

# SMaRT Control Series

ENGINEER AND ARCHITECT SPECIFICATION

## Solaira SMaRT Occupancy On/Off Control fSMRTOCC40/60



SPE 1000 CANADA INSPECTED

### SOLAIRA SMaRT Occupancy 40 and 60

Solaira SMaRT passive infrared occupancy 40 and 60 are part of a family of Solaira SMaRT controllers designed to provide energy saving when used with infrared heaters or other heating and lighting products. These models have a built in passive Infrared sensor allowing the heaters to automatically switch on only when people are present. The Solaira SMaRT Occupancy 40 and 60 also feature an on-board temperature sensor that monitors the local temperature and inhibits the heaters when the temperature exceeds a pre-determined set point of between 41°F (5°C) to 77°F (25°C).

The microcontroller-based unit incorporates zero-voltage switching and a soft-start function to eliminate the heaters initial high inrush current, potentially increasing heater emitter life by as much as 30%. The heaters are switched on for a user-settable time period of between 5 and 60 minutes. This period is reset each time the PIR detects any further movement. Installation of the unit is simple and once installed is relatively maintenance-free.

### SMaRT OCCUPANCY CONTROL DESIGN

SMRTOCC40	Maximum 4000W, 208-240V	2 X 1500W,208/240 or 2 X 2000W,208/240 or 1 X 3000W or 4000W, 208/240
SMRTOCC60	Maximum 6000W, 208-240V	4 X 1500W,208/240 or 4 X 2000W,208/240 or 2 X 3000W, 208/240 Or 1 X 6000W, 208/240

### TECHNICAL SPECIFICATION

Part #	Voltage	Max Heater Watt	Max Heater Load	On-Time	Temperature Monitor Set Point	Detection Range/ Angle
SMRTOCC40	208-230V	4000W	16.6A	1-60Minute	41°F (5°C) to 77°F (25°C)	16' (5 m)/100°
SMRTOCC60	208-230V	6000W	25 A	1-60Minute	41°F (5°C) to 77°F (25°C)	16' (5 m)/100°

**Enclosure Dimensions:** 5-1/8" X 5-1/8" X 3" (130x130x75 mm)  
**Enclosure Operating Temperature Range:** 4°F (-20°C) to 104°F (40°C)  
**Enclosure/Protection Rating:** UL94 certified Resin Enclosure, IP65 Water Resistant for outdoor/indoor  
**Inspection:** cETL SPE-1000 Canada

### SOLAIRA SMaRT OCCUPANCY ON/OFF CONTROL 40 and 60 SUBMITTAL

JOB NAME \_\_\_\_\_ JOB LOCATION \_\_\_\_\_  
 ARCHITECT \_\_\_\_\_ ENGINEER \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_ SUBMITTED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 ITEM SPEC \_\_\_\_\_ QTY \_\_\_\_\_ CONTROLS \_\_\_\_\_

Solaira<sup>®</sup>™ is a registered trademark of Inforesight Consumer Products Inc.

Canada: 125 Traders Blvd #4, Mississauga, Ontario  
 Phone: 866-321-8373 local 905-568-7655 Fax: 905-568-7521 web: [www.solairaheaters.com](http://www.solairaheaters.com) email: [info@solairaheaters.com](mailto:info@solairaheaters.com)

Notice: Inforesight Consumer Products Inc. website and product information can be accessed from Canada and other countries around the world. Customer understands that some or all products provided by Inforesight Consumer Products Inc. may not be available for purchase or installation in certain jurisdictions or geographical areas. Inforesight Consumer Products Inc. reserves the right, in its sole discretion, to exclude or otherwise limit the provision of any product to a person or entity residing in any jurisdiction or geographical area outside of Canada. Inforesight Consumer Products Inc. provides general product information, installation guidelines and procedures and Customer understands that Customer is solely and exclusively responsible for installation of the product and ascertaining all applicable local municipal, provincial, state, and federal NEC (National Electrical Code) rules, by-law, ordinances and guidelines applicable to the installation of any Inforesight Consumer Products Inc. products. Customer must strictly adhere to and be compliant with the local rules, laws, ordinances and legal requirements for the safe installation and use of any Inforesight Consumer Products Inc. products. Instruction manuals are included with the product packaging and copies of our instruction manuals are available upon request. Under no circumstances shall Inforesight Consumer Products Inc. or its affiliated entities, employees, agents, shareholders, officers or directors be liable to Customer or any third party for any product installations and Customer releases Inforesight Consumer Products Inc. from any and all losses, death, personal injury, property damage, other damages, rights, claims, demands and actions of any kind arising from the Customer's installation and use of the product, whether the installation was or was not in accord with the provided instruction manual and/or in compliance with applicable local laws.  
 Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice and without incurring obligations.