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## Engineering Data Sheet : 500221

### Unit Information

Division 1 Responder w/ Ni-Cad Battery Pack and Quick Charger II  
Model #: 500221 – Div I (Orange)

### Unit Dimensions

Length: 11 in.  
Width: 4 in.  
Height: 12 in.

### Master Pack Dimensions

Weight: 12 lbs.  
Cube Dimensions: 14.5 in x 11.5 in x 13 in  
Quantity: 3

### Specifications

Ni-Cad Battery: 4.8 V, 1.6 Ah  
Power Sources options: 120V or 220V AC  
12-24V DC  
Weight: (w/ Alkaline Batteries): 1 lb.  
Weight: (w/ Ni-Cad Battery Pack): 1lb  
Bulb/Lamp Life: 50 hours  
Light Output: 45,000 beam candlepower

### Components

- Super Tough Nylon Housing
- Microprocessor Controlled Circuit Board w/ LED Status Indication
- Co-Axial AC Power Pack
- Automotive DC Power Cord

### Product Features

- DC Input: 12/24V DC Vehicular Adapter (Fire Trucks)
- AC Input: 120V AC Adapter (US/North America)  
220-240V AC Adapter (Euro or UK)
- Flashlight Receives Priority Charge
- Wall & Vehicle Mountable
- Microprocessor Controlled
- Super Tough Nylon
- LED Status Indication
  - RED: Charging
  - GREEN: Fully Charged
  - AMBER: Standby
  - FLASHING RED: Time
- 2-hour Charging Time
- Safe to Touch Charging Contacts



**Model # 500221**

### Safety Approvals

UL: Class I Division 1, Group D  
Operating Temp T3  
ATEX II 2 G EEX ib e IIB T3