



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

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

Light Specifications

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|--|-------------------|
| Luminous Flux | 4,800lm |
| Luminous Efficacy (rated) | 100lm/W |
| Correlated Color Temperature (CCT) | 3000K/4000K/6500K |
| Luminaire Light Beam Spread (Beam Angle) | 110° |
| Color Rendering Index (CRI) | ≥80 |
| Flicker Free | ON |

Mechanical Specifications

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|------------------------------|---------------|
| Housing Color | White |
| Material | SPCC+PS+AL |
| Dimensions (D*H) | 595*595*27 mm |
| Ambient Temperature Range | -10°C ~ 40°C |
| Cut Size | 140-150 mm |
| Ingress Protection Code (IP) | IP20 |

Performance Warranty

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|----------|-----------|
| Warranty | 5 Years |
| Lifespan | 50,000Hrs |

APPLICATIONS

