**Illumination Characteristics:**
- **Lamp Type:** 1600 Watt Short Arc Xenon
- **Peak Beam Intensity:** 50 Million (Nominal)
  (in Candlepower, white light) 40 Million (Minimum)
- **Beam Width:** 4°-20° (bi-directional focus)

**Application Information:**
- **Typical Range:** 3280 ft (1 km)
- **Useful Range For Target ID:** 1 Mile (white light & IR mode)
- **Peak Illuminance:** 32 Lux (2.9 ft-cd)
- **Diameter at 10% of Peak Illuminance:**
  230 ft (70 m) wide @ 3280 ft (1 km)
- Adaptable to helicopters, fixed-wing aircraft, maritime, and ground based applications.
- Interchange from White Light to Infrared in-flight dependent on mission and operational requirements.

**Electrical System:**
- **Input Voltage:** 28 Volts DC Nominal
- **Input Current:** 57-65 Amperes
- **Start Time:** 3-5 Seconds
- **Recycle Time:** None Required
- Searchlight power requirements are compatible with standard aircraft type DC generators. Control box has additional switch to activate IFCO function, which provides a status display when hood is fully engaged.
- New brushless Cooling Blower, Hobbs hour-meter and bi-directional focus have been added to enhance product line.

**Mechanical Configuration: Searchlight**
- **Dimensions:** 20.6" (523 mm) - closed position
  19.5" (495 mm) - open/up position
- **Weight:** 38 lbs (17.3 kg)
- **Cooling Provisions:** Internal brushless cooling fan with filtered air intake
- **Lamp:** Max. life expectancy 1000 hours, typically 2 years

**Mechanical Configuration: Junction Box**
- **Dimensions:** 8.5" L x 6.25" W x 5.1" H
  (21.6 x 15.9 x 12.95 cm)

**Mechanical Configuration: Control Box**
- **Dimensions:** 5" L x 2.25" W x 1.75" H
  (12.7 x 5.7 x 4.4 cm)
- **Weight:** 13 Ounces (363 gm)

**Total System Weight:**
- Typical with installation, hardware, cable assemblies: 58-78 lbs (26-36 kg)

The information contained on this sheet is for reference only. Specifications subject to change without notice. (REV 02/10)