Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

Thomas Research Products
WIS-DSM-WH

For any questions, you can email us directly:
sales@integrated-circuit.com

wiSTAR™ Light Sensor

WIRELESS LIGHTING CONTROLS

TITLE 24 COMPLIANCE | FCC | WIRELESS | DAYLIGHT HARVESTING | NO BATTERIES OR POWER REQUIRED

wiSTAR™

WIS-DSM

PROJECT INFORMATION

Project Name

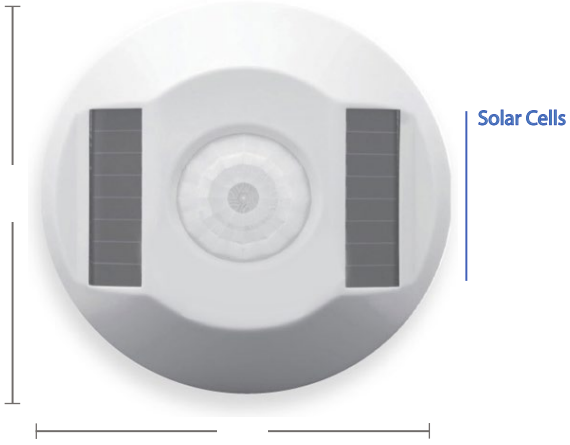
Catalog No. Date

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



HUBBELL® Control Solutions

Distributor of Thomas Research Products: Excellent Integrated System Limited
Datasheet of WIS-DSM-WH - DAYLIGHT SENSOR MODULE WHITE
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

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