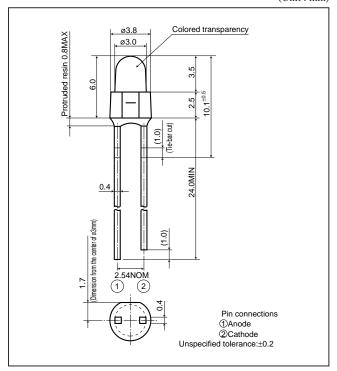
LED Lamp LT3□65W series

LT3□65W series

ø3mm(T-1), Cylinder Type(Thick Flange), Colored Transparency, Tape-packaged LED Lamps for Surface Mount

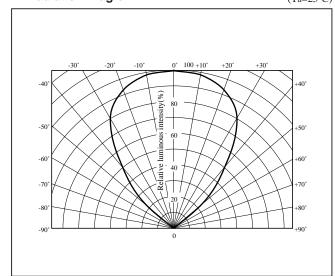
■ Outline Dimensions

(Unit: mm)



■ Radiation Diagram

(Ta=25°C)



■ Absolute Maximum Ratings

(Ta=25°C)

											(Ta=23 C)
Model No.	Radiation color	Radiation material	Power dissipation P	Forward current IF			g factor	Reverse voltage V _R	Operating temperature $\mathbf{T}_{\mathrm{opr}}$	Storage temperature T_{stg}	Soldering temperature ${{\mathbf{T}_{\mathrm{sol}}}^{*2}}$
			(mW)	(mA)	(mA)	DC	Pulse	(V)	(°C)	(°C)	(°C)
LT3P65W	Red	GaP	23	10	50	0.13	0.67	5	-25 to +85	-25 to +100	260
LT3D65W	Red	GaAsP on GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
LT3S65W	Sunset orange	GaAsP on GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
LT3H65W	Yellow	GaAsP on GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
LT3E65W	Yellow-green	GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
LT3K65W	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

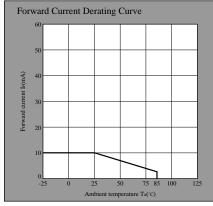
(Ta=25°C)

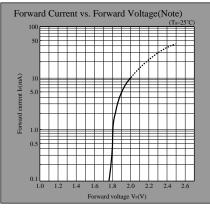
													(1a-23 C)	
Lens type	Model No.	Forward voltage V _F (V)		Peak emission wavelength		Luminous intensity		Spectrum radiation bandwidth		Reverse current		Terminal capacitance		Page for characteristics
			Ì	$\lambda_{p}(nm)$ TYP	I _F (mA)	Iv(mcd) TYP	I _F (mA)	Δλ(nm) TYP	I _F (mA)	Ir(µA) MAX	V _R (V)	C _t (pF) TYP	(MHz)	diagrams
			MAX											uiagiailis
Colored transparency	LT3P65W	1.9	2.3	695	5	3.0	5	100	5	10	4	55	1	\rightarrow
	LT3D65W	2.0	2.8	635	20	25.0	20	35	20	10	4	20	1	\rightarrow
	LT3S65W	2.0	2.8	610	20	25.0	20	35	20	10	4	15	1	\rightarrow
	LT3H65W	2.0	2.8	585	20	25.0	20	30	20	10	4	35	1	\rightarrow
	LT3E65W	2.1	2.8	565	20	25.0	20	30	20	10	4	35	1	\rightarrow
	LT3K65W	2.1	2.8	555	20	10.0	20	25	20	10	4	40	1	\rightarrow

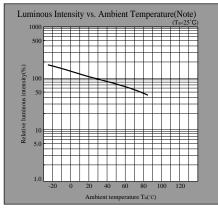
⁽Notice) • In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc. Contact SHARP in order to obtain the latest device specification sheets before using any SHARP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

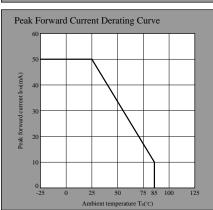
^{*2 5}s or less(At the position of 1.6mm or more from the bottom face of resin package)

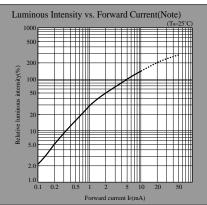
PR series

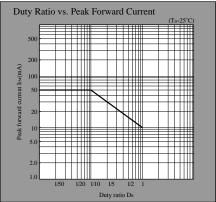




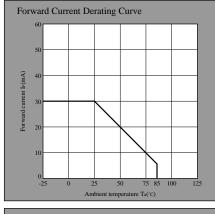


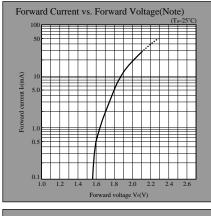


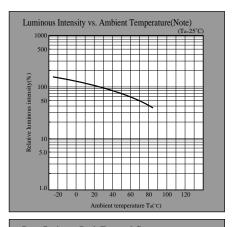


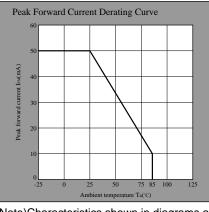


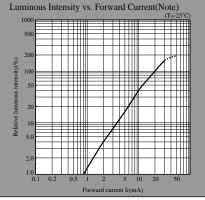
HD series

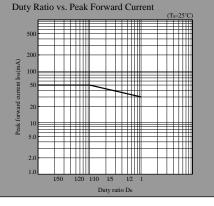








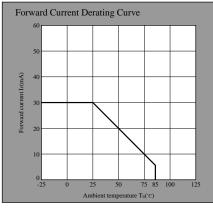


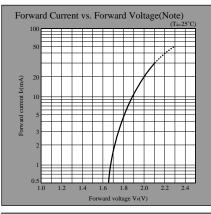


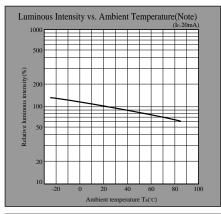
Note) Characteristics shown in diagrams are typical values. (not assurance value)

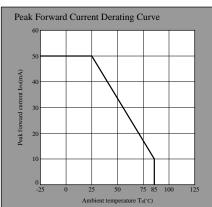
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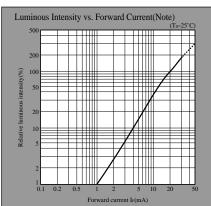
HS series

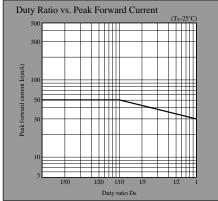




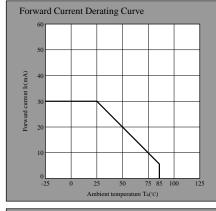


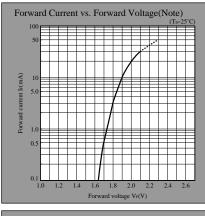


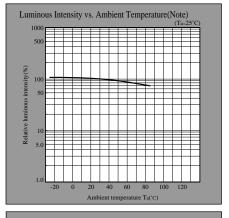


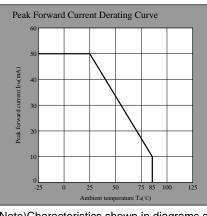


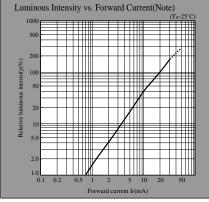
HY series

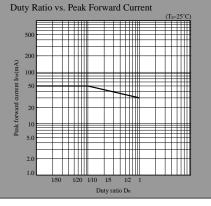








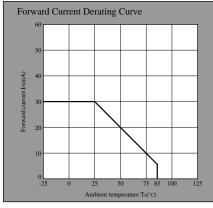


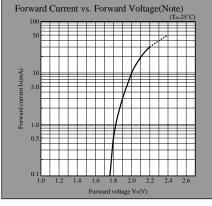


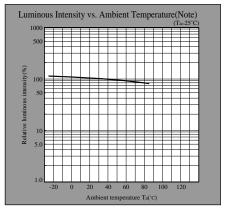
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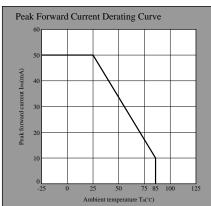
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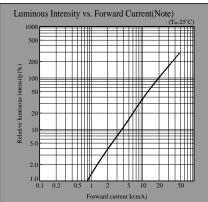
EG series

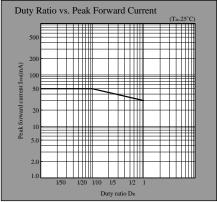




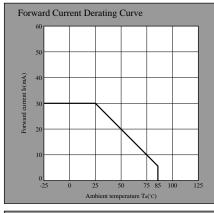


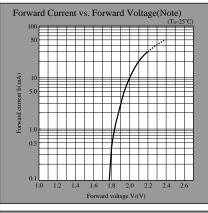


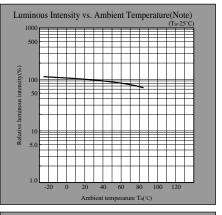


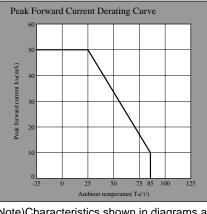


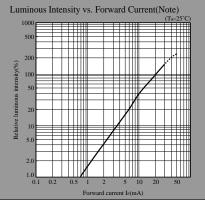
KG series

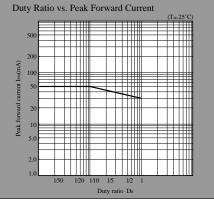












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