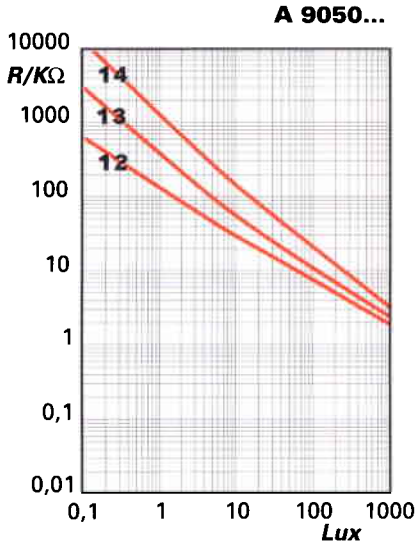
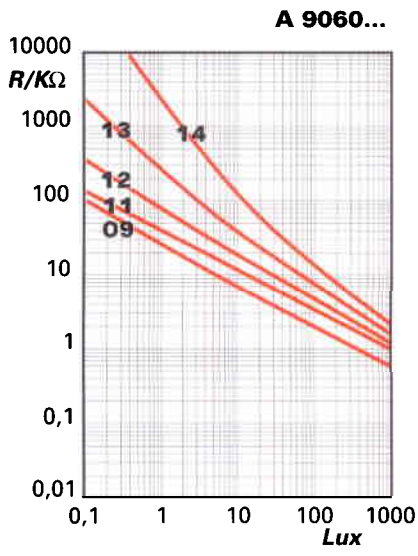
A 9060...
A 9050...

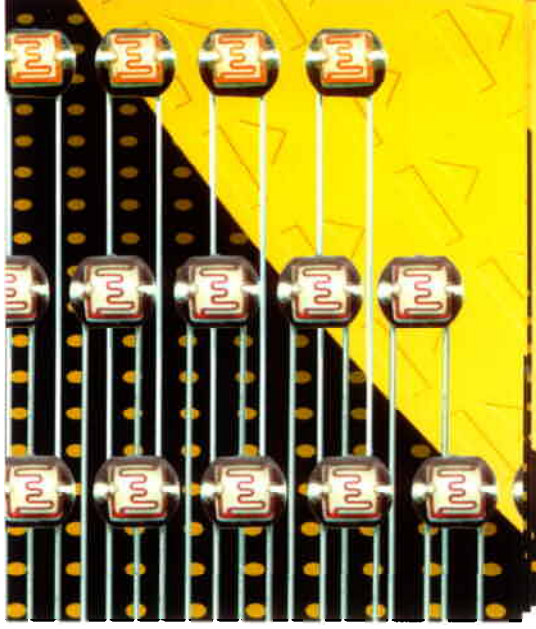


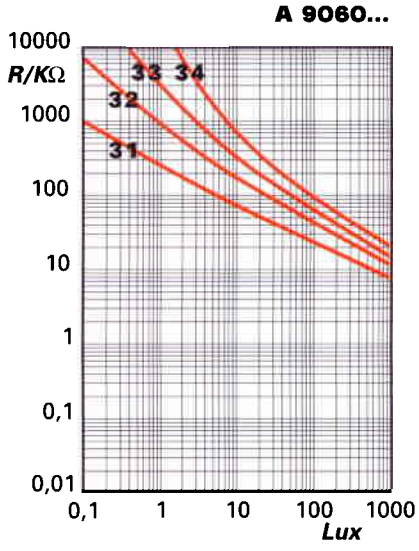


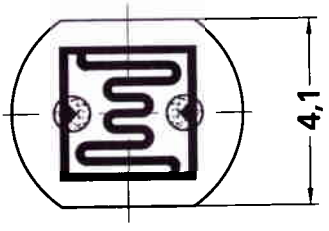
R 10	Resistance at E = 10 lux light intensity
R 100	Resistance at E = 100 lux light intensity
R01	Dark Resistance after 1 sec (E = 0)
R05	Dark Resistance after 5 sec (E = 0)
$\gamma_{10/100}$	Sensitivity log (R10/R100) / log (100lux/10 lux)
λ_{peak}	Peak Spectral Sensitivity
Top	Operating Temperature
Tst	Storage Temperature
TC	Thermal Coefficient
ton	Rise Time to 63% of final I (R_{10})
toff	Decay Time to 37% of initial I (R_{10})
Vmax	Maximum Operating Voltage at E = 0 lux
Pmax	Power Dissipation at 25°C Ambient Temp.

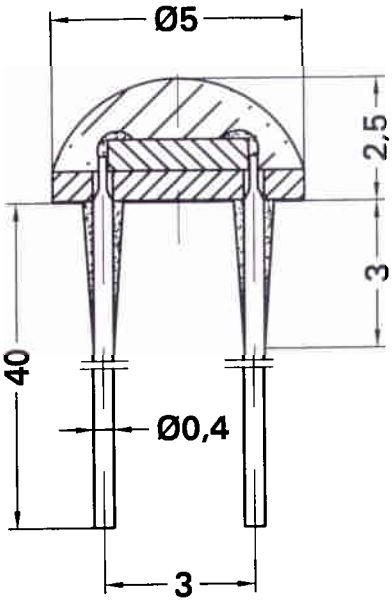
Typical Electro-Optical Characteristics

Type	R 10 [kΩ]	R 100 typ. [kΩ]	R01 min. [MΩ]	R05 min. [MΩ]	$\gamma_{10/100}$ typ.	λ_{peak} [nm]
all readings taken at standard light A (2854 K color temperature) after 2 hours of preillumination at 500 lux						
A 9060 09	4 ... 11	2	0.04	0.12	0.65	600
A 9060 11	9 ... 20	3.5	0.06	0.18	0.65	600
A 9060 12	16 ... 33	5	0.18	0.5	0.7	600
A 9060 13	27... 94	8	0.5	1.5	0.8	600
A 9060 14	77... 340	15	1.5	5.0	0.9	600
A 9060 31	60 ...130	23	0.4	1.2	0.65	600
A 9060 32	120 ... 210	35	1.0	3.0	0.7	600
A 9060 33	200 ... 580	50	3.0	9.0	0.8	600
A 9060 34	500 ...1200	100	5.0	15.0	0.9	600
A 9050 12	18 ... 44	7	0.15	0.45	0.65	530
A 9050 13	36 ... 88	12	0.4	1.2	0.7	530
A 9050 14	70 ... 200	20	1.0	3.0	0.75	530
A 9072 ... series	low light resistance /fast response characteristics/on request					
**customized selections available on request*						









max. overflow of epoxy 3mm

A 90...

Limit Values						
Top *range* [°C]	**Tst** *range* [°C]	**TC** *10 lux* [%/°K]	**ton** *typ.* [msec]	**toff** *typ.* [msec]	**Vmax** [V]	**Pmax** [mW]
-20 ... +70	-20 ... +80	0.4	50	40	100	90
-20 ... +70	-20 ... +80	0.3	60	40	150	90
-20 ... +70	-20 ... +80	0.35	50	35	150	90
-20 ... +70	-20 ... +80	0.4	35	30	150	90
-20 ... +70	-20 ... +80	0.5	25	20	150	90
-20 ... +70	-20 ... +80	0.3	60	40	300	90
-20 ... +70	-20 ... +80	0.35	50	35	300	90
-20 ... +70	-20 ... +80	0.4	35	30	300	90
-20 ... +70	-20 ... +80	0.5	25	20	300	90
-20 ... +70	-20 ... +80	0.2	60	40	150	90
-20 ... +70	-20 ... +80	0.3	50	30	150	90
-20 ... +70	-20 ... +80	0.3	40	30	150	90