltage	40 - 700VA		■		■	
	CDLV1103P	▲			Magnetic Low Voltage	40 - 1600VA		■		■	w/fins: 1600VA/1600VA w/o fins: 1600VA/1550VA
	CDFB83P	▲			Two-wire Fluorescent ¹	0.33 - 8A		■		■	w/fins: 8A/8A w/o fins: 7.7A/6.3A
	CDFB163P	▲			Two-wire Fluorescent ¹	0.33 - 16A		■		■	
	CDFB103P277	▲	▲		Two-wire Fluorescent ¹	0.33 - 16A		■		■	
	CD3FB163P	▲			Three-wire Fluorescent ²	0.33 - 16A		■	■	■	
	CD3FB103P277	▲	▲		Three-wire Fluorescent ²	0.33 - 10A		■	■	■	
	CD4FB			▲	0-10V Fluorescent	Up to 60 ballasts			■		
	CD4FBL	5A	10A		0-10V LED, Fluorescent	30mA			■		
	CD4FBL3P	5A	10A		0-10V LED, Fluorescent	30mA		■		■	
	CDSC6	▲			Fan Motor	0.33 - 6A			■		
TOUCH (Available in white, almond, light almond, ivory, grey and black)											2-GANG / 3-GANG
 <p>TD-603 TDA-603</p>  <p>TDFC-1A</p>	TD-603 ²	▲			Incandescent	40 - 600W		■		■	500W/400W
	TDA-603 ²	▲			Universal	25 - 600W		■	■	■	500W when 5 or more devices are ganged together
	TDFC-1A ²	▲			Fan Motor	0 - 1.5A		■	■	■	
	TDR ²	▲			Touch Remote	-			■	■	

* Multi-way capabilities vary; see website for details.
¹ Mark 10®, Tu-Wire®, Quicktronic® compatible.
² Hi-Lume®, Compact SE®, ECO-10® compatible.
 Additional dimmer models available; see website for details.

LEGENDS

APPLICATION LEGEND	
SO-Small Offices	
BLR-Bedrooms & Living Rooms	
CR-Conference Rooms	
OO-Open Offices	
HS-Hallways & Stairs	
R-Restrooms	
PR-Partitioned Restrooms	
LBR-Lunch & Break Rooms	
SR-Storage Rooms	
E-Exteriors	

VOLTAGE LEGEND	
120V	347V
230V	480V
240V	24VPP = Power Pack Required
277V	

DIMMER FEATURES	
Pre-Preset	S-Slide-to-off
MW-Multi-way	

POWER PACKS

CATALOG #	VOLTAGE				UNIQUE FEATURES
	120V	230V*	277V	347V	
ON/OFF					
 BZ-50 BZ-150	 BD-100E-P BD-100M	▲	▲	▲	Automatic On/Off
		▲	▲	▲	Automatic or Manual On/Off, Hold-On, Hold-Off
		▲	▲	▲	Auto On/Off; rated for lighting or plug loads; load On/Off button
		▲	▲	▲	Auto or Manual On/Off, Hold-On, Hold-Off; rated for lighting or plug loads; load On/Off button
 BZ-200	 BZ-250 BZ-250-347	▲	▲	▲	Hold-On, Hold-Off, Din Rail Mount
		▲	▲	▲	Manual-On, Din Rail Mount
AUXILIARY POWER PACKS					
 AT-120 AT-277		▲			Power Supply
		▲			Form C
		▲			2 Relay
			▲		Power Supply
			▲		Form C
			▲		2 Relay
 A120C-P A277C-P		▲	▲	▲	Aux. Relay Pack

CEILING/WALL MOUNT SENSORS

CATALOG #	TECHNOLOGY	VOLTAGE					UNIQUE FEATURES	COVERAGE	APPLICATIONS								
		120V	230V*	277V	347V	24VPP			SO	CR	OO	HS	R	PR	LBR	SR	
CEILING MOUNT SENSOR LOW VOLTAGE SENSORS REQUIRE POWER PACK																	
 CI-24 CI-200/205	 CI-300/305 CI-355	CI-24 ²	PIR				▲	Low Profile	500 - 1200 ft ²	●	●					●	●
		CI-200/205 ²	PIR				▲	Isolated Relay, Light Level, Low Profile	500 - 1200 ft ²	●	●					●	●
		CI-300/305 ²	PIR				▲	Isolated Relay, Light Level, Low Profile	500 - 1200 ft ²	●	●					●	●
		CI-355 ^{1,2}	PIR	▲	▲	▲	▲	Line Voltage, No Power Pack required	500 - 1200 ft ²	●	●						●
 W Series	 UT-300/305 UT-355	W series ²	Ultrasonic				▲	25kHz	500 - 2000 ft ² , 90 ft linear	●	●	●	●	●			
		UT-300/305 ²	Ultrasonic				▲	Isolated Relay, 40kHz	500 - 2000 ft ²	●	●			●	●		
		WT series ²	Ultrasonic				▲	Isolated Relay	600 - 2200 ft ² , 90 ft linear	●	●	●	●	●			
		UT-355 ^{1,2}	Ultrasonic	▲	▲	▲	▲	Line Voltage, No Power Pack required	500 - 2000 ft ²	●	●			●	●		
 WT Series	 DT-300/305 DT-355	DT-300/305 ²	Dual Technology				▲	Isolated Relay, Light Level, Selectable Trigger Mode	1000 ft ²	●	●			●	●	●	
		DT-355 ¹	Dual Technology	▲	▲	▲	▲	Line Voltage, No Power Pack required	1000 ft ²	●	●			●	●	●	
WALL MOUNT SENSOR REQUIRE POWER PACK																	
 WPIR	 CX-100/105	WPIR	PIR				▲	Well Defined Coverage	300 ft ²	●			●			●	●
		CX-100/105 ²	PIR				▲	Isolated Relay, Light Level	300 - 2000 ft ² , 50 - 120 ft linear	●	●	●	●			●	●
 CB-100	 DT-200/205	CB-100 ²	PIR				▲	Cold Location	2000 ft ² , 90 - 120 ft linear								●
		DT-200/205 ²	Dual Technology				▲	Isolated Relay, Light Level, Selectable Trigger Mode	2000 ft ²	●	●	●	●			●	●

* Single Phase, line to neutral.

¹ Multiple voltage options available; see website for details.

² Models with different configurations and coverage options available; see website for details.

HIGH BAY SENSORS

	CATALOG #	TECHNOLOGY	VOLTAGE							UNIQUE FEATURES	COVERAGE	APPLICATIONS
			120V	230V*	240V	277V	347V	480V	24VPP			
HIGH/LOW BAY SENSORS												
 HBP-111-L7 HBP-112-L7	HBP-111-L7	PIR	▲	▲		▲	▲			IR Remote Capability, Hold-Off Daylighting	Up to 100' diameter at 40'	Mounting from 15-40', snap-on aisleway masking included
	HBP-112-L7	PIR	▲	▲		▲	▲			Hold-Off Daylighting		
	*Single Phase, line to neutral											
HIGH/LOW BAY ACCESSORIES												
 HBP-EM1 FSIR-100	HBP-EM1	Extender module for mounting below fixture										
	HBP-SM1	Surface mount module for mounting to bottom of fixture										
	FSIR-100	Remote handheld configuration tool for HBP-111-L7										
HIGH BAY SENSORS												
 HB300-B HB330-B HB340-B	HB300-B HB330-B HB340-B	PIR		▲		▲	▲	▲			Select lens for desired coverage	Skylit areas
	HB300D-B HB340D-B	PIR		▲		▲	▲			Daylighting		
	HB300W-B HB330W-B HB340W-B	PIR		▲		▲	▲	▲		IP65 Wet Location Rating		
HIGH BAY LENS OPTIONS (LENS REQUIRED)												
 HBL1 HBL3 HBL4	HBL1	Aisleway Lens								60' linear at 40'		
	HBL3	Mid-Bay, High Density Lens								40' diameter at 20'	HBL3W for wet locations	
	HBL4	High Bay Lens								60' diameter at 40'	HBL4W for wet locations	
HIGH BAY ACCESSORIES												
 HBEM3	HBEM3	Extender module for mounting below fixture								HBE3W for wet locations		

TIME BASED CONTROLS

	CATALOG #	VOLTAGE							UNIQUE FEATURES	NEUTRAL REQ.	APPLICATIONS				
		120V	240V	277V	347V	480V	24VPP	OO			HS	R	SR	EX	
TIMERS															
 RT-20 RT-100 RT-200 TS-400	RT-20	▲	▲					Preset 4 Button Countdown	■			●	●	●	
	RT-100	▲						Programmable Countdown	■			●	●	●	
	RT-200	▲						Astronomical, Dawn/Dusk Scheduling	■				●	●	
	TS-400 ¹	▲	▲				▲	Digital Countdown Timer				●	●		
CONTRACTOR PANELS															
 LP8 LC8 LCSP-2 LCDP-1	LP8 ¹	▲	▲	▲	▲			Scheduled control for up to 8 single pole lighting circuits, compatible with LVSW switches	■						
	LC8	▲		▲				Touch screen, astronomical time clock, compatible with LVSW switches	■	●	●			●	
	LCSP-2	▲		▲				Dual single-pole relay module, two 20 Amp relays							
	LCDP-1		▲				▲	Double-pole relay module, one 20 Amp relay							

¹ Multiple voltage options available; see website for details.

PLUG LOAD CONTROL

	CATALOG #	TECHNOLOGY	VOLTAGE	UNIQUE FEATURES
			120V 24VPP	
WIRELESS RECEPTACLE CONTROLS (Receptacles available in white, light almond, ivory, grey and black)				
	WRC-TX		▲	RF transmitter sends occupancy sensor status to controlled receptacles
	WRC-15-1 ¹	WRC controls work with any 24V Wattstopper occupancy sensor	▲	15A duplex receptacle, half controlled
	WRC-15-2 ¹		▲	15A duplex receptacle, fully controlled
	WRC-20-1 ¹		▲	20A duplex receptacle, half controlled
	WRC-20-2 ¹		▲	20A duplex receptacle, fully controlled
ISOLÉ				
	IDP-3050-A	PIR	▲	Power strip w/ Personal Sensor for automatic control of Plug Loads and 48,000A surge protection
POWER PACKS FOR PLUG LOADS – BZ-200, BZ-250 AND BZ-250-347 (SEE CENTER SPREAD)				

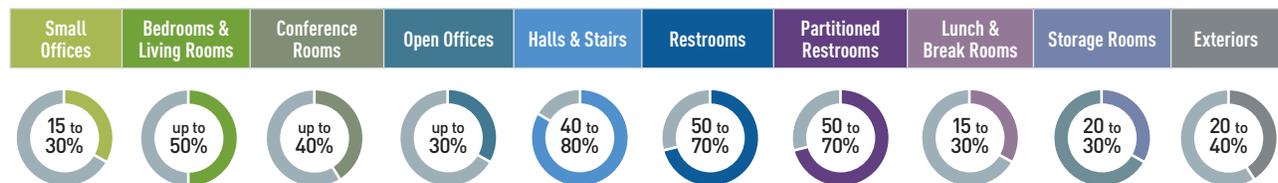
WIRELESS OCCUPANCY SENSORS

	CATALOG #	TECHNOLOGY	VOLTAGE	UNIQUE FEATURES	COVERAGE	NEUTRAL REQ.	APPLICATIONS
			120V 277V				SO CR R LBR
WIRELESS OCCUPANCY SENSOR							
	EOPC-100 ²	PIR		RF, self-powered	360° up to 1200 ft ²		● ● ● ●
	EOSW-101 ¹		▲ ▲	1-relay, RF, Manual-On			● ● ● ●
	EOSW-102 ¹		▲ ▲	2-relay, RF, Auto-On to 50%			● ● ● ●
	EOSW-111 ¹		▲ ▲	1-relay, RF, Manual-On		■	● ● ● ●
	EOSW-112 ¹		▲ ▲	2-relay, RF, Auto-On to 50%		■	● ● ● ●
	EORS-101 ¹			1-button wireless RF switch			● ● ● ●
	EORS-102 ¹			2-button wireless RF switch			● ● ● ●
	EOHR-101 ¹			Handheld 1-button RF switch			● ● ● ●
	EOHR-102 ¹			Handheld 2-button RF switch			● ● ● ●
	EOKT-101 ²	PIR	▲ ▲	EOPC-100 and EOSW-101, pre-paired	360° up to 1200 ft ²		● ● ● ●
	EOKT-102 ²	PIR	▲ ▲	EOPC-100 and EOSW-102, pre-paired	360° up to 1200 ft ²		● ● ● ●

¹ Available in white, light almond, ivory, grey and black.

² Available in white only.

LIGHTING CONTROL SOLUTIONS FOR ANY APPLICATION



Potential Energy Savings shown in percentage.

designed to be better.™



Tech Support: 800.879.8585
www.legrand.us/wattstopper