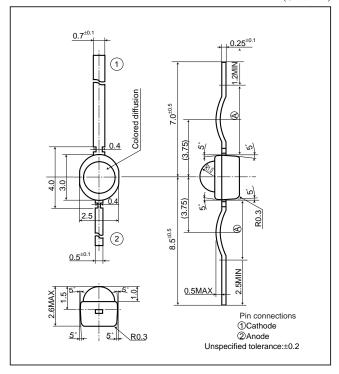
GL1□□135 series

ø2mm, Forming Type, Colored Diffusion, Compact LED Lamp for Backlight/Indicator

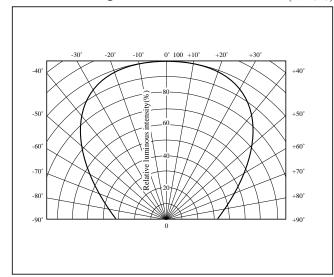
■ Outline Dimensions

(Unit:mm)



■ Radiation Diagram

(Ta=25°C)



■ Absolute Maximum Ratings

(Ta=25°C)

											(14-25 C)
Model No.	Radiation color	Radiation material	Power dissipation	Forward current	Peak forward current IFM*1	Derating factor (mA/°C)		Reverse voltage V _R	Operating temperature Topr	Storage temperature Tstg	Soldering temperature Tsol^{*2}
			(mW)	(mA)	(mA)	DC	Pulse	(V)	(°C)	(°C)	(°C)
GL1PR135	Red	GaP	23	10	50	0.13	0.67	5	-25 to +85	-25 to +100	260
GL1HD135	Red	GaAsP on GaP	85	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
GL1HS135	Sunset orange	GaAsP on GaP	85	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
GL1HY135	Yellow	GaAsP on GaP	50	20	50	0.27	0.67	5	-25 to +85	-25 to +100	260
GL1EG135	Yellow-green	GaP	50	20	50	0.27	0.67	5	-25 to +85	-25 to +100	260

^{*1} Duty ratio=1/10, Pulse width=0.1ms

■ Electro-optical Characteristics

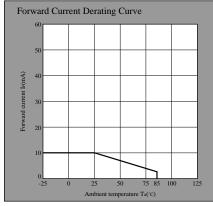
(Ta=25°C)

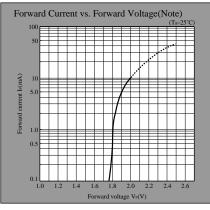
Lens type	Model No.	Forward voltage V _F (V)		Peak emission wavelength		Luminous intensity		Spectrum radiation bandwidth		Reverse current		Terminal capacitance		Page for
				$\lambda_p(nm)$ I	IF	Iv(mcd)	IF	$\Delta\lambda(nm)$	I_{F}	Ir(µA)	V_R	C _t (pF)		characteristics
		TYP	MAX	TYP	(mA)	TYP	(mA)	TYP	(mA)	MAX	(V)	TYP	(MHz)	diagrams
Colored diffusion	GL1PR135	1.9	2.3	695	5	2.6	5	100	5	10	4	55	1	\rightarrow
	GL1HD135	2.0	2.8	635	20	8.8	20	35	20	10	4	20	1	\rightarrow
	GL1HS135	2.0	2.8	610	20	14.4	20	35	20	10	4	15	1	\rightarrow
	GL1HY135	1.9	2.5	585	10	4.5	10	30	10	10	4	35	1	\rightarrow
	GL1EG135	1.95	2.5	565	10	7.0	10	30	10	10	4	35	1	\rightarrow

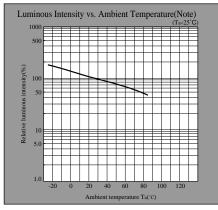
(Notice)
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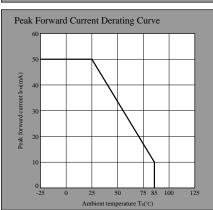
^{*2} Below the A portion of outline drawing

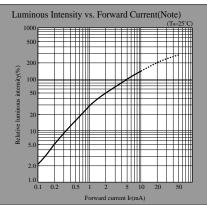
PR series

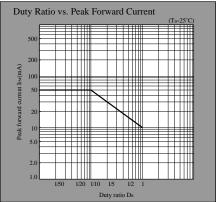




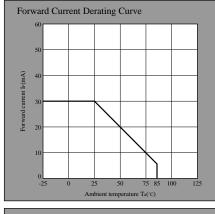


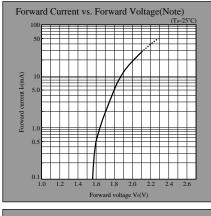


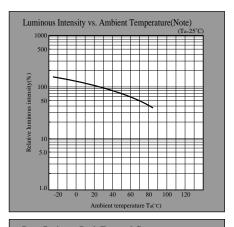


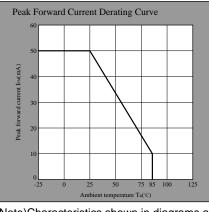


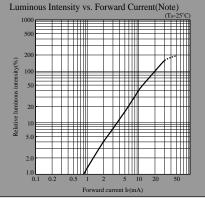
HD series

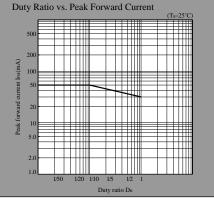








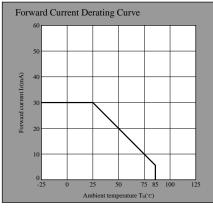


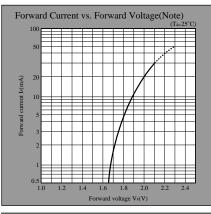


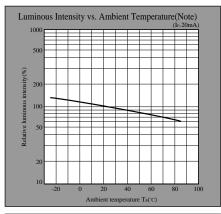
Note) Characteristics shown in diagrams are typical values. (not assurance value)

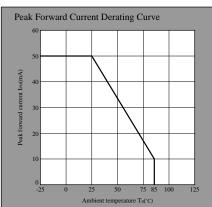
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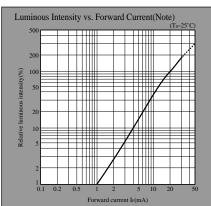
HS series

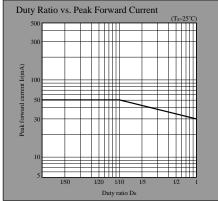




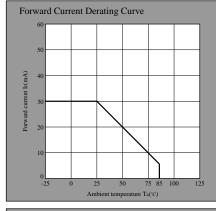


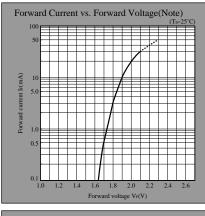


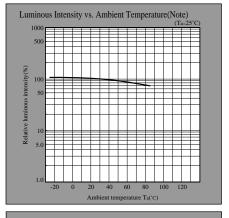


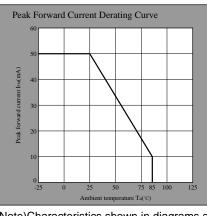


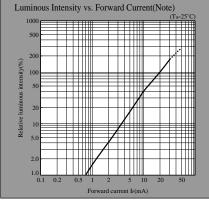
HY series

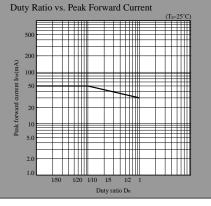








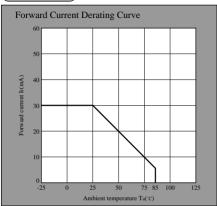


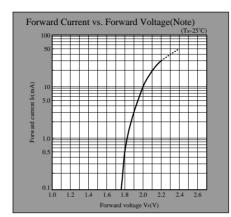


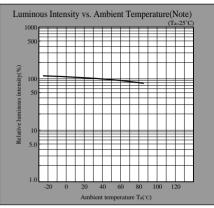
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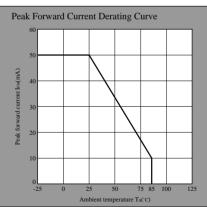
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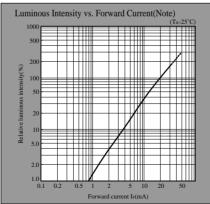
EG series

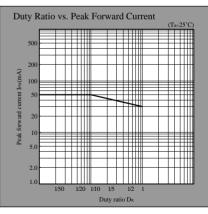












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