

### Description:

Designed to provide you with optimal multifunction light that meets your Behavioral patient room. The Solar Duo Med LED Light comes with up to three lighting functions: Ambient, Exam and Reading. With patient safety in mind the fixture has been designed with tamper proof polycarbonate shield with Torx fasteners to offer protection to the patient. The housing is constructed using high quality cold roll steel enclosure for added durability and security.

### Features:

- Hospital grade material and finish
- PC diffuser
- Ambient lights
- Exam lights
- Reading lights
- Seam welded enclosure
- Long lasting LEDs
- Tamper resistant fasteners
- Anti-ligature construction
- Vandal resistant torx screws



### 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)

**Ingress Protection:** IP65 rated fully enclosed 16Ga CRS cover, with contentious lens retention system. Tested and proven anti-ligature construction.

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

### Specifications:

**Voltage:** 120 - 277 Volts

**Standard Wattage:** Ambient: 30 W, Exam: 40 W, Reading: 5 W, Total: 75 W, Total Pair: 150 W

**Standard Light Output:** Ambient: 3,185 lms, Exam: 4,230 lms, Reading: 450 lms, Total: 7,865 lms, Total Pair: 15,730 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)

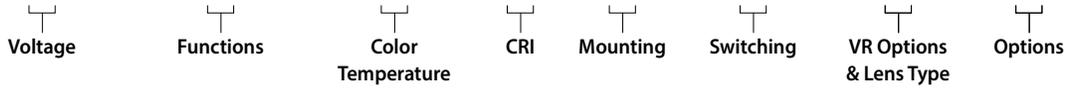
**Life of LEDs:** L70 >100,000 hours

**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 - H -** - - - - - - - - - -



**For Example: L-SDM-H-120-AL111-L30-A-F-LVC-VB-OD**

Solar Series Behavioral Duo Med LED Light, 120 V, Reading (standard lms)/Ambient (standard lms)/Exam (standard lms), 3000 Kelvin, 80 CRI, Flange mount, Low voltage controller, Vandal Resistant; 0.177" Clear Polycarbonate, Overlapping door.

**Ordering Information:**

Series	Voltage*	Functions	Color Temperature**	CRI	Mounting	Switching	VR Options & Lens Type	Options
L-SDM-H-	120	AL111 Reading (standard lms), Ambient (standard lms), Exam (standard lms)	L30 3000K	A 80 CRI	F Flange Mount	000 No Switch (provided by others)	VA Vandal Resistant; 0.118" Clear Polycarbonate	OD Overlapping Door
	277	AL112 Reading (standard lms), Ambient (standard lms), Exam (high lms)	L35 3500K	B 90 CRI		LVC Low Voltage Controller	VB Vandal Resistant; 0.177" Clear Polycarbonate	
	<i>*Consult factory for 347V requirement</i>	AL121 Reading (standard lms), Ambient (high lms), Exam (standard lms)	L40 4000K			LVD Low Voltage Controller with Dimming	VC Vandal Resistant; 0.220" Clear Polycarbonate	
		AL122 Reading (standard lms), Ambient (high lms), Exam (high lms)	CXX Custom Temperature			LMS LightMaster without Dimming	VD Vandal Resistant; 0.354" Clear Polycarbonate	
		AL211 Reading (high lms), Ambient (standard lms), Exam (standard lms)	<i>**Consult factory for additional options</i>			LMD LightMaster with Dimming		
		AL222 Reading (high lms), Ambient (high lms), Exam (high lms)				DAL Digital Addressable Lighting Interface Driver (DALI)		
		CXYZ Custom Lumens						

**Standard Output:**

(per fixture)

Reading = 450 lms, 5 W, 90 lms/W

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

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

**High Output:**

(per fixture)

Reading = 1,013 lms, 12 W, 85 lms/W

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

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

**Vandal Resistant Lens:**

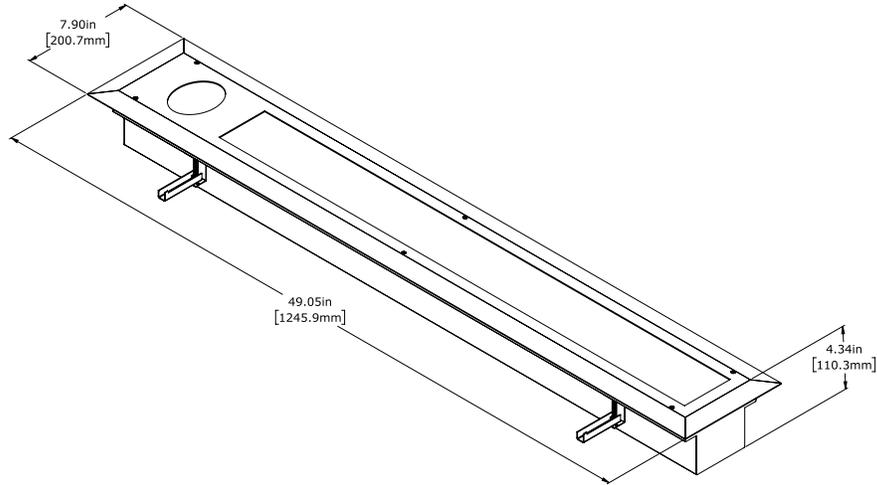
0.118" - 0.354" Polycarbonate Lens



# Duo Med Multifunction LED Light Behavioral

**Dimensions:**

**Overlapping Door:**



**Distance Between Swing Arm and Flange:**

