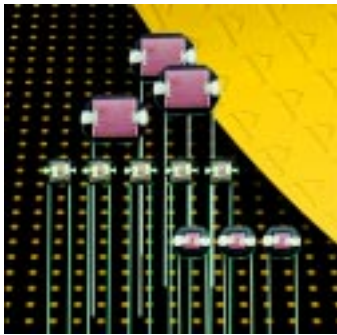


**Ambient Light Sensing Applications**

# Photocells A 9950, A 7060, B9060

## Epoxy encapsulated series



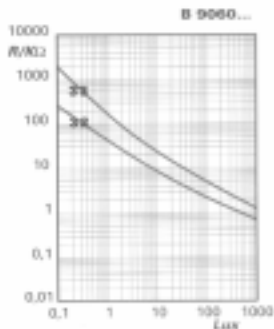
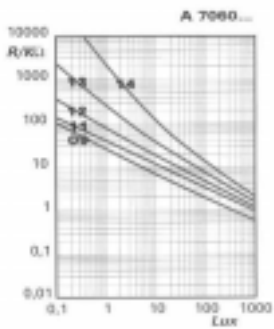
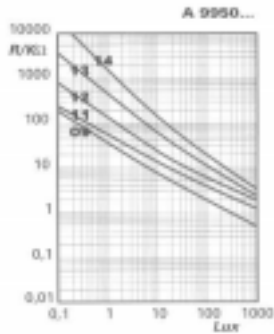
Light Switch Applications

Indoor and Outdoor

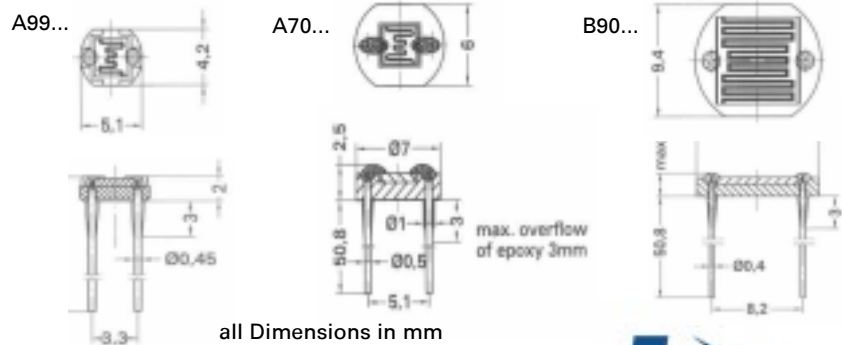
This range of Photocells includes 3 different size designs with different spectral sensitivity. The smallest in physical size is our A9950... range with spectral sensitivity at max 530nm. Customized selections are available upon request.

Operating Temperature Range: -20...+70 °C (non continuous)

Storage Temperature Range: -20...+80 °C (non continuous)



| Type      | R <sub>10</sub> | R <sub>100</sub> | R <sub>01</sub> | R <sub>05</sub> | V <sub>max</sub> | P <sub>max</sub> | γ <sub>10/100</sub> | λ <sub>peak</sub> |
|-----------|-----------------|------------------|-----------------|-----------------|------------------|------------------|---------------------|-------------------|
| units     | KΩ              | KΩ typ.          | MΩ min          | MΩ min          | V                | mW               | typ.                | nm                |
| A 9950 09 | 4...11          | 2                | 0,04            | 0,12            | 100              | 90               | 0,65                | 530               |
| A 9950 11 | 9...22          | 4                | 0,05            | 0,15            | 150              | 90               | 0,6                 | 530               |
| A 9950 12 | 18...44         | 7                | 0,15            | 0,45            | 150              | 90               | 0,65                | 530               |
| A 9950 13 | 36...88         | 12               | 0,4             | 1,2             | 150              | 90               | 0,7                 | 530               |
| A 9950 14 | 70...200        | 20               | 1,0             | 3,0             | 150              | 90               | 0,75                | 530               |
| A 7060 09 | 4...11          | 2                | 0,04            | 0,12            | 100              | 90               | 0,65                | 600               |
| A 7060 11 | 9...20          | 3,5              | 0,06            | 0,18            | 150              | 90               | 0,65                | 600               |
| A 7060 12 | 16...33         | 5                | 0,18            | 0,5             | 150              | 90               | 0,7                 | 600               |
| A 7060 13 | 27...94         | 8                | 0,5             | 105             | 150              | 90               | 0,8                 | 600               |
| A 7060 14 | 77...340        | 15               | 1,5             | 5,0             | 150              | 90               | 0,9                 | 600               |
| B 9060 32 | 5...13          | 2                | 0,1             | 0,3             | 300              | 200              | 0,7                 | 600               |
| B 9060 33 | 11...40         | 5                | 0,2             | 0,6             | 300              | 200              | 0,8                 | 600               |



Europe:  
**PerkinElmer** Optoelectronics  
 GmbH & CoKG  
 Wenzel Jaksch Str 31  
 65199 Wiesbaden / Germany  
 Phone +49(0)611 492 0  
 Fax +49(0)611 492 170

USA:  
**PerkinElmer** Optoelectronics  
 44370 Christy Street  
 Fremont, CA 94538-3180  
 Phone +510 979 6500  
 +800 775 6786  
 Fax +510 687 1140

Asia:  
**PerkinElmer** Optoelectronics  
 47, Ayer Rajah Crescent #06-12  
 Singapore 139947  
 Phone +65 775 2022  
 Fax +65 775 1008



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