Solar Series
Duo Med Ambient LED Light

Amico
Lighting Solutions

Description:

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
- 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, Total Pair: 60 W

Standard Light Output: Ambient: 3,185 lms, Total Pair: 6,370 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)
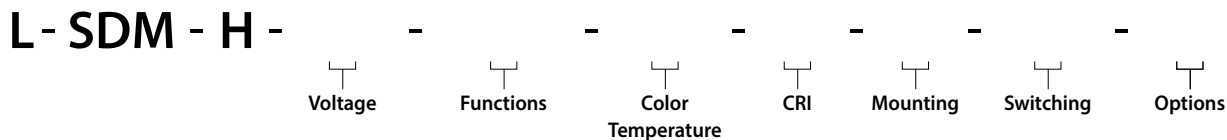
Life of LEDs: L70 > 100,000 hours

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

Warranty: Limited five (5) year warranty

LED   5 YEAR limited warranty

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Ordering Guide:

L - SDM - H - ___ - ___ - ___ - ___ - ___ - ___ - ___

Voltage Functions Color Temperature CRI Mounting Switching Options

For Example: L-SDM-H-120-A100-L30-A-G-LVC-00

Solar Series Duo Med LED Light, 120 V, Ambient only (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-H	**120**	**A100**	Ambient only (standard lms)	**L30**	3000K	**A**	80 CRI	**F**	Flange mount	**000**	No switch (provided by others)	**00**	No options, Standard Inset Door
	277	**A200**	Ambient only (high lms)	**L35**	3500K	**B**	90 CRI	**G**	Grid mount	**LVC**	Low voltage controller	**OD**	Overlapping Door
	Consult factory for 347 requirement	**AXYZ**	Custom Lumens	**L40**	4000K					**LVD**	Low voltage controller with dimming	**IT**	Inset Door, Triple Gasketing
				CXX	Custom Temperature					**LMS**	Light Master without dimming	**OT**	Overlapping Door, Triple Gasketing
				****Consult factory for additional options*						**LMD**	LightMaster with dimming		
										DAL	Digital Addressable Lighting Interface Driver (DALI)		

Standard Output:

(per fixture)

Ambient = 3,185 lms, 30 W, 106 lms/W
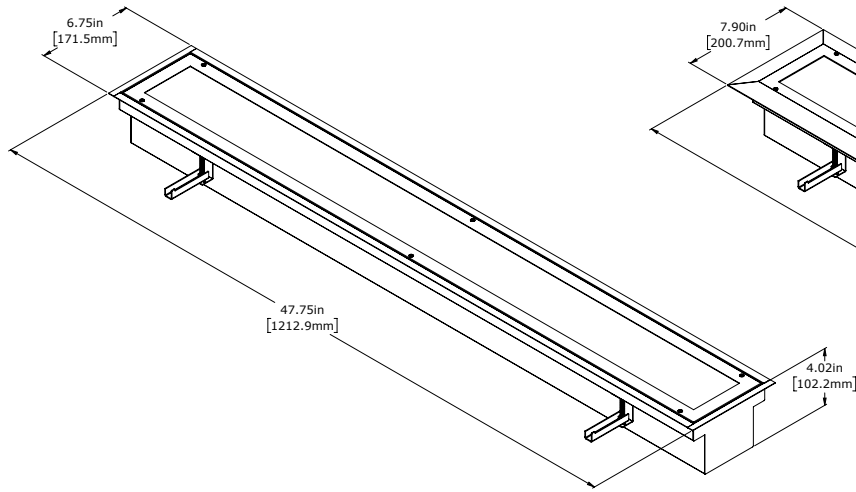
High Output:

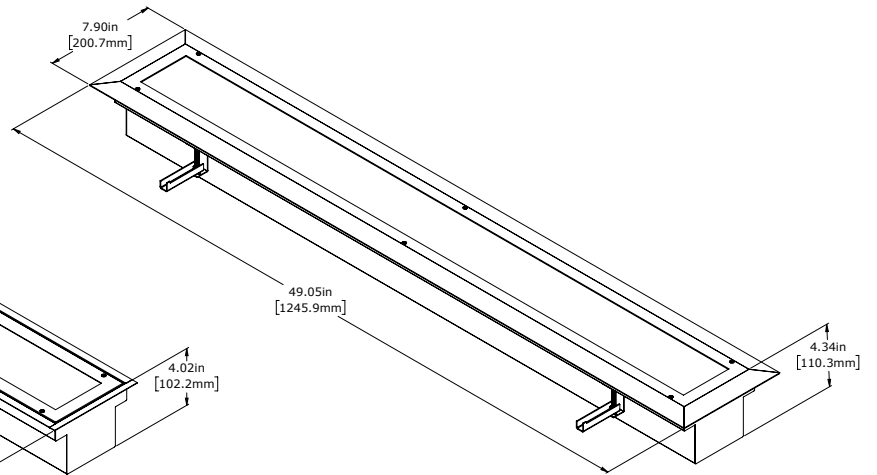**(per fixture)**

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

cETLus LED 5 YEAR limited warranty

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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]
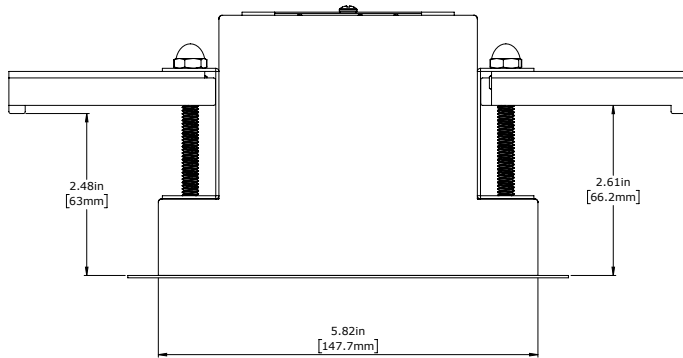
Ceiling Cutout Dimensions:

*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