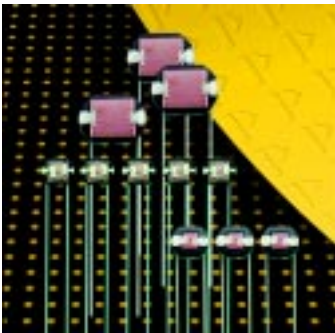


**Ambient Light Sensing Applications**

# Photocells A 9950, A 7060, B9060

## Epoxy encapsulated series



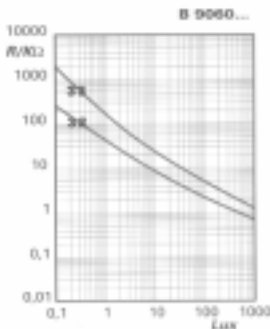
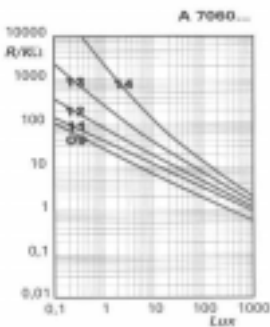
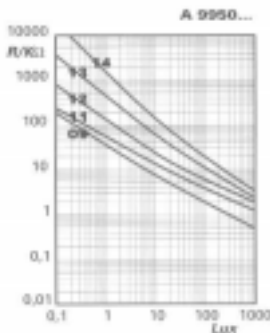
Light Switch Applications

Indoor and Outdoor

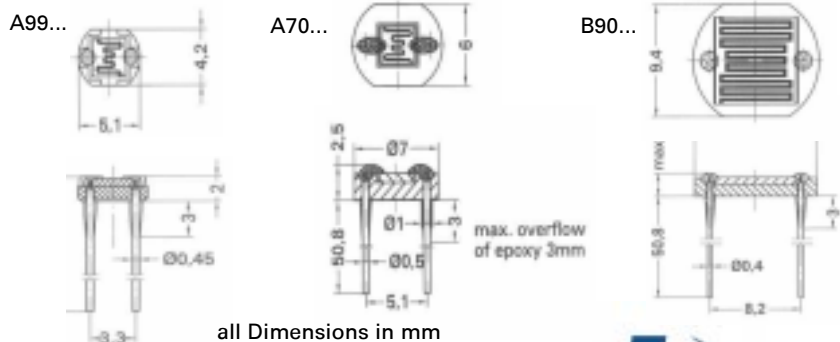
This range of Photocells includes 3 different size designs with different spectral sensitivity. The smallest in physical size is our A9950... range with spectral sensitivity at max 530nm. Customized selections are available upon request.

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



all Dimensions in mm

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



Right for modification reserved / WS / 28.8.2003