Solar Series
Duo Med Ambient LED Light
Behavioral

Amico
Lighting Solutions
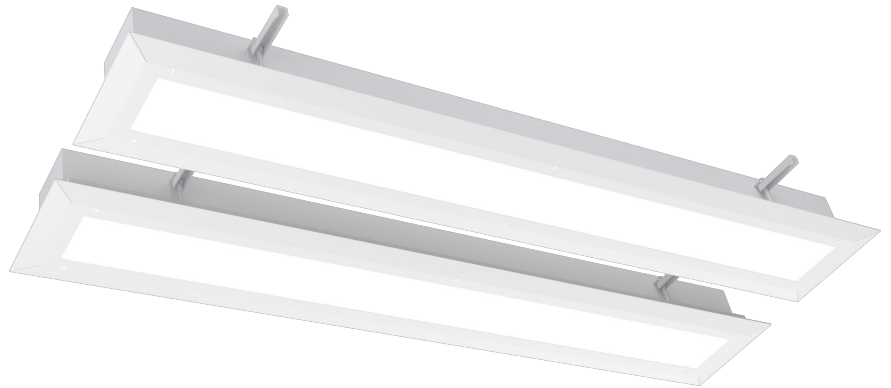
Description:

Designed to provide you with optimal Ambient light that meets your Behavioral patient room. 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
- 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, 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

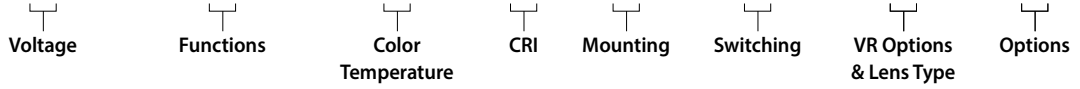**Standard Color Temperature:** 3000K, 3500K, 4000K (contact factory for additional options)

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 | VR Options & Lens Type | Options |

For Example: L-SDM-H-120-A100-L30-B-F-LVC-VB-OD

Solar Series Behavioral Duo Med LED Light, 120 V, Ambient only (standard lms), 3000 Kelvin, 90 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	A100	Ambient only (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	A200	Ambient only (high lms)	L35	3500K	B	90 CRI		LVC	Low Voltage Controller	VB	Vandal Resistant; 0.177" Clear Polycarbonate		
	*Consult factory for 347 V requirement	AXYZ	Custom Lumens	L40	4000K				LVD	Low Voltage Controller with Dimming	VC	Vandal Resistant; 0.220" Clear Polycarbonate		
				CXX	Custom Temperature				LMS	LightMaster without Dimming	VD	Vandal Resistant; 0.354" Clear Polycarbonate		
				**Consult factory for additional options					LMD	LightMaster with Dimming				
									DAL	Digital Addressable Lighting Interface Driver (DALI)				

Standard Output:
(per fixture)
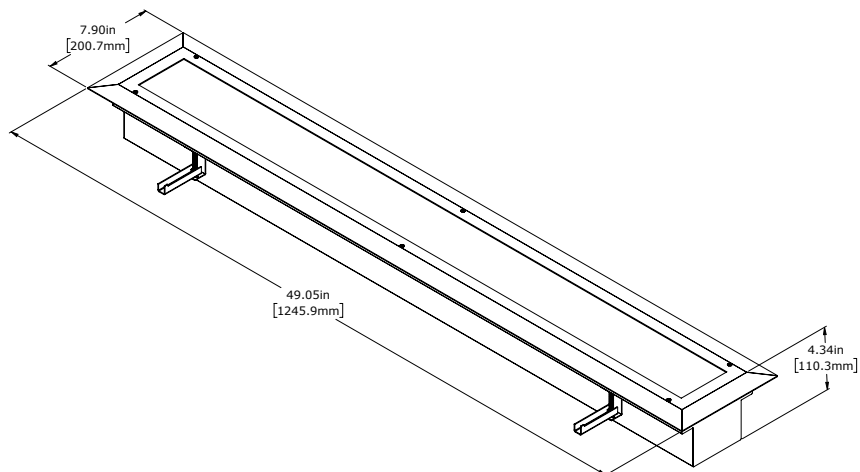Ambient = 3,185 lms, 30 W, 106 lms/W

High Output:
(per fixture)
Ambient = 4,118 lms, 39 W, 106 lms/W

Vandal Resistant Lens:
0.118" - 0.354" Polycarbonate Lens

cETLus LED 5 YEAR limited warranty

Dimensions:

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]