LED Lamp

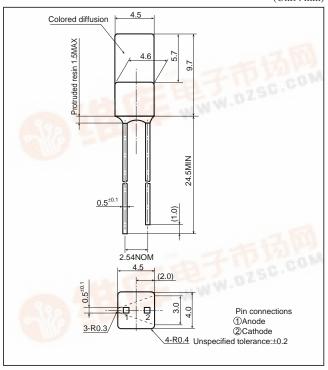
GL8⊒⊒28 series

GL8□□28 series

Isosceles Triangle, Colored Diffusion LED Lamps for Direction Indicator

■ Outline Dimensions





■ Absolute Maximum Ratings

 $(T_a=25^{\circ}C)$

											(14-25-0)
Model No.	Radiation color	Radiation material	Power dissipation P	Forward current IF	Peak forward current IFM*1	Derating factor (mA/°C)		Reverse voltage V _R	Operating temperature Topr	Storage temperature Tstg	Soldering temperature $\mathbf{T_{sol}}^{*2}$
			(mW)	(mA)	(mA)	DC	Pulse	(V)	(°C)	(°C)	(°C)
GL8PR28	Red	GaP	23	10	50	0.13	0.67	5	-25 to +85	-25 to +100	260
GL8HD28	Red	GaAsP on GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
GL8HS28	Sunset orange	GaAsP on GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
GL8HY28	Yellow	GaAsP on GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
GL8EG28	Yellow-green	GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
GL8KG28	Green	GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260

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

■ Electro-optical Characteristics

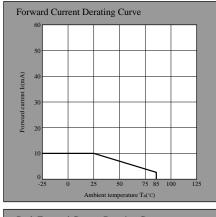
 $(T_a=25^{\circ}C)$

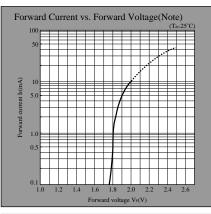
														(1a-23 C)
	Model No.	Forward voltage V _F (V)		Peak emission wavelength		Luminous intensity		Spectrum radiation bandwidth		Reverse current		Terminal capacitance		Page for
Lens type				$\lambda_p(nm)$ If		Iv(mcd) IF	I_F	$\Delta\lambda(nm)$	IF	Ir(µA)	V_{R}	C _t (pF)		characteristics
(20)		TYP	MAX	TYP	(mA)	TYP	(mA)	TYP	(mA)	MAX	(V)	TYP	(MHz)	diagrams
	GL8PR28	1.9	2.3	695	5	0.9	5	100	5	10	4	55	1	\rightarrow
	GL8HD28	2.0	2.8	635	20	6.0	20	35	20	10	4	20	1	\rightarrow
Colored	GL8HS28	2.0	2.8	610	20	6.0	20	35	20	10	4	15	1	\rightarrow
diffusion	GL8HY28	2.0	2.8	585	20	7.0	20	30	20	10	4	35	1	\rightarrow
+4:	GL8EG28	2.1	2.8	565	20	6.0	20	30	20	10	4	35	1	\rightarrow
找一件	GL8KG28	2.1	2.8	555	20	2.0	20	25	20	10	4	40	1	\rightarrow

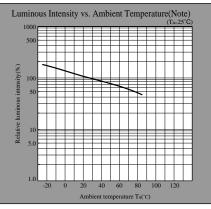
^{*2 5}s or less(At the position of 1.6mm or more from the bottom face of resin package)

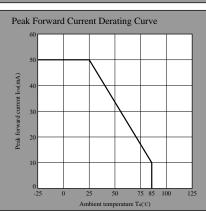
LED Lamp Characteristics Diagrams

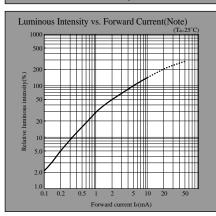
PR series

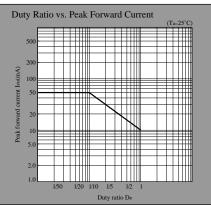




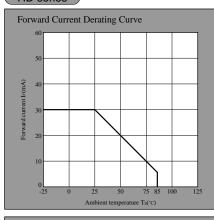


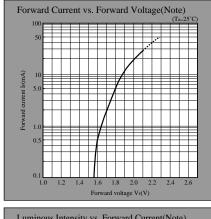


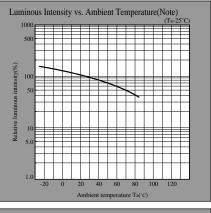


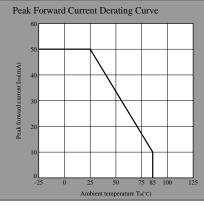


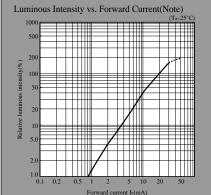
HD series

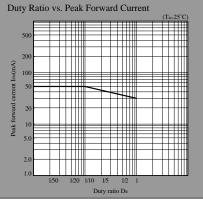










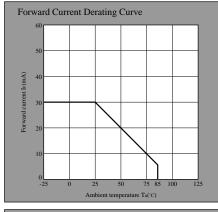


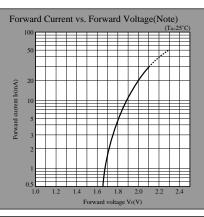
Note) Characteristics shown in diagrams are typical values. (not assurance value)

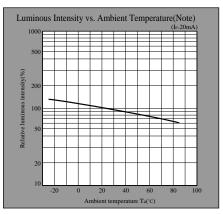
(Notice) • In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc. Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device.

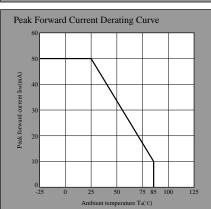
LED Lamp Characteristics Diagrams

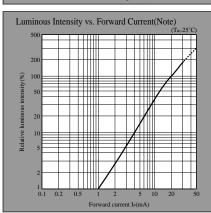
HS series

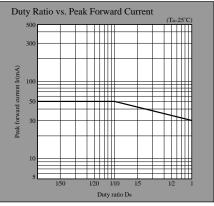




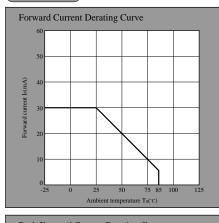


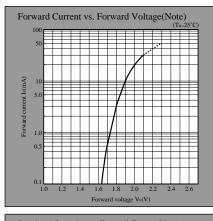


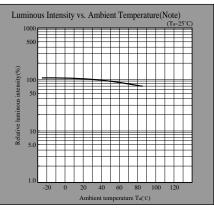


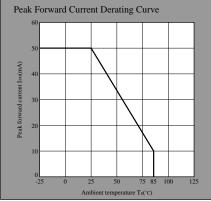


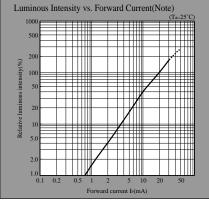
HY series

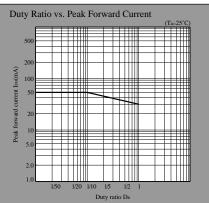








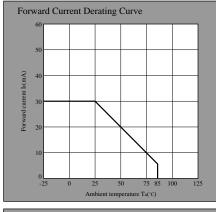


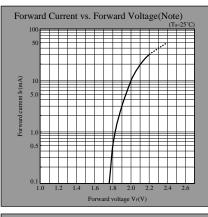


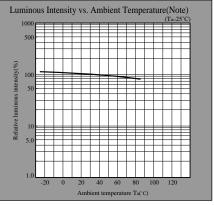
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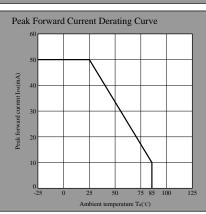
LED Lamp Characteristics Diagrams

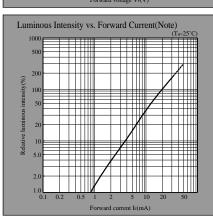
EG series

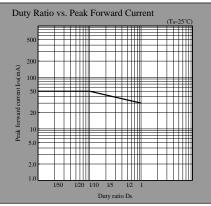




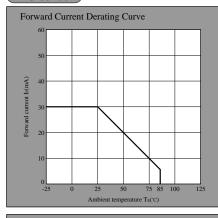


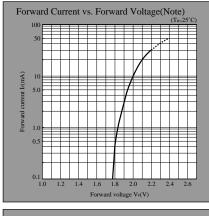


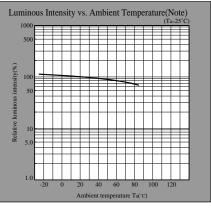


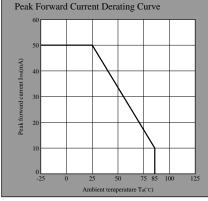


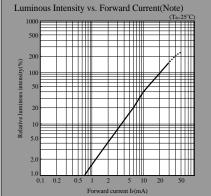
KG series

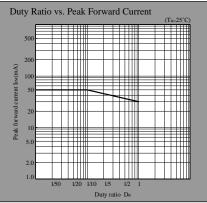












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