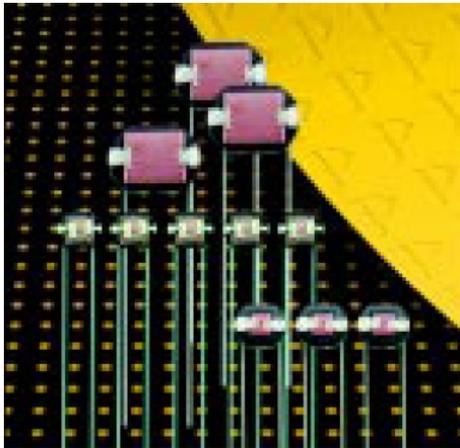


# Photocells A 9950, A 7060, B 9060 Epoxy Encapsulated Series

Light Switch Applications  
Indoor and Outdoor



## Introduction

This range of photocells includes three different size designs with different spectral sensitivity. The smallest in physical size is our A 9950 range with spectral sensitivity at max. 530 nm. Customized selections are available upon request.

## Features and Benefits

- Easy-to-use
- Small dimensions
- Epoxy encapsulated package
- Adapted to human eye sensitivity

## Applications

- Brightness controls
- Contrast controls
- Street lighting
- Automatic light switches
- Dimmers

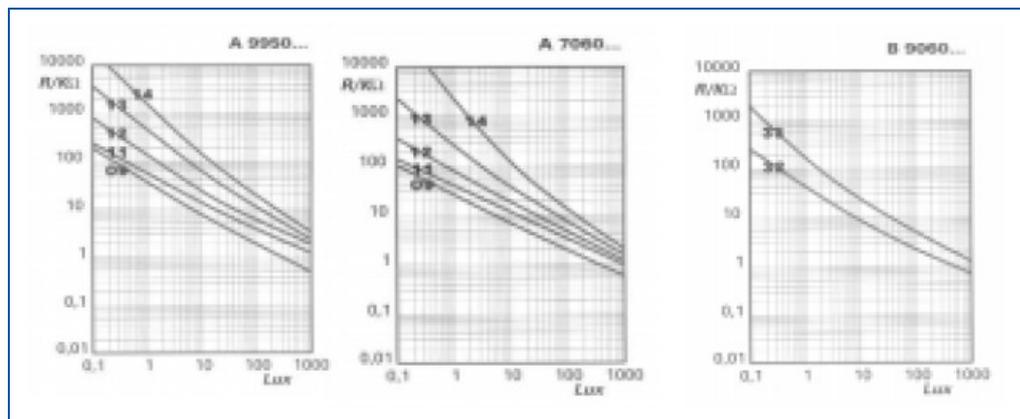
## Typical Electro-Optical Characteristics

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>mqx</sub>	γ <sub>10/100</sub>	λ <sub>peak</sub>
Units	KΩ	KΩ typ.	MΩ min	MΩ max	V	mW	typ.	nm
A 9950 09	4...11	2	0.04	0.12	100	90	0.65	530
A 9950 11	9...22	3	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	20...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	1.05	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

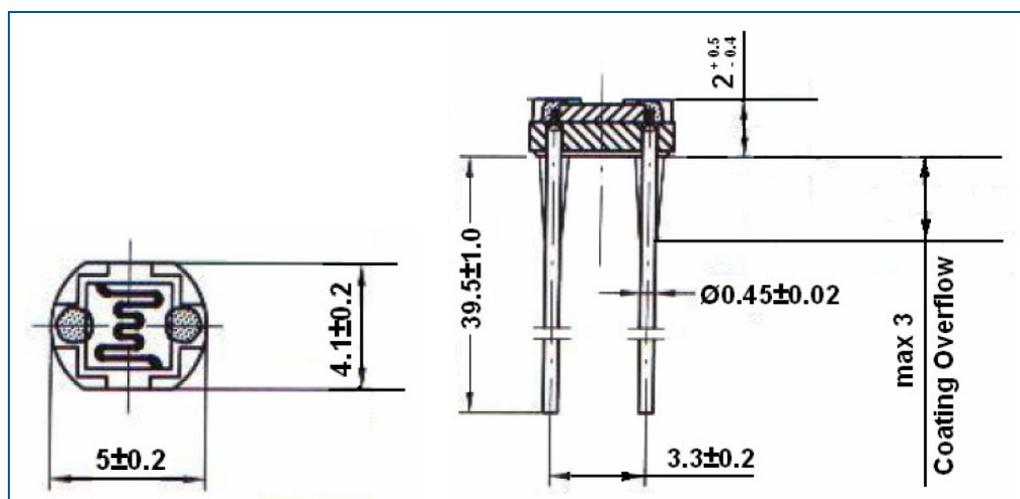
## Light Resistance Characteristics



**Figure 1**

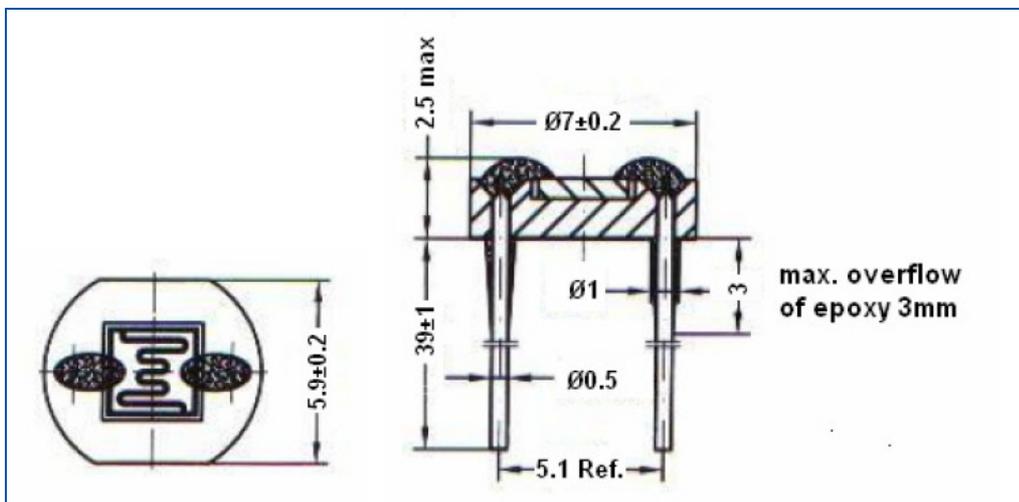
A9950..  
A7060..  
B9060..  
Typical Light Resistance  
Characteristics

## Mechanical Dimensions

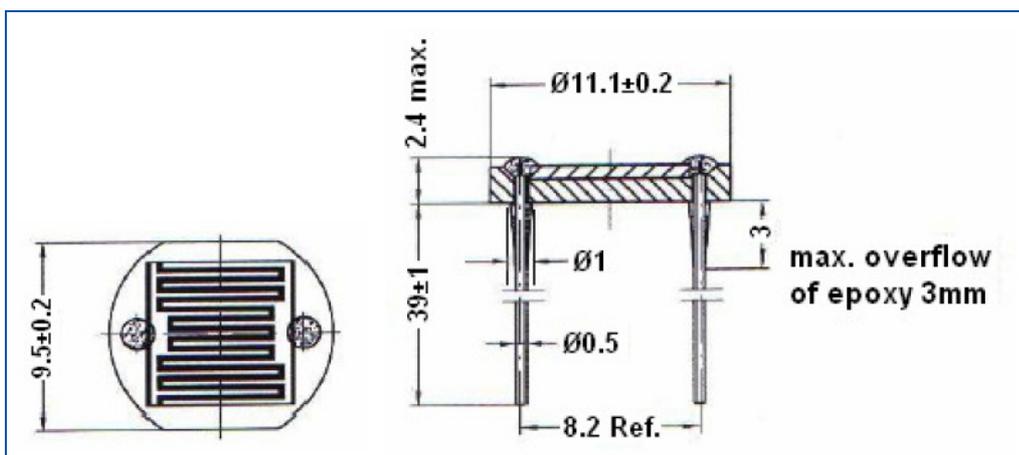


**Figure 2**

A99...  
All dimensions in mm



**Figure 3**  
A70...  
All dimensions in mm



**Figure 4**  
B90...  
All dimensions in mm

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