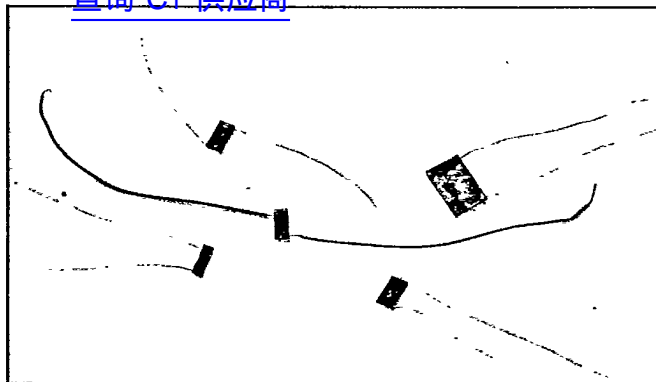


NEW ENGLAND PHOTOCONDUCTOR

N.E.P.[查询"C1"供应商](#)

Lead Sulfide
Plate Cell
Series A-B-C

FEATURES

- Room Temperature Operation
- Customized Wavelength Response
- Customized Test Procedure
- Guaranteed Delivery
- 2 Year Guarantee
- Customized Filters Available

HOW TO ORDER:

Select the proper electrical type (A,B,C) and match it with the proper mechanical code number. Example: A1, B6, C5. The active areas listed above are considered standard sizes. Special sizes are available upon request. Series C can be gridded for low resistance.

Electrical Specifications

| Test Conditions at 25° C | A | B | C |
|----------------------------------|--------|---------|------------|
| $D^* (Pk.,600,1) \times 10^{11}$ | .5-1.0 | .5-1.2 | .5-1.2 |
| Wavelength Cut-off Microns | 3.0 | 3.4 | 2.7 |
| Peak Wavelength Response | 2.5 | 2.5 | 2.2 |
| Time Constant μ Seconds | <100 | 100-300 | ≥ 300 |
| Resistance Megohms | .2-2.0 | .2-2.0 | .5-10 |

Mechanical Specifications

| Code Number | Active Area | | Bias Voltage | | Typical VW^{-1} Responsivity |
|-------------|-------------|-----|--------------|---------|--------------------------------|
| | Inches | mm | Typical | Maximum | |
| 1 | .010 | .25 | 10 | 20 | 1.0×10^6 |
| 2 | .020 | .5 | 20 | 50 | 6.0×10^5 |
| 3 | .040 | 1 | 50 | 100 | 3.0×10^5 |
| 4 | .080 | 2 | 100 | 200 | 1.5×10^5 |
| 5 | .120 | 3 | 150 | 300 | 1.0×10^5 |
| 6 | .200 | 5 | 250 | 500 | 6.0×10^4 |
| 7 | .400 | 10 | 500 | 1000 | 3.0×10^4 |

See Page 15 for additional technical information.