

LASEREDGE PRO LASER BARRIER

PRODUCT INFORMATION

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PHILLIPS SAFETY
PRODUCTS INC.

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LASEREDGE PRO LASER BARRIER
LSB-821



The LaserEdge Pro Laser Barrier is a wide-format safety barrier engineered for high-output industrial laser environments. Measuring an expansive 59" wide by 78.75" high, this barrier provides a massive safety footprint, making it the ideal choice for enclosing large work cells or creating multi-operator safety zones. It is specifically developed to resist high-energy laser irradiation, far from conventional fire-resistant fabric or ordinary PVC fire curtains.

Performance:

Protection: $PEL > 543.348W/cm^2$, Wavelength=1070nm, $r=2.509mm$ T=100s

Tested Wavelength: Tested at Wavelength 1070nm, laser output 400W CW, 10s exposure without penetration

Extreme Endurance: Unlike standard barriers that may be rated for 10 seconds, the LSB-821 is tested for 100 seconds, offering a massive safety margin for automated systems where a beam might stay “stuck” on a surface before an interlock triggers.

Flame Retardant: Passed the NFPA701:2023 flame retardancy test, self-extinguishing upon removal from flame, with no melting drops or fragments.

Primary Applications:

Industrial Laser Welding & Cutting; Laser Cladding & Additive Manufacturing; Research & Development Labs; Maintenance, Repair, and Overhaul (MRO); Medical & Aesthetic Device Manufacturing.

SPECIFICATIONS

SHIPPING WEIGHT: 120 oz

SHIPPING DIMENSIONS: 60 × 12 × 12 in

UPC: [add here or delete this line]

SIZE: 59" W x 78.75" H

SAFETY STANDARDS: EN60825, IEC60825

PROTECTION LEVELS: 400W Continuous Wave (CW) for 10s exposure without penetration at a distance of 60cm

CONTACT

Should you need any further information,
please do not hesitate to contact us.

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