



### PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_ Date \_\_\_\_\_

# wiSTAR™



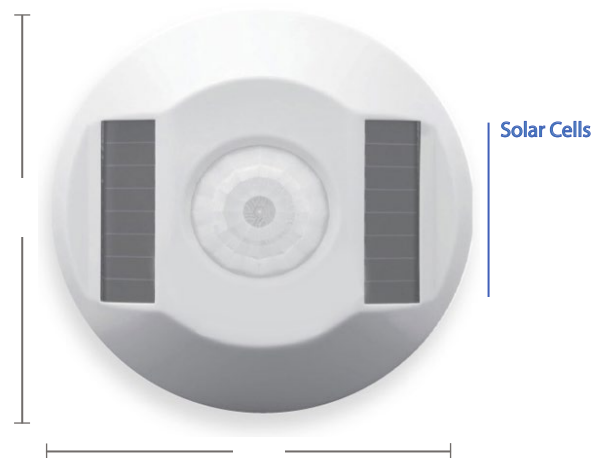
WIS-DSM

Hubbell Controls' *wiSTAR* Wireless Light Sensor has built-in solar cells that draw on available ambient light to power itself and can operate for up to 7 days in total darkness. Batteries are not required for continuous operation. The Light Sensor is designed to operate in closed loop applications for light levels from 0 to 94.8 footcandles (0 to 1020 LUX).

This is a revolutionary product for daylight harvesting applications to meet energy saving initiatives. Optimally place the sensor in the desired lighted space, pair it with a receiver for load control and your installation is complete. The self-powered wireless light sensor design also overcomes the placement and coverage challenges of traditional light sensors. They may be mounted wherever needed without moving or installing new wiring or conduit.

### PRODUCT FEATURES

- Daylight Harvesting with both switched and dimmed capabilities
- Self-Powered & Self-Charging
- No Batteries or External Power Required
- Quick Charge Time to Operation
- Up to 7 days of Stored Power
- Five-year limited warranty



## General Specifications

---

Frequency	902 MHz
Photocell	0 to 94.8FC (0 to 1020 LUX)
Transmission Interval	Upon > 20FC (200LUX) changes
Minimum Light Required	4FC (40 LUX)
Solar Cell Operating Range	4 to 100FC (40 to 1000 LUX)
Minimum Charge Time to Begin Operation	1 minute @ 20FC (200 LUX)
Full Charge Time	~8 hours @ 100FC (1000 LUX)
Maintain Charge Time	3 hours per 24 hours @ 20FC (200 LUX)
Operation Life at Full Charge	7 Days
Optional Battery Life	10 Years
Operating Temperature Range	32°F to 104°F (0°C to 40°C)
Storage Temperature Range	-4°F to 158°F (-20°C to 70°C)
Relative Humidity	0% to 95%, non-condensing
Usage	Indoor use only
Mounting Height	8-12 feet
Warranty	Five-year limited

## Ordering Information

---

WIS-DSM-WH

MODEL

**WIS-DSM-WH** wiSTAR™ Daylight Sensor Module, 902MHz, White



**HUBBELL**  
Control Solutions