

### Description:

The Solar Duo Med Ambient/Exam LED Light is designed to provide you with optimal light that meets your general patient room requirements. 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.

### Features:

- Hospital grade material and finish
- Acrylic diffuser
- Ambient lights
- Exam lights
- Seam welded enclosure
- Long lasting LEDs



### Construction Material:

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

**Finish:** White urethane powder coat finish – hospital grade material and finish

**Lens:** Impact resistant, clear polycarbonate lens. Available in different thickness

**Drivers:** High power factor constant current, 0.97 pf @ 120 V (Class 2, Class II)

**Light Source:** Samsung LEDs mounted on Aluminum Core PCB

### Specifications:

**Voltage:** 120 - 277 Volts

**Standard Wattage:** Ambient: 30 W, Exam: 40 W, Total Pair: 140 W

**Standard Light Output:** Ambient: 3,185 lms, Exam: 4,230 lms, Total Pair: 14,830 lms

**Dimming Options:** 0 - 10 Volts, Standard 1% dimming; DALI options available

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

**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 - SDM -**



**For Example: L-SDM-120-A1E1-L30-A-G-LVC-00**

Solar Series Duo Med LED Light, 120 V, Ambient/Exam (standard lms), 3000 Kelvin, 80 CRI, Grid mount, Low voltage controller, No Options

**Ordering Information:**

Series	Voltage*	Functions	Color Temperature***	CRI	Mounting	Switching	Options
L-SDM	120	A1E1 Ambient (standard lms), Exam (standard lms)	L30 3000K	A 80 CRI	F Flange mount	000 No switch (provided by others)	00 No options
	277	A1E2 Ambient (standard lms), Exam (high lms)	L35 3500K	B 90 CRI	G Grid mount	LVC Low voltage controller	AD Access Door
	<i>*Consult factory for 347 requirement</i>	A2E1 Ambient (high lms), Exam (standard lms)	L40 4000K		S Surface mount	LVD Low voltage controller with dimming	
		A2E2 Ambient (high lms), Exam (high lms)	CXX Custom Temperature			LMS Light Master without dimming	
		CAEXX Custom Lumens	<i>***Consult factory for additional options</i>			LMD LightMaster with dimming	
						DAL Digital Addressable Lighting Interface Driver (DALI)	

**Standard Output:**

(per fixture)

Ambient = 3,185 lms, 30 W, 106 lms/W

Exam = 4,230 lms, 40 W, 106 lms/W

**High Output:**

(per fixture)

Ambient = 4,118 lms, 39 W, 106 lms/W

Exam = 6,345 lms, 60 W, 106 lms/W

**Dimensions:**

