

●Reference Data

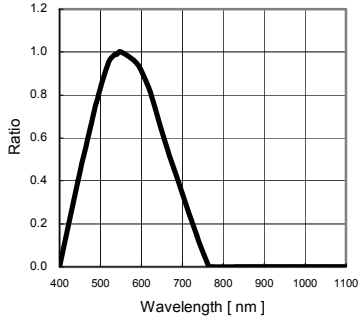


Fig.1 Spectral Response

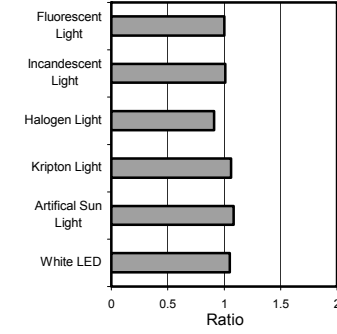


Fig.2 Light Source Dependency (Fluorescent Light is set to '1')

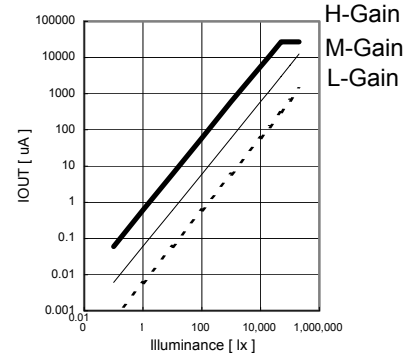


Fig.3 Illuminance – IOUT Characteristics

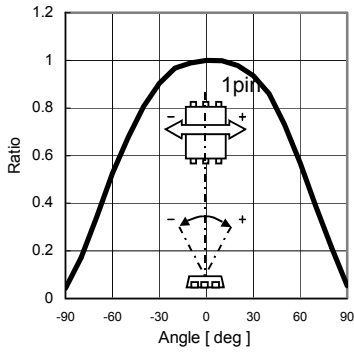


Fig.4 Directional Characteristics 1

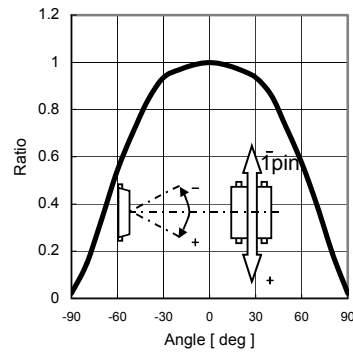


Fig.5 Directional Characteristics 2

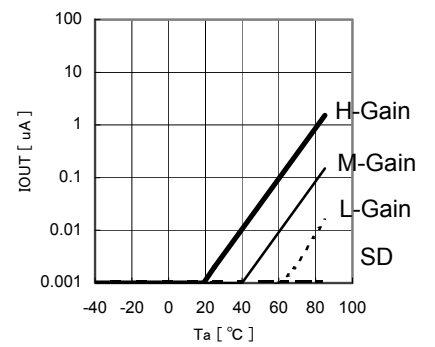


Fig.6 Ta – IOUT (0 lx)

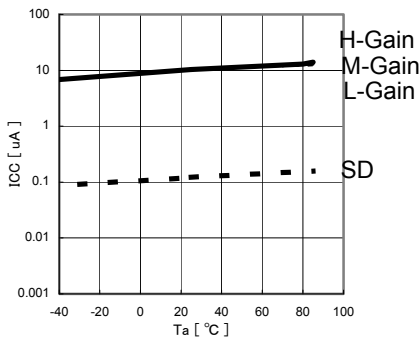


Fig.7 Ta – ICC (0 lx)

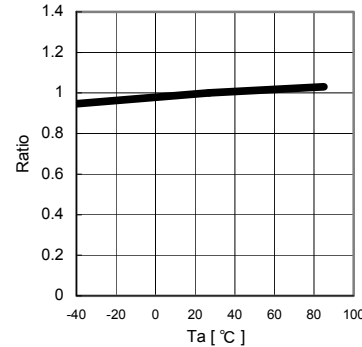


Fig.8 IOUT Temperature dependency (100 lx)

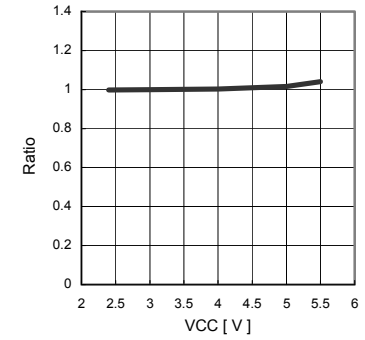


Fig.9 IOUT VCC dependency

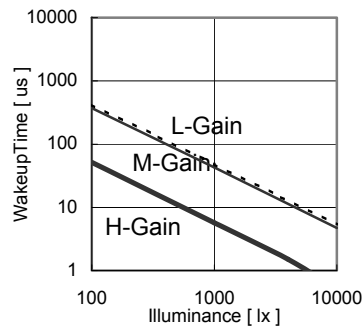
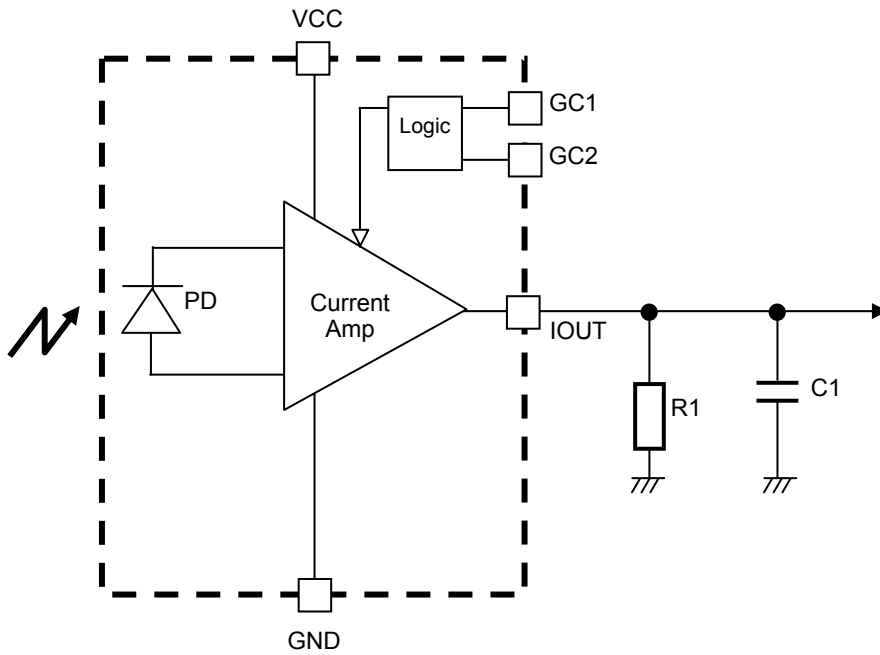


Fig.10 Illuminance – Wake up Time

●Block Diagram



●Block Diagram Descriptions

- PD
Photo diode close to human eyes sensitivity.
- Current AMP
To amplify Photo diode current (H-Gain / M-Gain / L-Gain)
Gain controllable in 3 steps by input voltage from GC1 and GC2.
- Logic
Logic block for mode setting by input voltage from GC1 and GC2

●Mode Setting

GC2	GC1	Mode
0	0	Shutdown
0	1	H-Gain Mode
1	0	M-Gain Mode
1	1	L-Gain Mode