

### Description:

Designed to provide you with optimal light that meets your reading and ambient requirements, this Solar Series Reading Ambient Light comes with up to two lighting functions. Reading and Ambient functions are standard, Night Light is optional. With patient safety in mind, all of the LEDs are fully enclosed. The lenses and reflectors used offer clean, glare-free light to ensure maximum light output for caregivers to perform their tasks while creating a comfortable lighting environment for the patient.

### Features:

- Hospital grade material and finish
- Glare-free reflectors
- Reading light
- Ambient light
- Optional night light
- Seam welded enclosure



### Construction Material:

**Housing:** 20ga CRS, single piece, seam-welded construction.

**Finish:** White urethane powder coat finish – 5 step treatment; hospital grade material and finish.

**Drivers:** High power factor constant current, 0.97 pf @ 120V (Class2, ClassII).

**Light Source:** Samsung LED (or equivalent) mounted to linear boards.

**Lamp Shielding:** Perforated basket with acrylic diffuser for Ambient and clear acrylic shield for Reading.

**Ingress Barrier:** IP65 rated 3mm clear acrylic barrier covers the entire fixture using a piano hinge. Door frame secured to the housing and a closed cell neoprene/EPDM/SBR gasket seals the door frame to the housing.

### Specifications:

**Voltage:** 120 - 277 V.

**Standard Wattage:** Reading: 27 W, Ambient: 49 W, Total: 76 W.

**Light Output:** Reading: 3,047 lms; Ambient: 5,824 lms Total: 8,871 lms.

**Dimming:** 0 - 10 Volts, Standard 5% dimming; contact factory for 1% dimming, DALI options available.

**Standard Color Quality:** Standard 80 CRI, contact factory for 90 CRI.

**Standard Color Temperature:** 3000K, 3500K, 4000K (contact factory for additional options).

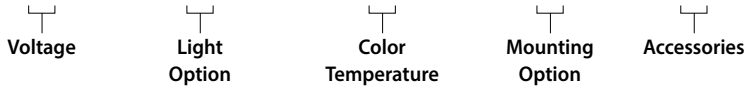
**Life of LEDs:** L70 >100,000 hours.

**Listings:** Certified to UL standards by ETL. Conforms to CSA standards as per ETL testing.

**Warranty:** Limited five (5) year warranty.

**Ordering Guide:**

**L - SOLR -**



**For Example: L-SOLR-120-N-LED35-S-LB**

Solar Series 2' x 2' Reading Ambient, 120 V, Night Light, 3500 Kelvin, Surface Mount, Low Voltage Controller and Low Voltage Controller & Ingress Barrier

**Ordering Information:**

Series	Voltage*	Light Options**	Color Temperature***	Mounting	Accessories
<b>L-SOLR</b>	<b>120</b> 120 V	<b>C</b> Chart Light	<b>LED30</b> 3000K	<b>F</b> Flange Mount	<b>IB</b> Ingress Barrier
	<b>277</b> 277 V	<b>O</b> No Options	<b>LED35</b> 3500K	<b>G</b> Grid Mount	<b>LV</b> Low Voltage Controller
	<i>*Consult factory for additional voltage requirements</i>	<i>**Consult factory for custom light output options</i>	<b>LED40</b> 4000K	<b>S</b> Surface Mount	<b>LB</b> Low Voltage Controller & Ingress Barrier
			<i>***Consult factory for additional options</i>		<b>LM</b> LightMaster Relay for Multifunction Keypad
					<b>MB</b> LightMaster Relay & Ingress Barrier
					<b>00</b> No Accessories

**Dimensions:**

