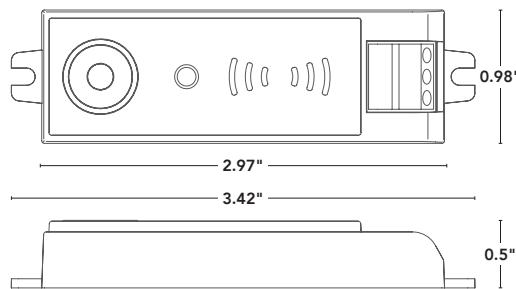




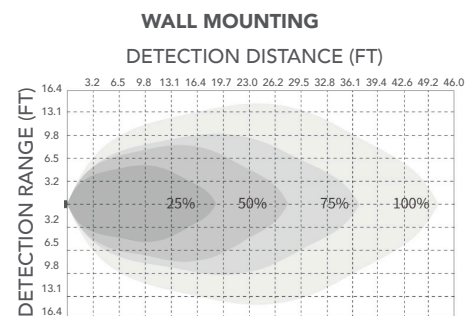
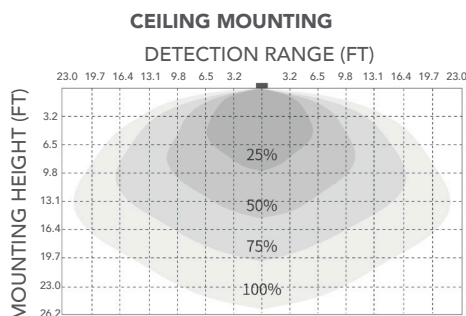
SILVAIR Bluetooth® Mesh series

HNB115MW
Microwave motion sensor



- Bluetooth® Mesh compliant
- Bluetooth operation frequency: 2.4GHz-2.483GHz
- Bluetooth transmission power: +4dBm
- Bluetooth indoor transmission range: 32.8-98.4 FT
- Bluetooth protocol: Bluetooth® Mesh
- 5.8GHz C-band microwave
- Input voltage: 12-14V DC
- Input current: ≥ 45mA
- 0-10V dimming, task tuning (10-100%)
- Compact, small enough to be built-in
- Autonomous sensor-based control
- OTA firmware upgrade
- Individual/group addressing
- Decentralized control
- Detection range diameter 39.3 FT max.
- Mounting height: max. 26.2 FT
- Operation temperature -4°F to 158°F

DETECTION PATTERN



SETTINGS

The mated remote control for this model is IR22 (For detection range / sensitivity adjustment only)



SILVAIR



ENOCEAN BLE SWITCH

EnOcean BLE switches can be used to control the Bluetooth Mesh sensor-equipped luminaires. The switches can easily be linked to a Bluetooth Mesh sensor by using the Silvair iOS app.

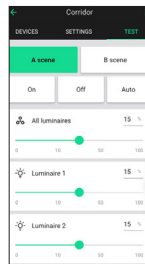


EnOcean
Self-powered IoT

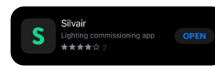
FULLY SUPPORT ENOCEAN
SWITCH EWSSB/EWSDB

PROVISIONING CONFIGURATIONS

The Bluetooth Mesh sensor is in the Unprovisioned Mode until it is provisioned, which is typically done by a smart phone with a Bluetooth Mesh compatible app. It is highly recommended to use the SILVAIR APP (<https://silvair.com/en/>) to make the Bluetooth Mesh sensor fully work.



SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



MOBILE APP: SILVAIR ON THE APP STORE
WEB APP: PLATFORM.SILVAIR.COM

BLUETOOTH MESH FACTORY RESET

This device can be easily reset by pressing the RESET button for 5 seconds. Once the factory reset is done successfully, the luminaire flashes and then goes to permanent on. Then the device is available to be re-commissioned by the SILVAIR APP.

NETWORK STATUS INDICATION (BY GREEN LED)

STATUS INDICATION	ON	OFF
HNB115MW UNPROVISIONED	30ms ON	270ms OFF
HNB115MW PROVISIONED	30ms ON	1,985ms OFF
FACTORY RESET	100ms ON	900ms OFF
MESH PACKAGE RECEIVED	30ms ON	20ms OFF
ATTENTION (FROM NETWORK)	500ms ON	500ms OFF

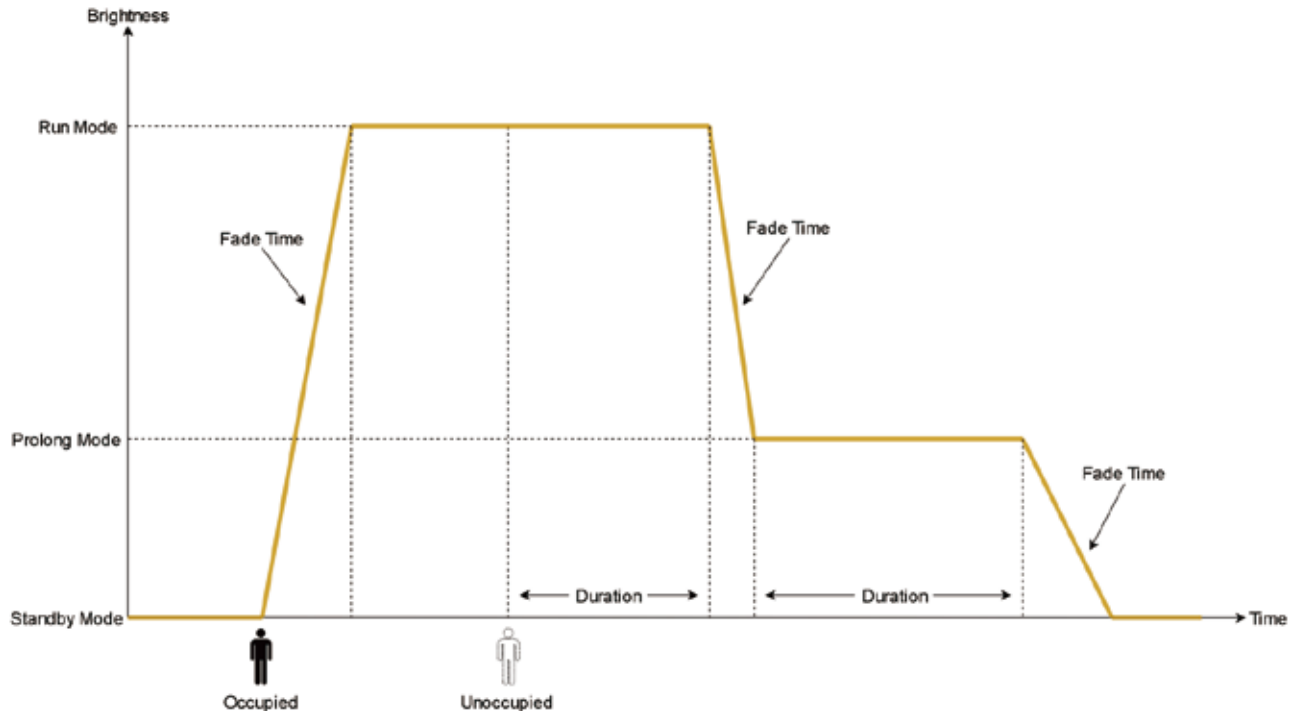
LIGHTING CONTROL SCENARIOS

MODE/SCENARIO	WIRELESS SWITCH	OCCUPANCY SENSOR	AMBIENT LIGHT SENSOR
UNPROVISIONED MODE	—	—	—
MANUAL CONTROL	ON / OFF / SCENES	—	—
OCCUPANCY SENSING	ON / OFF / SCENES	AUTO ON / OFF	—
VACANCY SENSING	ON / OFF / SCENES	AUTO OFF	—
OCCUPANCY SENSING W/ DAYLIGHT HARVESTING*	ON / OFF / SCENES	AUTO ON / OFF	ENABLED
VACANCY SENSING W/ DAYLIGHT HARVESTING	ON / OFF / SCENES	AUTO OFF	ENABLED

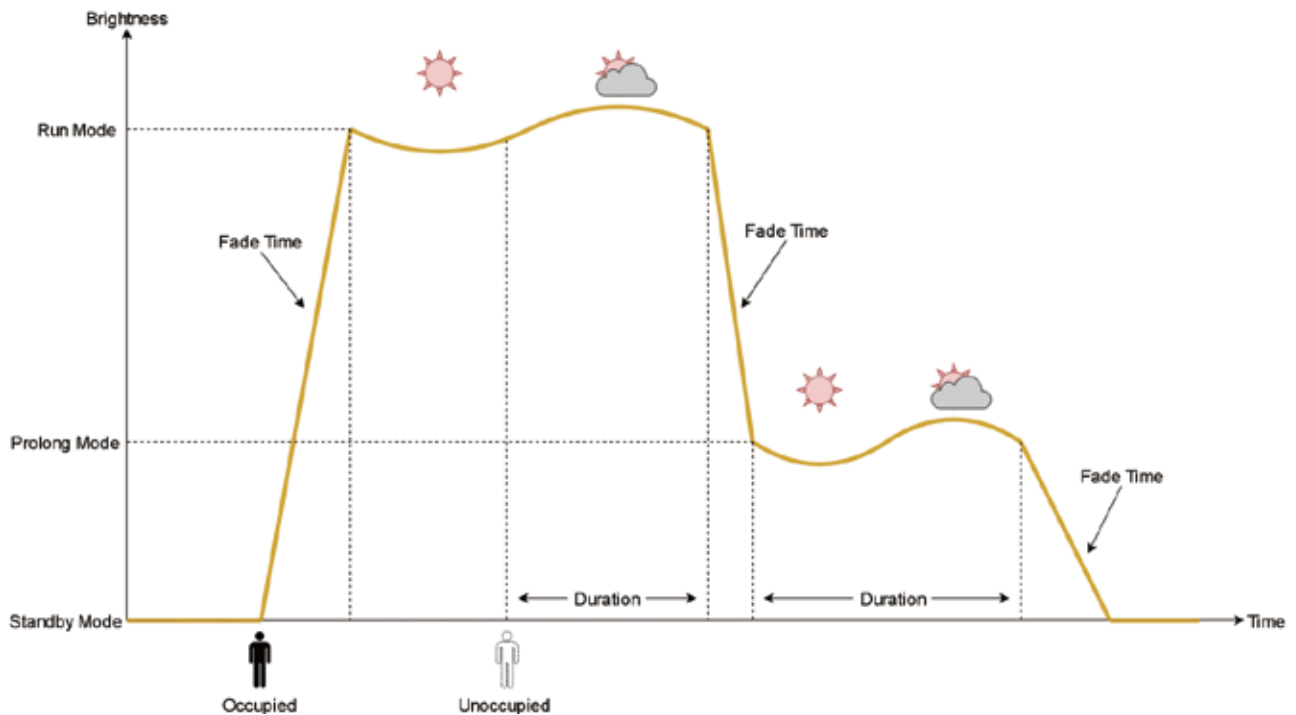
* WHEN THIS PRODUCT IS USED FOR "BUILT-IN" APPLICATION, PLEASE DO NOT CHOOSE ANY "DAYLIGHT HARVESTING" SCENARIOS



OCCUPANCY SENSING SCENARIO



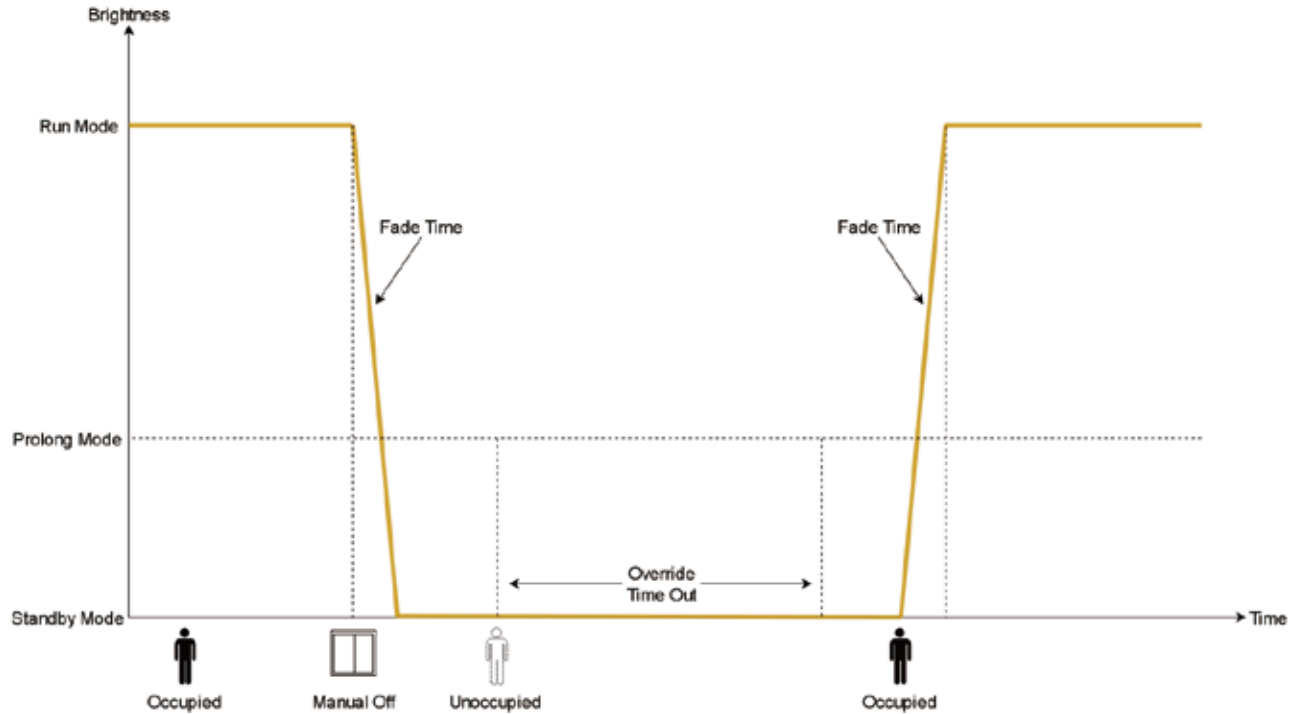
OCCUPANCY SENSING SCENARIO W/ DAYLIGHT HARVESTING*



* WHEN THIS PRODUCT IS USED FOR "BUILT-IN" APPLICATION, PLEASE DO NOT CHOOSE ANY "DAYLIGHT HARVESTING" SCENARIOS



OCCUPANCY SENSING SCENARIO W/ MANUAL OVERRIDE



WIRING DIAGRAM

