



DIODE-PU

Max Range See Figure 1
 Min Range 50 m
 Transmitter Boresight Accuracy (relative to nominal emission axis) See Figure 1
 Boresight Retention Over Operating Temperature (relative to initial factory agystem)

Laser Shot Life 2 Hz
 > 1,000,000 Shots
 Beam Divergence Note: 1
 Energy Output Note: 1
 Pulse Width Note: 1

Receiver

Range Resolution 1 m
 Range Accuracy 50 to 300 m Target 7 m 1 , 301 to 10,000 m Target Range: 4 m 1
 Range Logic First / Second / Last
 Multi-Target Discrimination 25
 Detector Type Note: 1
 Receiver Sensitivity Note: 1

Mechanical

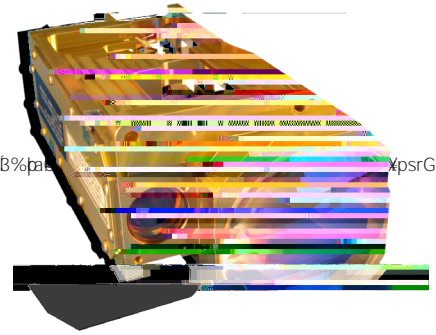
Weight 1.25 kg (2.75 lb)
 Dimensions 195.8 mm (7.71 in) x 119.9 mm (4.72 in) x 88.4 mm (3.48 in)
 Environmental Enclosure Open frame

Electrical

Communications Protocol RS-232 Std (RS-422 and RS-485 available)
 Input Voltage 12 VDC to 32 VDC
 Power Consumption 20 W

Environmental

Operating Temperature -40 °C (-40 °F) to +71 °C (+159.8 °F)
 Environmental Standards MIL-STD-810F and MIL-STD-461F



A global leader in defense technologies and services, L3Harris is an ISO 9001 certified full-service designer and manufacturer of military grade Eye-Safe Laser Range Finder, Laser Designator, and Multi-Function Laser Systems.

PRODUCT OVERVIEW

The DP-ELRF III provides up to 30 km ranging capability, 5 mJ nominal energy, diode-pumped Erbium:Glass, pulse repetition frequency 2 Hz, 450 μ rad beam divergenc, and Avalanche Photo Diode Detector (APD). This laser range finder is ANSI-Z136.1-2007 and IEC 60825-1 Class 1 Eye-Safe and features a single connector interface for power and communication.

Diode-Pumped Eye-Safe Laser Range Finder

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