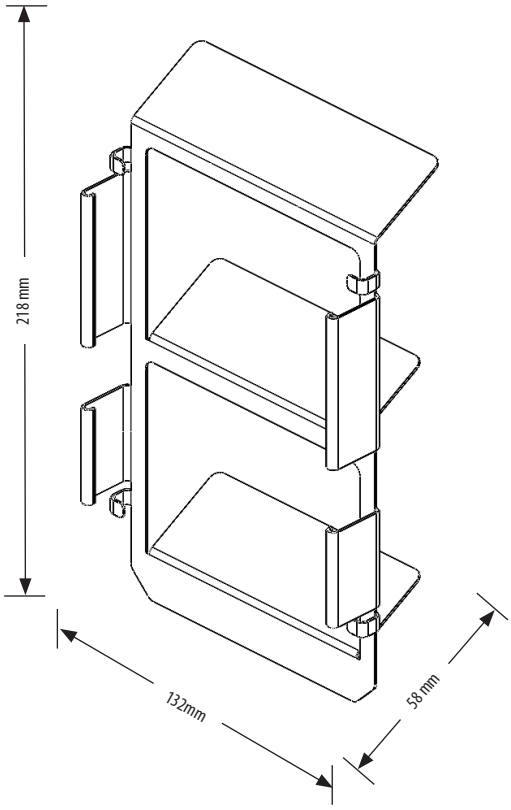
ROADMAX® EDGE SERIES

RX-E3 LIGHT TRESPASS SHIELD SPECIFICATIONS
PART NUMBER: LRL-MTL0163-LF



DESCRIPTION
Light trespass shield for ROADMAX RX-E3
Part Number: LRL-MTL0163-LF

OPTICS & PERFORMANCE
Compatible with all ROADMAX RX-E3 optics
Provides up to 60% reduction in house-side light

KEY FEATURES
Heavy-duty construction
Field installation in ROADMAX RX series luminaires without the use of tools
Shield is reversible for house-side or front-side application

MECHANICAL
Material: Stainless Steel (304)
Weight: 210g
Dimensions: Width (132 mm) x Length (218 mm) x Height (58mm)
Ambient Temperature Range: -40°C to +50°C (-40°F to +122°F)

Illustrated Above: ROADMAX RX-E3 LED LIGHT ENGINE (80 LEDs)

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EVL-SUP0204-E3-01-LF _ROADMAX EDGE LIGHT TRESPASS SHIELD 15-06-2026

ROADMAX® EDGE

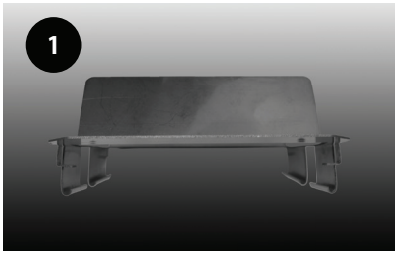
LIGHT TRESPASS SHIELD INSTALLATION INSTRUCTIONS

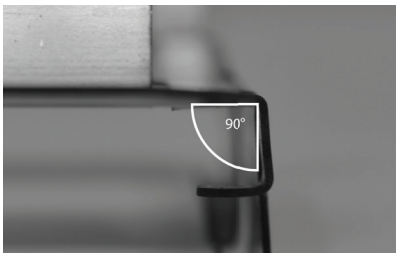
⚠ WARNING – RISK OF SHOCK – DISCONNECT POWER BEFORE SERVICING ⚠

IMPORTANT: READ CAREFULLY BEFORE INSTALLING ROADMAX EDGE LIGHT SHIELD
SAFETY: ALL WORK SHOULD BE PERFORMED BY A QUALIFIED SERVICE PERSON. Proper grounding is required to ensure personal safety.

Light Trespass Shield RoadMax RX-E3
Part Number LRL-MTL0163-LF

Applies to all RX-E3 shield installations (FSS, HSS, and glass optics).

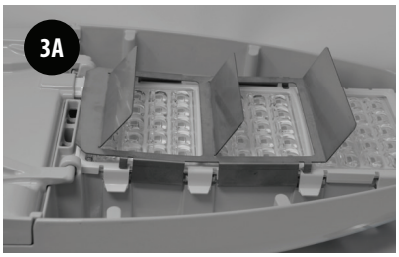




Before installation, inspect the light shield for any damage or deformation. The side clips should be positioned at a 90° angle from the shield frame.

Acrylic Optics:
If the luminiaire has standard acrylic (non-glass) optics leave the tabs in their original position. See 2A.

Glass Optics:
If the luminaire has glass-covered optics, bend the small metal tabs outward past the larger clips. The ROADMAX EDGE RX-E3 shield has four tabs. See 2B.



House Side Shielding (HSS):
To block back light, position the shield so that the fins are angled toward the nose of the luminaire, ensuring that the back edge of the shield is over the plastic bracket around the LED lens. See 3A.

Front Side Shielding (FSS):
To block forward light, position the shield so that the fins are angled toward the pole end of the luminaire, ensuring that the front edge of the shield is over the plastic bracket around the LED lens. See 3B.

Press the shield onto the LED bracket until the side clips latch into place. Press the clips from the sides to ensure a secure fit.

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