Area Lights

Product Specifications

Supply Voltage and Current	**LED.A62X62M models**:Voltage supplied by PresencePLUS P4 sensors, if operating at 24V dc. Infrared:24V dc @ 150 mA max. Visible red, white, blue and green::24V dc @ 200 mA max. **LED.A80X80M models**:24V dc @ 250 mA max.; voltage supplied by PresencePLUS P4sensors, if operating at 24V dc. **LED.A62X62W models**: Infrared:24V dc @ 150 mA max. Visible red, white, blue and green:24V dc @ 200 mA max. **LED.A80X80W models**:24V dc @ 250 mA max. **LED.A100, LED.A75, LED.A50 and LED.A40 models**:12V dc ±10% with voltage regulation of ±1% LED..N models:12V dc ±10% with voltage regulation of ±1% LED..N-24 and LED..N-S models:24V dc ±10% with voltage regulation of ±1%
Illumination	**LED.A62X62 and LED.A80X80 models**:Lightly diffused, high-intensity light; ontinuous or strobed operation is selectable using sensor software. Infrared:at a 24 inch distance, illuminates an 8 inch diameter area within 60% of the center intensity. Visible red, white, blue and green:at a 12 inch distance, illuminates a 4 inch diameter area within 50% of the center intensity. **LED.A100, LED.A75, LED.A50 and LED.A40 models**:Continuous non-diffused, continuous diffused, strobed non-diffused or strobed diffused, depending on model
Light Source and Wavelength	**LED.A62X62 models**: Infrared:940 nm Visible red:630 nm Visible white:all visible Visible blue:464 to 475 nm Visible green:520 to 540 nm **LED.A80X80 models**: Infrared:850 nm Visible red:660 nm Visible white:all visible Visible blue:470 nm Visible green:525 nm **LED.A100, LED.A75, LED.A50 and LED.A40 models**: Infrared:940 nm Visible red:640 nm Visible white:6500 K Visible blue:470 nm
Connections	**LED.A62X62M & LED.A80X80M models**:300 mm pigtail with 3-pin male Pico-style quick-disconnect fitting. QD cable are ordered separately. **LED.A62X62W & LED.A80X80W models**:3-wire 2 m or 9 m PVC attached cable

	LED.A100, LED.A75, LED.A50 and LED.A40 models:1.8 m attached cable terminated with 9-pin D-sub donnector (male pins)
Construction	**LED.A62X62 and LED.A80X80 models**:low-carbon steel with black zinc plating, acrylic window **LED.A100, LED.A75, LED.A50 and LED.A40 models**:black anodized aluminum housing
Useful Life	**LED.A62X62 and LED.A80X80 models**:10,000 hours (LED ON time). When operated within specifications, output will decrease less than 30% after 10,000 hours and less than 50% (less than 40% for red and infrared models) after 20,000 hours. **LED.A100, LED.A75, LED.A50 and LED.A40 models**:actual useful life of strobed lights depends on duty cycle Infrared or visible white and blue:50,000 hours Visible red:60,000 hours
Operating Conditons	**Temperature**: LED.A62X62 and LED.A80X80 models:0° to +50° C LED.A100, LED.A75, LED.A50 and LED.A40 models:0° to +40° C **Relative humidity**: LED.A62X62 and LED.A80X80 models:90% @ 50° C (non-condensing) LED.A100, LED.A75, LED.A50 and LED.A40 models:95% @ 40° C (non-condensing)
Cleaning Instructions	**LED.A62X62 and LED.A80X80 models**:Regularly remove any dust, dirt or fingerprints from the light source. Blow off dust using anti-static compressed air or if necessary, use a lens cloth and lens cleaner or window cleaner to wipe off remaining debris. Do not use any other chemicals for cleaning.