

Summary of the *LightFoot's* Key Technical Features

Feature	Explanation
K4 Rated	Designed to stop a 15,000-pound truck traveling at 30 mph (6,800-kg at 48 kmph). Note: This barrier is not State Department certified; contact us if you require a certified barrier.
Very Shallow Excavation	Standard excavation depth is 10 inches (25 cm).
Conventional or Reverse Mounting	Barrier can be mounted with either side facing outward toward the public or non-secure side (that is, toward the direction of an attacking vehicle). This means as the barrier is raised and lowered it can pivot either toward (conventional) or away (reverse) from the non-secure area.
Advanced Non-Metallic, Energy Absorbing Materials	Conventional heavy steel structures to stop vehicle are replaced with lightweight, ultra-strong bands inside a protective steel shell.
Underground Band Anchoring Mechanism	A patent-pending anchoring mechanism vectors the impact loads into the foundation.
Foundation Survives Impact	The foundation is engineered to survive a K4 impact intact, so the barrier can be replaced without excavating the roadway.
Upgradeable	Barrier finish and internal band configuration can be upgraded at any time, without excavating the roadway.
Flush with the Roadway	When the barrier is lowered to allow authorized vehicles to pass, it is flush with the road surface. There is no “speed bump” effect.
Multi-Lane Designs	The lightweight design allows single barriers spanning multiple traffic lanes.
Aesthetic Finishes	Over 250 colors available. Digital finish option allows barrier to mimic any architectural material. Add graphics or logos.
Corrosion Protection	All foundation and barrier components are galvanized.
Standard Components	Barrier uses off-the-shelf hydraulic and control components.
Low Maintenance	Requires only routine cleaning and periodic lubrication. In addition to two hydraulic cylinders, the barrier has only one moving part.