

SPECIFICATION DATA

Integrated Lightning Protection

26 4100

Integrated Lightning Protection (ILP) is designed for use with all Leading Edge Safety Permanent Guardrail Systems. ILP installs quickly and easily, and the complete system can be left in place during future roof projects without compromising worker safety or your buildings lightning protection. The aluminum top rail and cast aluminum post cap and rail caps replace unsightly cables cluttering the roof perimeter.

Key Features

- Permanent fall protection & lightning protection in one system
- Integrated systems reduce cost
- Designed for use with all Leading Edge Safety permanent guardrail systems
- Allows access to the entire roof surface and wall flashings
- Minimizes unsightly cable on the roof
- Ensures building protection even during roof construction
- Eliminates future removal and replacement of lightning protection and minimizes typical maintenance repairs associated with traditional lightning protection systems.

Application

Integrated Lightning Protection provides building lightning protection to both new and existing LES/PRS guardrail systems.

Installation

Integrated Lightning Protection is installed with guardrails around the building perimeter for facilities that need both lightning protection and fall protection. Aluminum Post Caps are added to the guardrail uprights, an aluminum pipe top rail is installed with Rail Connectors, and the system is grounded every 100' or less as required for the lightning protection system. Ground cables are provided by installing contractor.

Materials

Post Cap, Rail Connector and Corner Connector: Cast 356.1 Aluminum
Horizontal Rail: 1.66" x .191" Schedule 80 Aluminum (ASTM B429 6061-T6)

Sizes

Caps: 5.75" x 1.75" ID
End Connectors: 4.75" x 1.70" ID
Corner Connectors: 4.75" x 1.10" ID
Horizontal Rails: 8'-0" o.c. and field cut to fit

Weight

Caps: .75 lb
End Connectors: .825 lb
Corner Connectors: .4626 lb
Horizontal Rails: 1.037 lbs / lineal foot +/-

Standards

UL Listed (UL96, UL96A & Eligible for UL Master Label)

Warranty

1 year manufacturer's limited warranty covering manufacturing defects.

Horizontal Rails: 1.037 lbs / lineal foot +/-