Homebuilt Stungun Lasershot System

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10 minutes ago

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- It is a protective system of victims against aggressors at the entrance of a building;
- It is a permanent system, installed in a suspended structure, in the case of this model, to be implemented in an internal garage to a building, so as to face the gate;
- It is composed of lights capable of generating 250 or more lumens of focus light, sufficient for the temporary immobilization of an aggressor by the difficulty of optical perception of the surrounding environment;
- It consists of tactical notions of safety for the victim;
- Its concern is to obtain the lowest possible energy expenditure for the best duration of each light shooting, and for the shortest interval between shots if the victim needs to shot at other times;
- It is concerned with obtaining the lowest possible total cost, without prejudice to the efficiency of the system;
- This system is subject to change due to the opinions of the partner assembler technician;

It consists of 4 sets of components, namely:

**Lights System:**

- As described in the [lights-english-001](#) flowchart;
- Includes possibilities to produce focus light with options: dichroic and halogen, with and without reactors; photographic flashes with optical adaptations to produce focus light; or nautical spotlights and caving lanterns, which are already ready-made devices to be coupled or imitated, and are already developed to focus light on the lumens required for immobilization;

**Energy System:**

- As described in the [energy-english-001](#) flowchart;
- It initially includes a system with 2 static batteries, and 1 option of continuous electricity, through of switching systems, initially manual, which can also be automatic;
- It conceives the possibility of using a Sustainable Energy System, idealized here as a charger for both static batteries, which could be the photovoltaic, or another system to be analyzed;
- The possibility of batteries being recharged by the continuous energy of the building is not ruled out;

**Shooting System:**

- As described in [general-english-001](#);
- Includes 2 options: shot through the remote control known as "panic control" at Brazil, used in corporate and residential audible alarm systems; and the through the manual switching;

**Tactical Assembly:**

- As described in [tactical-english-001](#);
- Includes victim safety concerns as well as fire risk, with options such as fire extinguishers, sprinkler systems and safe route signs, as well as victim protection against system focus lights through a lampshade system, ideally under the support of the light devices, and a
physical barrier system, either by folding door or by blackout curtain, which can be lowered or pulled so as not to obstruct the garage;

- Sprinklers should be above potential fire hotspots, but observing the risk of conducting electricity through water, they have been considered in the system, but perhaps extinguishers are better because the potential of the fire is of electrical origin and there are adequate extinguishers to this kind of incident.

Translated by the original post in my blog, in brazilian portuguese: