

ETC Application Note

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Application Note #	ETC Application Notes are designed to provide specific helpful information regarding ETC's technology or about solving a problem using ETC equipment.
112	If you need further assistance or information on this subject or any other, please contact ETC at 1-800-688-4116 or visit our web site at www.etcconnect.com .

Using Hubbell Building Automation Sensors in Unison® Paradigm™ Control Systems

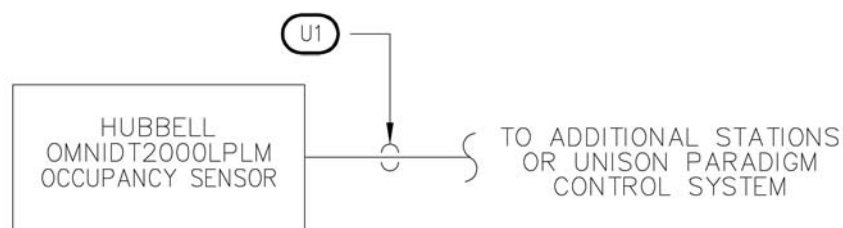
The following sensors manufactured by Hubbell Building Automation are available from ETC for use in Unison Paradigm Control Systems for daylight harvesting applications.

Supported Hubbell Building Automation (HBA) Occupancy Sensors:

The Hubbell Building Automation **OMNI™ DT series OMNIDT2000LPLM** occupancy sensor is supported over the Unison LinkConnect station bus. The OMNIDT sensor combines ultrasonic (US) and passive infrared (PIR) technology with up to a 2000sq. ft range.

Note: LM suffix is required for compatibility

Sample riser for Occupancy Sensor



Occupancy Sensor Notes

- Hubbell Building Automation Occupancy sensors connect to the Unison Paradigm Control System using the topology-free LinkConnect Wiring (Belden 8471 or approved equal)
- Each occupancy sensor counts as one station in the Unison Paradigm control system (Maximum 62 stations per Paradigm Control Processor)
- Rotary Address switches must be set to '000' for compatibility with the Unison Paradigm Control system station bus
- Standard Drawing is available from ETC
- [Datasheets and Installation guides are available](#) from the Hubbell Building Automation Website

ETC Application Note:

Using HBA Sensors in Unison Paradigm Systems

Supported Hubbell Building Automation (HBA) Photocell Sensors:

The Hubbell Building Automation **LX Series Photo Sensor control module LXPSCMLP** is connected over the Unison LinkConnect station bus. Each photocell control module supports one LX Series Photocell designed for Indoor, Outdoor, or Skylight applications. 1 Set point is available for each sensor by default in Paradigm LightDesigner; additional set points and functionality can be made available per sensor upon request from ETC Quotations.

Supported Products:

LXPSCMLP – Photocell Control Module

LXPSPCI – LX Photocell Indoor

LXPSPCO – LX Photocell Outdoor

LXPSPCS – LX Photocell Skylight

Note: One LXPSCMLP control module is required for each photocell

Sample Riser for Daylight Sensors

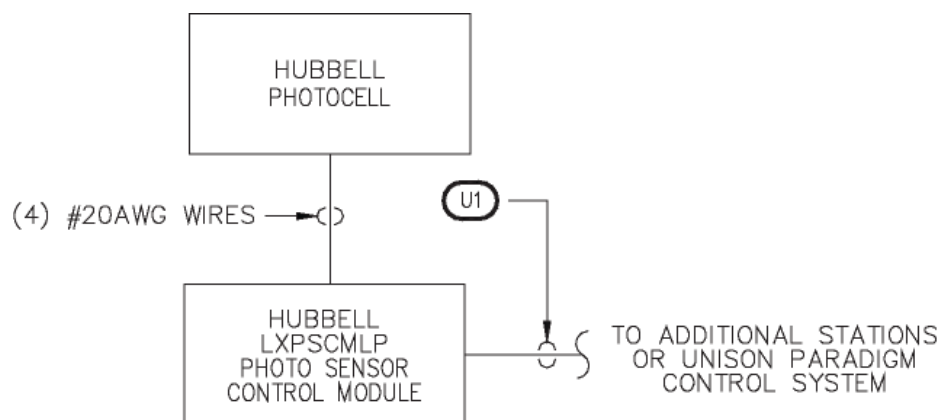


Photo Sensor Notes

- Hubbell Building Automation photocell control modules connect to the Unison Paradigm Control System using the topology-free LinkConnect Wiring (Belden 8471 or approved equal)
- Rotary Address switches must be set to '000' for compatibility with the Unison Paradigm Control system station bus
- Photocell mounts independent of control unit. Up to 1000' of 20 AWG wire can be used between the photocell and control module.
- Each Photo sensor control module counts as one station in the Unison Paradigm control system (Maximum 62 stations per Paradigm Control Processor)
- Each Photocell requires an independent control module
- Standard Drawing is available from ETC
- [Datasheets and Installation Guides](#) are available from the Hubbell Building Automation Website