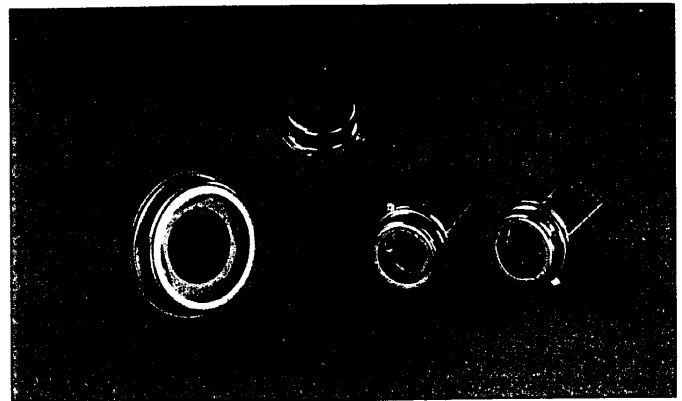


# Silicon Photodetectors

# Series E

## EYE RESPONSE DETECTORS

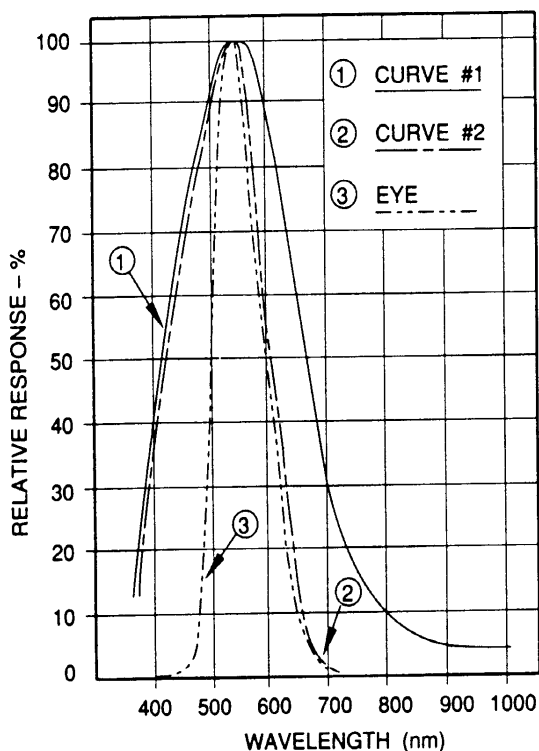
Centronic Series E photodetectors use the successful Series 5T chip together with high quality glass colour correcting filters. The resulting spectral response approximates to that of the human eye making this device ideal for use in general photometric applications.



## ABSOLUTE MAXIMUM RATINGS

	Max. Rating
DC Reverse Voltage	15V
Peak Pulse Current (1 $\mu$ s, 1% duty cycle)	200mA
Peak DC Current	10mA
Storage Temperature Range	-25°C to +85°C
Operating Temperature Range	-25°C to +75°C
Soldering Temperature for 5 seconds max.	200°C

Series E - Typical Spectral Response  
(for equal energy source)



Series E - Typical Capacitance versus  
Bias Voltage for a given Detector area

