Solar Series
Duo Med Multifunction LED Light

Description:

The Solar Duo Med tandem luminaires merge architectural aesthetics with superior performance, providing a sleek and modern design to any patient room. Designed for ultimate versatility, the Duo Med Series offers multiple lighting configurations to be used in the patient room, ICU, and examination areas within the hospital. The tandem design frees up valuable ceiling space to accommodate critical healthcare equipment while the asymmetric light distribution optimized clinical efficiencies, ensuring maximum light output onto the patient bed. The home-like design of the Duo Med Series provides a visual comfort for the patient to create a healing environment that helps to enhance their physical and emotional well-being.

Features:

- Hospital grade material and finish
- Acrylic diffuser
- Ambient lights
- Exam lights
- Reading lights
- Seam welded enclosure
- Long lasting LEDs
- Options for triple gasketing and overlapping door available

Construction Material:

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

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

Lens: IP65 rated fully enclosed CRS cover, with acrylic diffuser; 3 mm (0.118") standard 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, 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

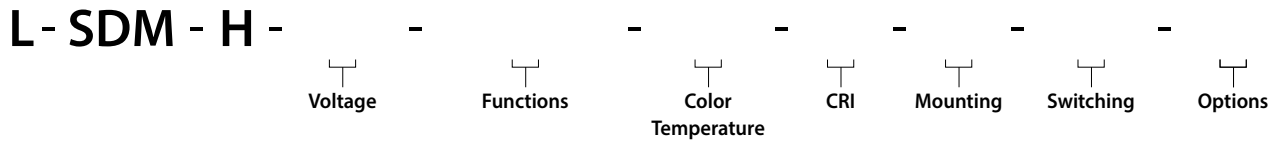**Color Quality:** Standard 80 CRI, contact factory for 90 CRI option

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

Solar Series
Duo Med Multifunction LED Light

Ordering Guide:

L - SDM - H -

| Voltage | Functions | Color Temperature | CRI | Mounting | Switching | Options |

For Example: L-SDM-H-120-AL111-L30-A-G-LVC-00

Solar Series Duo Med LED Light, 120V, Reading/Ambient/Exam (standard lms), 3000 Kelvin, 80 CRI, Grid mount, Low voltage controller

Ordering Information:

Series	Voltage*	Functions		Color Temperature***		CRI		Mounting		Switching		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)	00	No options, Standard Inset Door
	277	AL112	Reading (standard lms), Ambient (standard lms), Exam (high lms)	L35	3500K	B	90 CRI	G	Grid mount	LVC	Low voltage controller	OD	Overlapping Door
	*Consult factory for 347 requirement	AL121	Reading (standard lms), Ambient (high lms), Exam (standard lms)	L40	4000K					LVD	Low voltage controller with dimming	IT	Inset Door, Triple Gasketing
		AL122	Reading (standard lms), Ambient (high lms), Exam (high lms)	CXX	Custom Temperature					LMS	Light Master without dimming	OT	Overlapping Door, Triple Gasketing
		AL211	Reading (high lms), Ambient (standard lms), Exam (standard lms)	***Consult factory for additional options						LMD	LightMaster with dimming		
		AL222	Reading (high lms), Ambient (high lms), Exam (high lms)							DAL	Digital Addressable Lighting Interface Driver (DALI)		
		CLXYZ	Custom Lumens										

Standard Output:
(per fixture)

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

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

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

High Output:
(per fixture)

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

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

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

R1 - Reading Light:
(per fixture)

Chip on Board (COB)

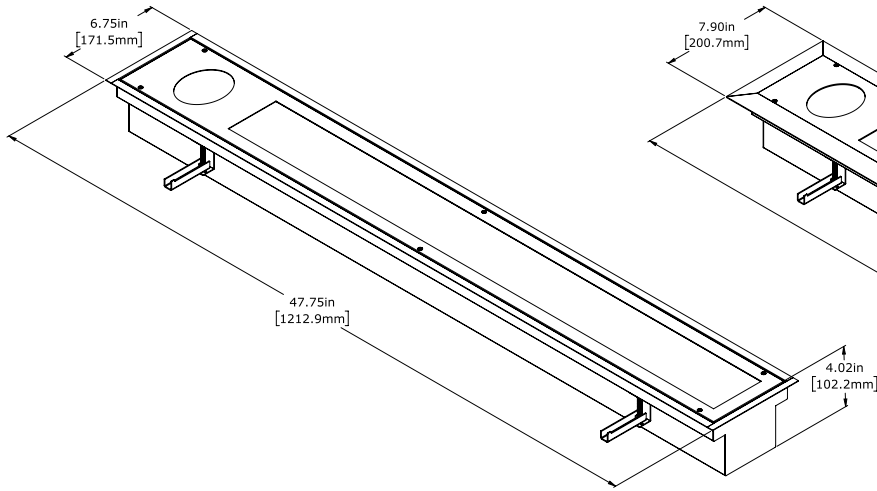Reading = 450 lms, 2W

R2 - Reading Light:
(per fixture)

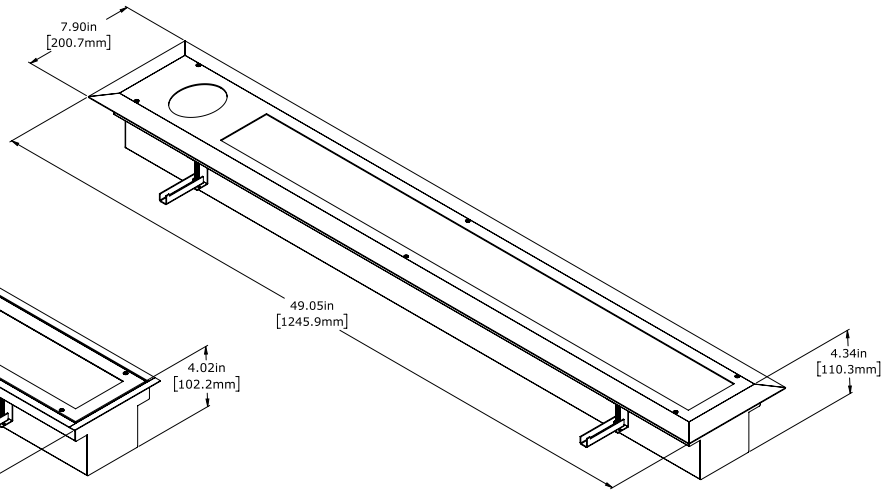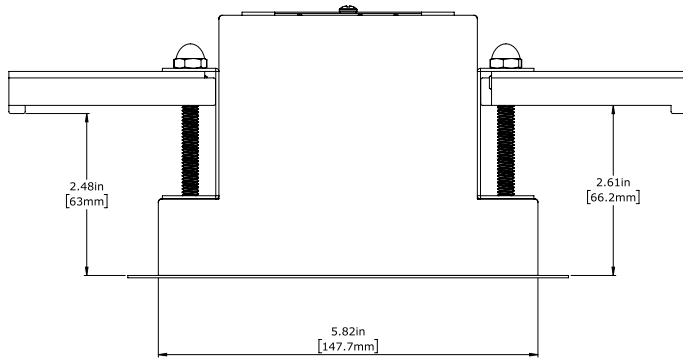Chip on Board (COB)

Reading = 1,013 lms, 12W

Amico
Lighting Solutions

Dimensions:

Inset Door:

6.75in
[171.5mm]

47.75in
[1212.9mm]

4.02in
[102.2mm]

Overlapping Door:

7.90in
[200.7mm]

49.05in
[1245.9mm]

4.34in
[110.3mm]

Distance Between Swing Arm and Flange:

2.48in
[63mm]

2.61in
[66.2mm]

5.82in
[147.7mm]

Ceiling Cutout Dimensions:

*Per Single Duo Med Fixture

Ceiling Cutout Length (inches)	Ceiling Cutout Width (inches)
47.25	6.125

*Ceiling Cutout should be accurate within 1/16 of an inch

ETL LISTED

LED

5 YEAR limited warranty