

Control Options Guide



NX integrated luminaires can be configured in field using a compatible NX Bluetooth sensor/radio and a smart device loaded with the [controlHUBB mobile app](#).




BRAND	NAME	CATALOG NUMBER	DESCRIPTION: INCLUDED WITH ORDER	NXFM	NXDSP	NXRM-H	SMI	LMI
NX Distributed Intelligence	NX Enabled, Dual SmartPorts	NXE	Dual smartPORTs for connection to the NX Distributed Intelligence network. Integral in-fixture module provides on/off control and/or two channel dimming. Includes NX In-Fixture Module Inline (NXFM), NX Fixture SmartPORT Adapter (NXDSP)					
NX Distributed Intelligence	NX Wireless Enabled	NXWE	Radio module for connection to NX Distributed Intelligence network. Integral in-fixture module provides on/off control and/or two channel dimming. Includes NX In-Fixture Module Inline (NXFM), HubbNET Radio Module (NXRM-H)					
NX Distributed Intelligence	NX Enabled, Dual SmartPorts, PIR Occupancy Sensor, Dimming Daylight Harvesting	NXES	Luminaire integrated sensor providing both PIR Occupancy and Daylight harvesting capabilities. Dual SmartPORTs for connection to NX Distributed Intelligence network. Integral in-fixture module provides on/off control and/or two channel dimming.* Includes NX In-Fixture Module Inline (NXFM), NX Fixture SmartPORT Adapter (NXDSP), Slide Mount Indoor Sensor Module (SMI), or Low Mount Indoor Sensor Module (LMI)					or
NX Distributed Intelligence	NX, PIR Occupancy Sensor, Dimming Daylight Harvesting (standalone)	NXS	Luminaire integrated sensor providing both PIR Occupancy and Daylight harvesting capabilities. Integral in-fixture module provides on/off control and/or two channel dimming.* Includes NX In-Fixture Module Inline (NXFM), Slide Mount Indoor Sensor Module (SMI) or Low Mount Indoor Sensor Module (LMI)					or
NX Distributed Intelligence	NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting	NXSW	Luminaire integrated sensor providing both PIR Occupancy and Daylight harvesting capabilities. Radio module for connection to NX Distributed Intelligence network. Integral in-fixture module provides on/off control and/or two channel dimming.* Includes NX In-Fixture Module Inline (NXFM), HubbNET Radio Module (NXRM-H), Slide Mount Indoor Sensor Module (SMI) or Low Mount Indoor Sensor Module (LMI)					or
NX Distributed Intelligence	NX Wireless Enabled, Dual Smart PORTs	NXWD	Radio module and Dual smartPORTs for connection to NX Distributed Intelligence network. Integral in-fixture module provides on/off control and/or two channel dimming. Includes NX In-Fixture Module Inline (NXFM), HubbNET Radio Module (NXRM-H), NX Fixture SmartPORT Adapter (NXDSP)					
NX Distributed Intelligence	NX Wireless , PIR Occupancy Sensor, Dimming Daylight Harvesting, Dual SmartPORTs	NXSWD	Luminaire integrated sensor providing both PIR Occupancy and Daylight harvesting capabilities. Radio module and Dual smart-PORTs for connection to NX Distributed Intelligence network. Integral in-fixture module provides on/off control and/or two channel dimming.* Includes NX In-Fixture Module Inline (NXFM), HubbNET Radio Module (NXRM-H), NX Fixture SmartPORT Adapter (NXDSP), Slide Mount Indoor Sensor Module (SMI) or Low Mount Indoor Sensor Module (LMI)					or

*2C not available with these options

= indicates fixture provided with bluetooth radio functionality for interfacing with Hubbell control hubb smartphone app



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BRAND	NAME	CATALOG NUMBER	DESCRIPTION	SPECIFICATIONS	DRIVER REQUIREMENTS	IMAGE
Wattstopper	FS-305RC Occupancy Sensor with FS-L6 Lens	SO1	PIR occupancy sensor that turns lighting on and off automatically based on occupancy. The model is a slim, low-profile device designed for installation inside the bottom of an indoor lighting fixture body. The FS-305RC is a low voltage model. The FS-L6 lens works with the FS-305RC occupancy sensors to turn lights on and off automatically based on occupancy. Wattstopper FS-305RC Occupancy Sensor	20' Diameter Coverage @ 8' Height	None	
Wattstopper	FS-505 Low Voltage Ultrasonic Integrated Fixture Occupancy Sensor	SO2	The FS-505 Low Voltage Ultrasonic Fixture Sensors control lighting based on occupancy. They are designed with a low-profile, architecturally pleasing appearance to easily integrate into a wide range of lighting fixtures or a customized housing. The sensors' modular plug-in system utilizes an RJ45 connector and 3' cord for flexibility and ease of use; Designed for wall mounted fixtures. Wattstopper FS-505 Low Voltage Occupancy Sensor	24' Diameter @ 8' Height	None	
Wattstopper	FS-505C Low Voltage Ultrasonic Fixture Occupancy Sensor	SO3	The FS-505C Low Voltage Ultrasonic Fixture Sensors control lighting based on occupancy. They are designed with a low-profile, architecturally pleasing appearance to easily integrate into a wide range of lighting fixtures or a customized housing. The sensors' modular plug-in system utilizes an RJ45 connector and 3' cord for flexibility and ease of use; Designed for pendant mounted fixtures. Wattstopper FS-505C Low Voltage Occupancy Sensor	30' x 24' @ 8' Height	None	
Wattstopper	FS-205 Occupancy Sensor	SO4	The FS-205 Low Voltage Passive Infrared (PIR) Fixture Sensor controls lighting based on occupancy. It is designed with a low-profile, architecturally pleasing appearance to easily integrate into lighting fixtures or a customized housing. The modular plug-in system utilizes an RJ45 connector on a low-voltage 6-ft. cord for installation flexibility, and to quickly link to an integrated power pack. Wattstopper FS-205 Occupancy Sensor	16' Diameter @ 8' Height	None	
Wattstopper	FS-305RC Occupancy Sensor with FS-L6 Lens	SO5	PIR occupancy sensor that turns lighting on to 100% (occupied) and 50% (unoccupied) automatically. The FS-305RC is a low voltage model. The FS-L6 lens works with the FS-305RC occupancy sensors to turn lights 100% and 50% intensity automatically based on occupancy	20' Diameter Coverage @ 8' Height	None	
Wattstopper	FS-205 Occupancy Sensor	SO6	The FS-205 Low Voltage Passive Infrared PIR occupancy sensor that turns lighting on to 100% (occupied) and 50% (unoccupied) automatically.	16' Diameter @ 8' Height	None	
Wattstopper	FD-301 Photosensor	SD1	Designed for mounting in LED and fluorescent lighting fixtures using 0-10 VDC electronic dimming ballasts, the FD-301 Fixture Integrated Daylight Dimming Photosensor is a low voltage controller that works with standard 0-10 VDC electronic dimming drivers/ballasts to control electric lighting in response to daylight. Wattstopper FD-301 Photosensor	Closed Loop	0-10V Dimming Driver/Ballast	
Lutron	EC-DIR-WH Photocell Daylight Sensor	SD2	This daylight sensor is designed specifically to work with Lutron® ballasts, control modules, and sensor interfaces to implement daylight harvesting. An integrated infrared (IR) receiver resides within the sensor to allow access to the system for advanced programming and personal control. Lutron Photocell Daylight Sensor	Open Loop	LEI0 Ballast option	
Lutron	FCJS-010 Vive PowPak wireless fixture module	LV	The Vive PowPak wireless fixture control is a radio-frequency (RF) device that controls 0-10V electronic LED drivers. This is based on RF input from Pico remote controls, Radio Powr Savr wireless sensors, or wired inputs from the PowPak fixture sensor. Communication with RF input devices is accomplished using Lutron Clear Connect RF Technology.	60' Wireless Range	0-10V Dimming Driver/Ballast	
Lutron	DFCSJ-OEM-OCC Wirelss Fixture Module with Occupancy Sensor & Dimming Daylight Harvesting Sensor	LVS	The Vive integral fixture control is a Radio Frequency device with a 360° field of view. Passive infrared motion detection with exclusive Lutron XCT Technology for major and minor motion detection. Daylight sensor has simple automatic calibration out-of-the-box. Designed to give a linear response to changes in light level.	144' Coverage @ 9' Height	DALIP	
Lutron	DFCSJ-OEM-RF Wireless Fixture Module	LVR	The Vive integral fixture control is a Radio Frequency device that provides wireless control of the fixture when neither occupancy or daylight sensing is needed. Communication with RF input devices is accomplished using Lutron Clear Connect RF Technology.	60' Wireless Range	DALIP	
Osram	CLM-Dim Zigbee Radio	OZR	The Connected Lighting Module (CLM) is a key component in a Light Management System (LMS). It enables luminaires to be connected to the LMS that are based on ZigBee® communication protocols. Individually addressable, the CLM enables each luminaire to be independently controlled and configured to best meet the needs of the facility. Osram Zigbee Radio	150' Wireless Range	D00 Driver option	
Osram	SensiLum w/ DALIP	OZS	Enables occupancy detection, daylighting harvesting and individual or group control of luminaires. The DEXAL interface option enables bi-directional communication and power between the driver and the SensiLUM sensor making it ideal for smart building applications that require exact luminaire-specific data, including power consumption, temperature profile, operating hours and diagnostics. SensiLUM™ Wireless Integrated Sensor	Wireless range: 150' line of sight; 50' through standard walls	DALIP	