

LED Lamp

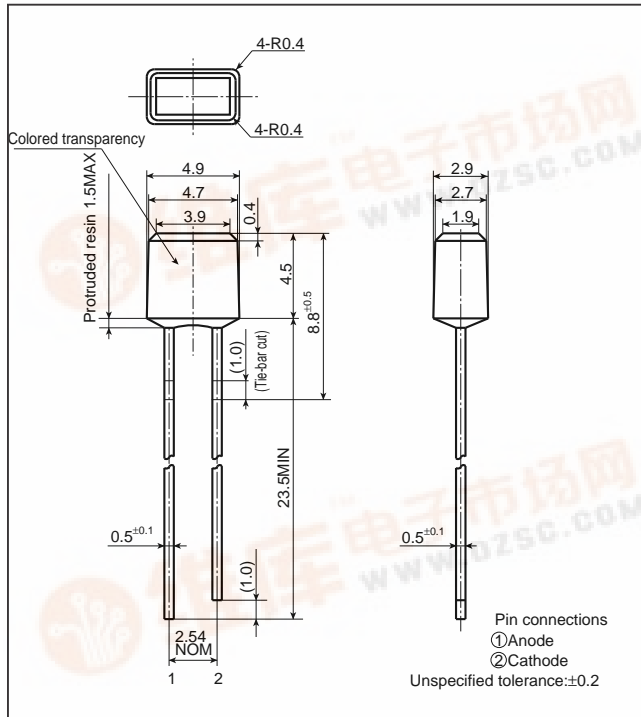
GL8□□5 series

GL8□□5 series

2.9X4.9mm, Rectangle Type,
Colored Transparency LED
Lamps for Backlight/Indicator

■ Outline Dimensions

(Unit : mm)



■ Absolute Maximum Ratings

(Ta=25°C)

Model No.	Radiation color	Radiation material	Power dissipation P (mW)	Forward current IF (mA)	Peak forward current IFM*1 (mA)	Derating factor (mA/°C)		Reverse voltage VR (V)	Operating temperature T _{opr} (°C)	Storage temperature T _{stg} (°C)	Soldering temperature T _{sol} *2 (°C)
						DC	Pulse				
GL8HD5	Red	GaAsP on GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
GL8HS5	Sunset orange	GaAsP on GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
GL8HY5	Yellow	GaAsP on GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
GL8EG5	Yellow-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

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

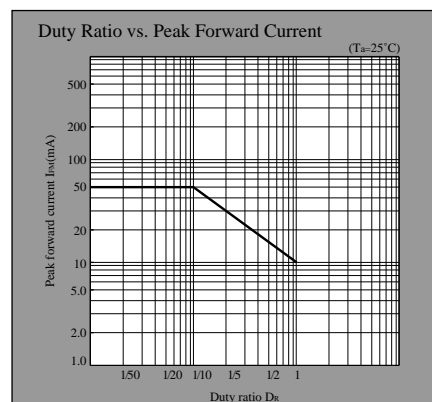
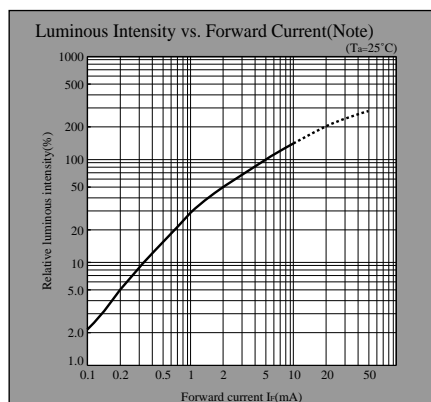
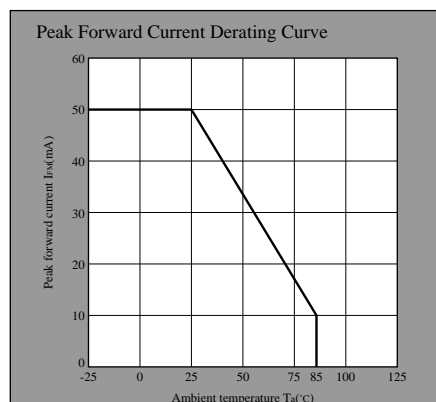
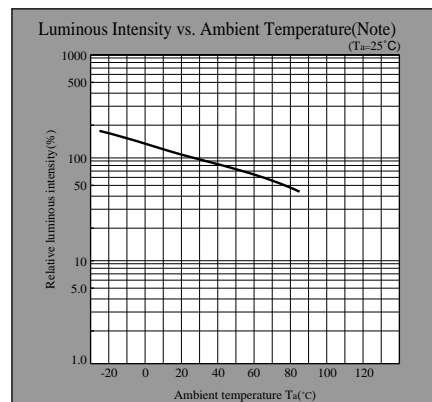
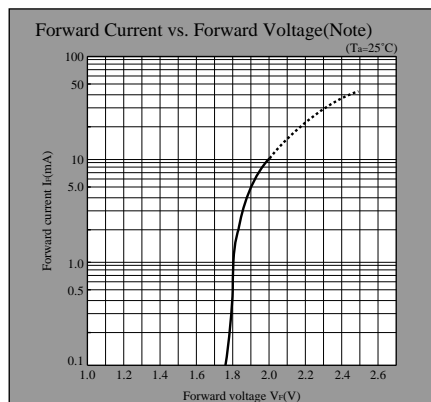
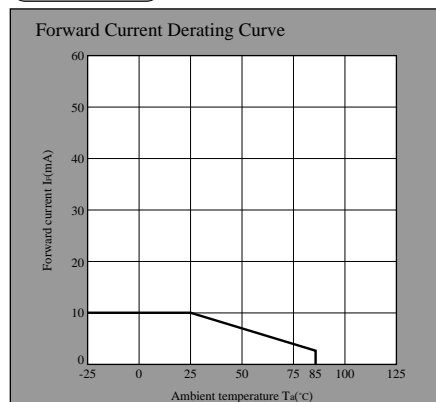
■ Electro-optical Characteristics

(Ta=25°C)

Lens type	Model No.	Forward voltage VF(V)		Peak emission wavelength λp(nm)		Luminous intensity Iv(mcd)		Spectrum radiation bandwidth Δλ(nm)		Reverse current IR(μA)		Terminal capacitance Ct(pF)		Page for characteristics diagrams
		TYP	MAX	TYP	IF (mA)	TYP	IF (mA)	TYP	IF (mA)	MAX	VR (V)	TYP	(MHz)	
Colored transparency	GL8HD5	2.0	2.8	635	20	22.0	20	35	20	10	4	20	1	→
	GL8HS5	2.0	2.8	610	20	18.0	20	35	20	10	4	15	1	→
	GL8HY5	2.0	2.8	585	20	25.0	20	30	20	10	4	35	1	→
	GL8EG5	2.1	2.8	565	20	28	20	30	20	10	4	35	1	→

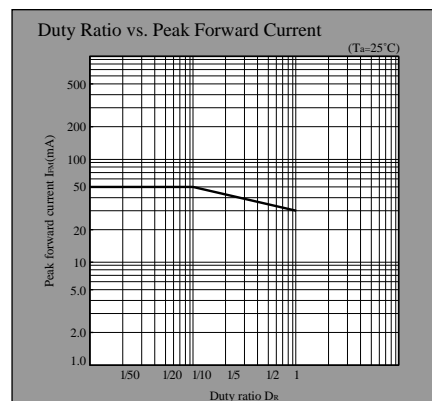
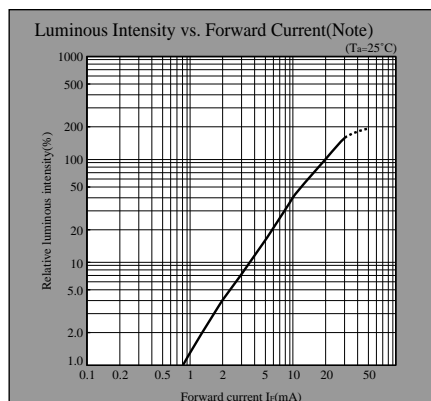
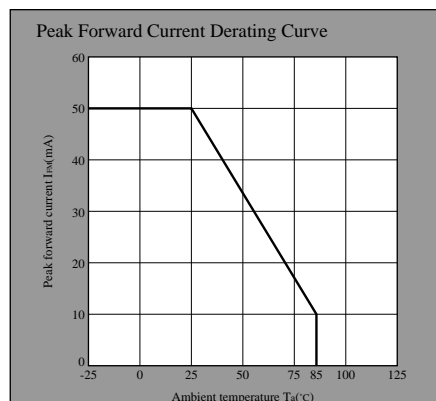
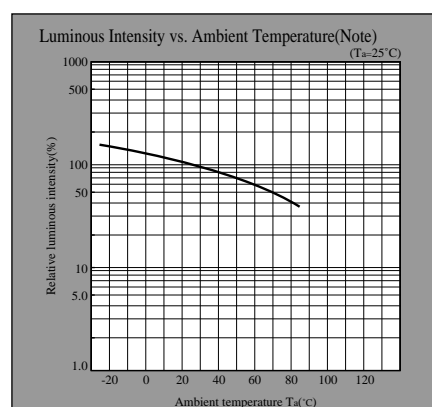
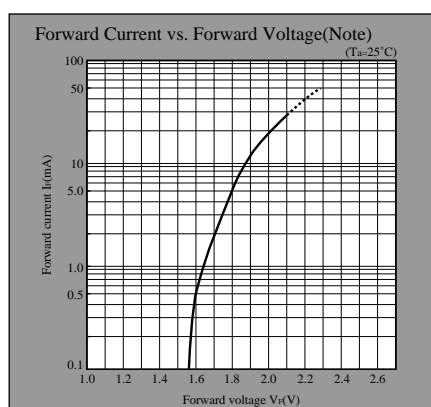
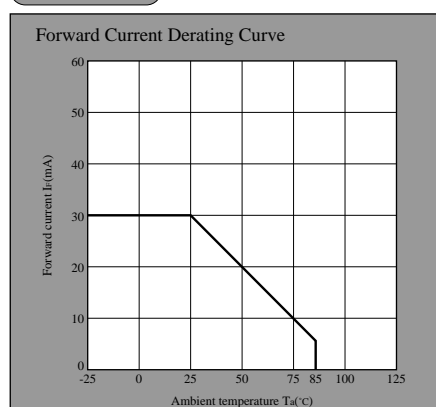
LED Lamp Characteristics Diagrams

PR series



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

HD series

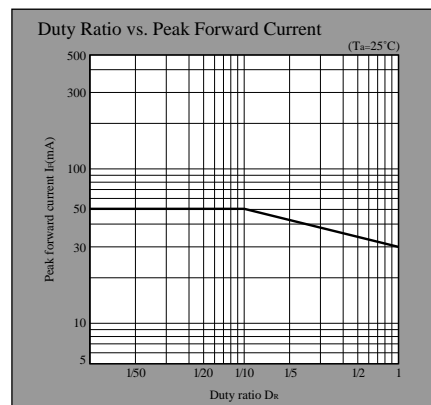
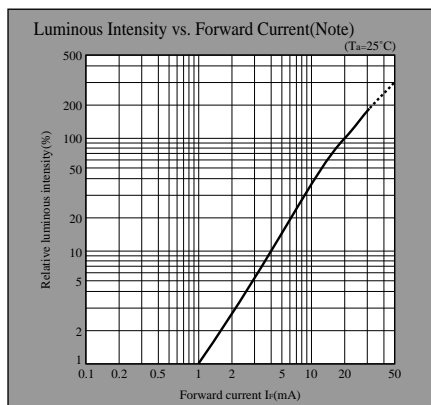
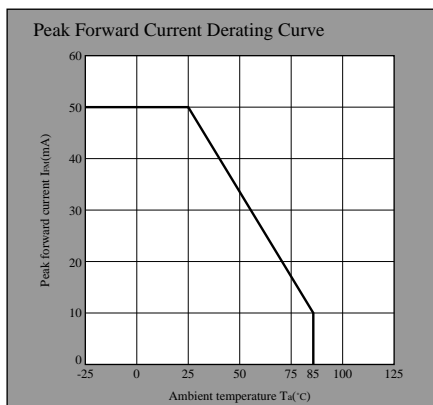
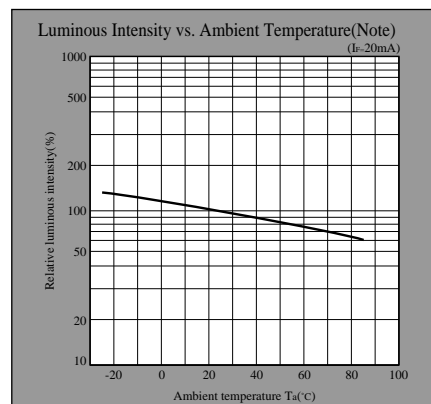
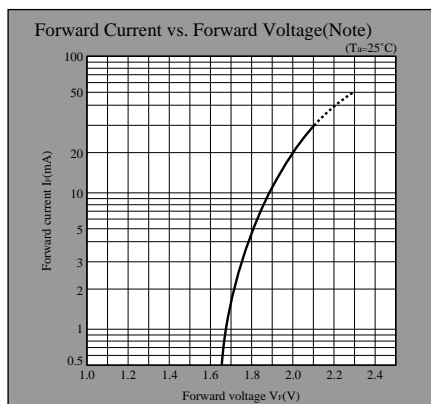
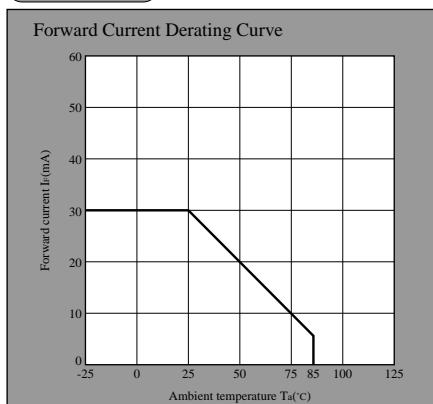


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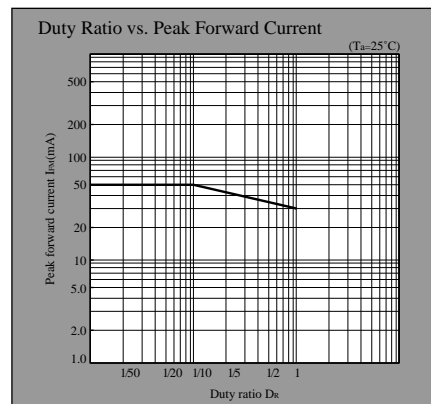
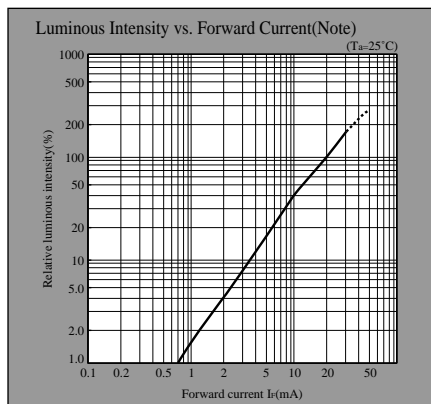
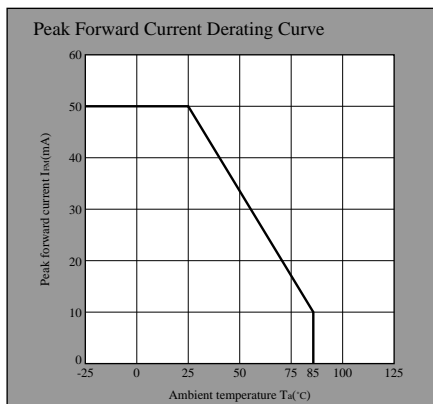
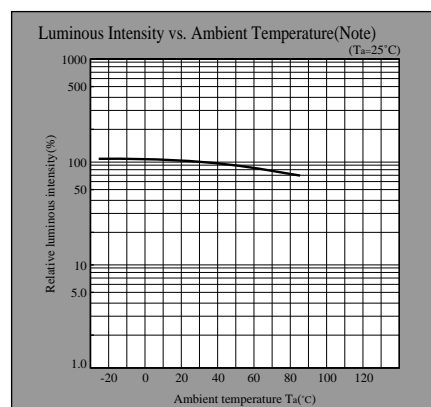
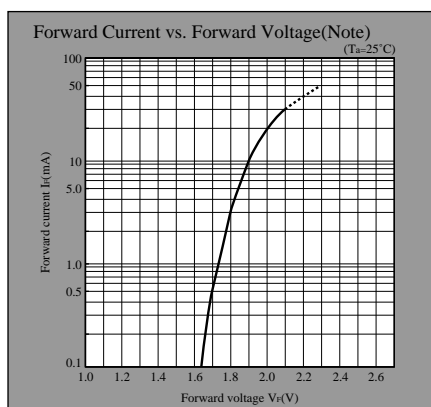
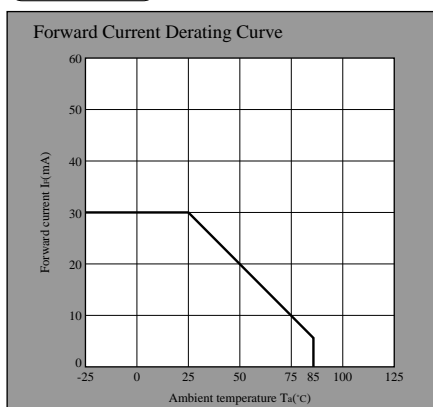
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LED Lamp Characteristics Diagrams

HS series



HY series

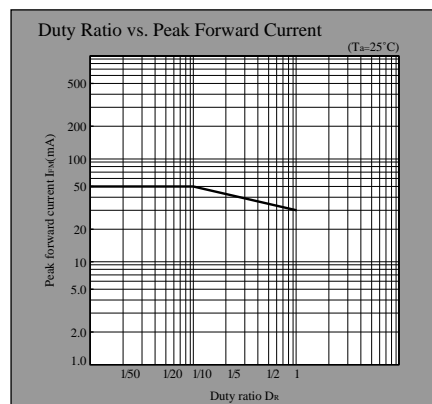
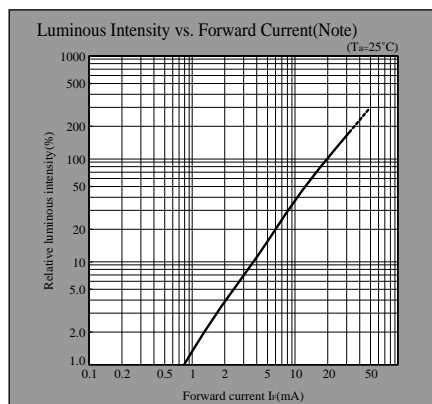
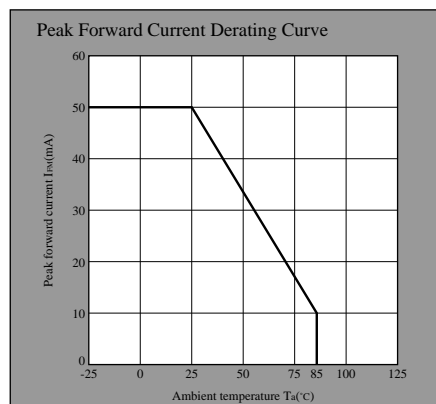
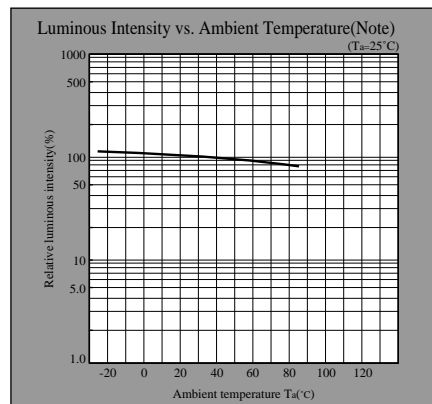
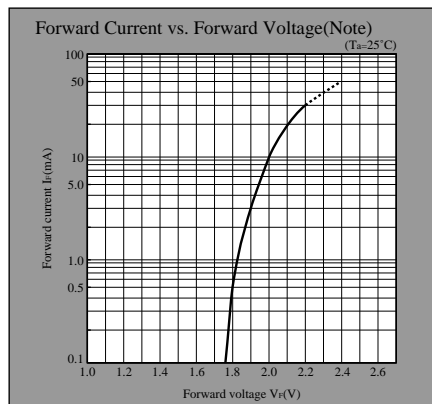
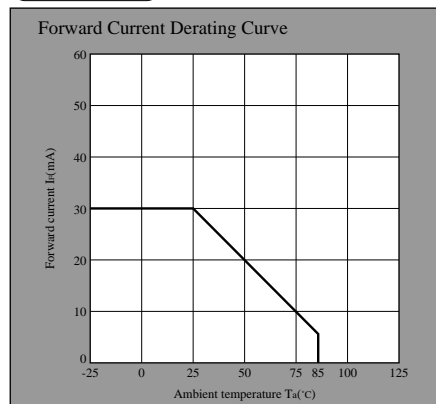


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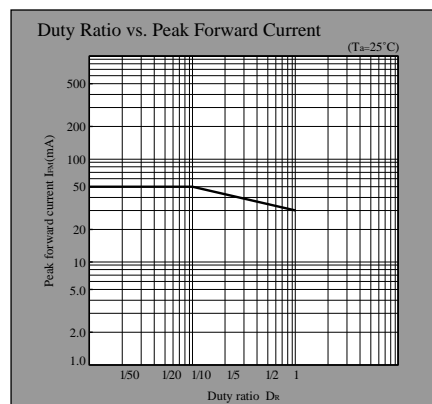
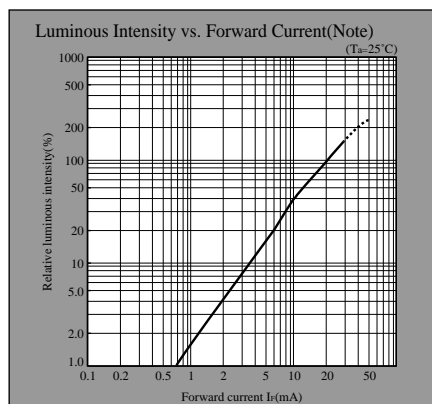
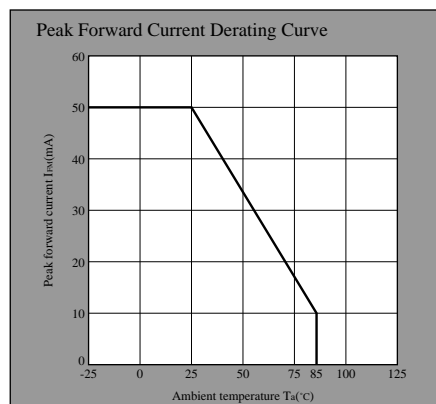
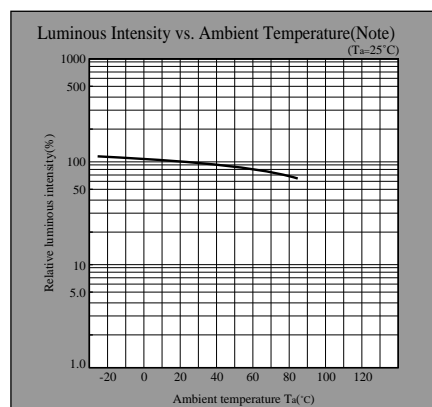
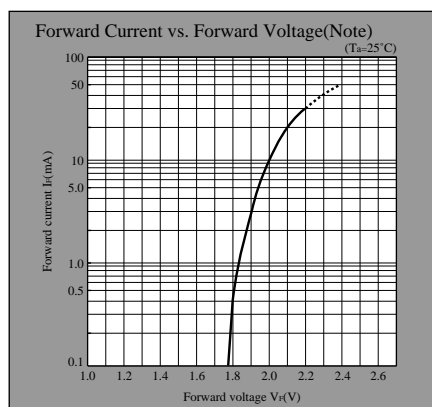
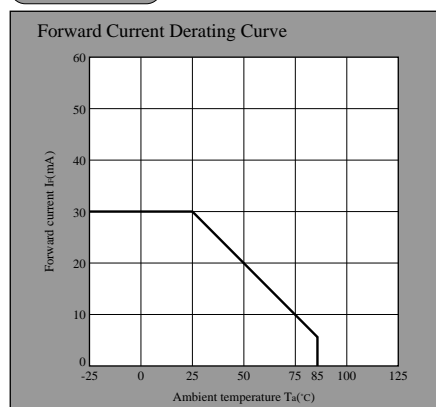
LED Lamp Characteristics Diagrams

EG series



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KG series



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