

Description:

Designed to provide optimal Exam Lighting, the Solar Series 2' x 4' Behavioral Eclipse Exam LED Light offers the added security needed for behavioral health areas of the facility. With patient safety in mind, this fixture has been designed with a tamper-proof polycarbonate shield and Torx fasteners to offer optimal protection. The housing is constructed using a high-quality Cold Rolled steel enclosure for added durability and security.

Features:

- Hospital grade material and finish
- Glare-free reflectors
- Exam lights
- Long lasting LEDs
- Seam welded enclosure
- Tamper resistant fasteners
- Anti-ligature construction



Construction Material:

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

Finish: White urethane powder coat finish – 5 step treatment; 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 Volts (Class 2, Class II).

Light Source: Samsung LED mounted to aluminum core linear boards.

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

Specifications:

Voltage: 120 - 277 Volts

Standard Wattage: Exam: 80 W

Standard Lumen Output: Exam: 8,280 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

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 - SEC24 -



For Example: L-SEC24-120-E100-L30-A-G-LVC-C-VNB

Solar Behavioral Eclipse Series 2' x 4', 120 V, Exam only (standard lms), 3000 Kelvin, 80 CRI, Grid Mount, Low Voltage Controller, Vandal Resistant & Night Light; 0.177" Clear Polycarbonate

Ordering Information:

Series	Voltage*	Functions**	Color Temperature***	CRI	Mounting	Switching	VR Options & Lens Type
L-SEC24	120	E100 Exam (standard lms)	L30 3000K	A 80 CRI	F Flange Mount	000 No Switch (provided by others)	VRA Vandal Resistant; 0.118" Clear Polycarbonate
	277	E200 Exam (high lms)	L35 3500K	B 90 CRI	G Grid Mount	LVC Low Voltage Controller	VRB Vandal Resistant; 0.177" Clear Polycarbonate
	*Consult factory for 347 V requirement	EXYZ Custom Lumens	L40 4000K			LVD Low Voltage Controller with Dimming	VRC Vandal Resistant; 0.220" Clear Polycarbonate
		**Consult factory for custom light output options.	CXX Custom Temperature			LMS LightMaster without Dimming	VRD Vandal Resistant; 0.354" Clear Polycarbonate
				***Consult factory for additional options		LMD LightMaster with Dimming	VNA Vandal Resistant & Night Light; 0.118" Clear Polycarbonate
							VNB Vandal Resistant & Night Light; 0.177" Clear Polycarbonate
							VNC Vandal Resistant & Night Light; 0.220" Clear Polycarbonate
							VND Vandal Resistant & Night Light; 0.354" Clear Polycarbonate

Standard Output:

Exam = 8,280 lms, 80 W

High Output:

Exam = 10,296 lms, 99 W

Vandal Resistant Lens:

0.118" - 0.354" Polycarbonate Lens

Lumen Multipliers:

CCT Multiplier	80 CRI	90 CRI
2700K	0.9	0.75
3000K	0.95	0.8
3500K	0.97	0.82
4000K	1	0.85

Dimensions:

