

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



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: 33 W, Exam: 40 W, Reading: 7 W, Total: 80 W, Total Pair: 160 W

Standard Light Output: Ambient: 2,600 lms, Exam: 3,200 lms, Reading: 450 lms, Total: 6,250 lms, Total Pair: 12,500 lms

Dimming Options: 0 - 10 Volts, Standard 5% dimming; contact factory for 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 50,000 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-I-AL11-L30-A-G-LVC-VRB

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

Ordering Information:

Series	Voltage*	Control**	Functions	Color Temperature***	CRI	Mounting	Switching	VR Options & Lens Type		
L-SDM	120	I	AL11	Reading (standard lms), Ambient (standard lms), Exam (standard lms)	L30	3000K	A 80 CRI	F Flange mount	000 No switch (provided by others)	VRA Vandal Resistant; 0.118" Clear Polycarbonate
			AL12	Reading (standard lms), Ambient (standard lms), Exam (high lms)	L35	3500K	B 90 CRI	G Grid mount	LVC Low voltage controller	VRB Vandal Resistant; 0.177" Clear Polycarbonate
	277	**Consult factory for custom configurations	AL21	Reading (standard lms), Ambient (high lms), Exam (standard lms)	L40	4000K		LVD Low voltage controller with dimming	VRC Vandal Resistant; 0.220" Clear Polycarbonate	
			AL22	Reading (standard lms), Ambient (high lms), Exam (high lms)	***Consult factory for additional options		LMS Light Master without dimming	VRD Vandal Resistant; 0.354" Clear Polycarbonate		
						LMD LightMaster with dimming				

Standard Output:

(per fixture)

Ambient = 2,600 lms, 33 W

Exam = 3,200 lms, 40 W

High Output:

(per fixture)

Ambient = 3,983 lms, 49 W

Exam = 4,013 lms, 50 W

Vandal Resistant Lens:

0.118" - 0.354" polycarbonate lens

Dimensions:

