

FLD-E80-B0.3

Parameter	Performance
Wavelength	1064nm±5nm
Energy	≥80mJ
Energy Stability	≤±10%
Beam Divergence	≤0.3mrad
Beam Jitter	≤0.03mrad
Pulse Width	15ns±5ns
Rangefinder performance*	200m-10000m
Ranging Frequency	Single、1Hz、 5Hz
Rang Accuracy	≤±5m
Designation Frequency	Central Frequency 20Hz
Designation Distance*	≥8000m
Laser Coding Types	Precise Frequency Code, Variable Interval Code, PCM Code, etc.
Coding Accuracy	≤±2μs
Communication Method	RS422
Power Supply	18-32V
Standby Power Draw	≤5W
Average Power Draw(20Hz)	≤90W
Peak Current	≤4A
Preparation Time	≤1min
Operating Temp Range	-40℃-60℃
Dimensions	≤110mm×73mm×60mm
Weight	≤800g

*For a medium-sized tank (equivalent size 2.3m × 2.3m) target with a reflectivity greater than 20% and a visibility not less than 10km

