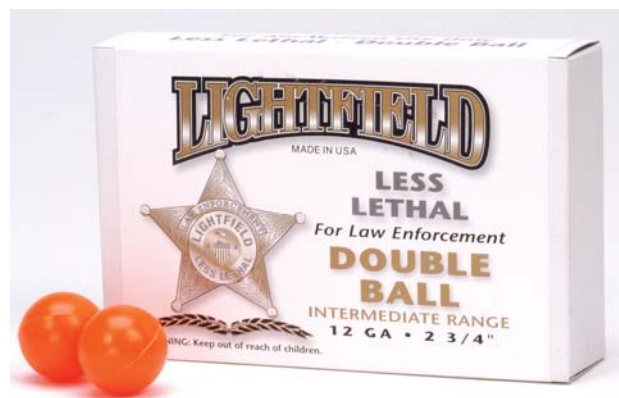


Lightfield Less Lethal Research Inc.

Product Specification Guide

Double Ball LMDB-12

Caliber: 12 gauge
Case length: 2.75 in / 70mm
Ammunition class: Less Lethal
Projectile type: Multiple solid batons (2)
Projectile color: Orange
Projectile weight: 120 grains (total)
Projectile diameter: .73 inches
Muzzle velocity: 475 fps
Kinetic energy @ muzzle: 60 ft/lbs / 2
Min. engagement distance: 12 yards



Intended Use:

The Double Ball is a Mid-range Less Lethal impact munition using two (2) .73 cal. balls. It is intended for low-angle direct or indirect fire at targets between 12 and 30 yards. The user should only target large muscle groups and soft tissue from the abdomen and below. Always avoid targeting the head, neck, thorax, spine, kidney area and groin as serious injury or death may occur.

Training requirements:

- All users must be trained and competent in basic firearms safety.
- All users must be fully familiar with any current Federal and State case law, as well as any local or organizational guidelines or restrictions regarding both the Use of Force and use of Less Lethal ammunition.
- All users must be able to differentiate between Less Lethal and conventional ammunition as well as articulate the properties and safe engagement distances any Less Lethal munition they might required to deploy.
- All users must articulate why center mass is not the desired point of impact and why large muscle groups and soft tissue should be targeted.
- All users must be made familiar with the point of aim / point of impact of any Less Lethal munition they might deploy at varied distances by live fire range exercises as often as the agency might require.
- All users need to have an post-shooting plan covering possible medical treatment, restraint and removal of targeted persons.
- Lightfield LLR strongly recommends the use of designated shotguns (by color) for Less Lethal deployment. The principles of *Contact and Cover* should be integral to Less Lethal engagements. The use of available stand-off distance, obstacles,