



Overview

Lemar Backlit LED panel is a high-performance lighting fixture engineered for precision and reliability in professional environments. Featuring advanced backlit technology, it ensures uniform luminance across the entire surface, minimizing shadowing and enhancing visual clarity. The flicker-free driver system delivers stable current output, eliminating visual flicker and reducing the risk of eye strain during extended use. Constructed from high-quality materials for thermal efficiency and structural integrity, this panel is designed for easy integration into standard grid ceilings. It offers a long service life and comes with a 5-year manufacturer's warranty, ensuring consistent performance and reduced maintenance over time.

Electrical Specifications

Model No.	PN-48W
Power	48W
Frequency	50/60 Hz
Voltage	170-240 V

Light Specifications

Luminous Flux	4,800lm
Luminous Efficacy (rated)	100lm/W
Correlated Color Temperature (CCT)	3000K/6500K
Luminaire Light Beam Spread (Beam Angle)	110°
Color Rendering Index (CRI)	≥80
Flicker Free	ON

Mechanical Specifications

Housing Color	White
Material	SPCC+PS+AL
Dimensions (D*H)	300*1200*38.5 mm
Ambient Temperature Range	-10°C ~ 40°C
Cut Size	140-150 mm
Ingress Protection Code (IP)	IP20

Performance Warranty

Warranty	5 Years
Lifespan	30,000Hrs

APPLICATIONS

