•Electrical and optical characteristics (T_a = 25°C)

Parameter	Symbol	Conditions	Values			Linit	
Parameter	Symbol	Conditions	Min.	Тур.	Max.	Unit	
Light current	I _C	V _{CE} =5V, E=500Lx	2.0	-	-	mA	
Dark current	I _{CEO}	V _{CE} =10V (Black box)	-	-	0.5	μΑ	
Peak sensitivity wavelength	λ _p	-	-	800	-	nm	
Collector-emitter saturationvoltage	V _{CE(sat)}	I _C =1mA, E=500Lx	-	-	0.4	V	
Half-angle	$\theta_{1/2}$	-	-	±36	-	deg	
Response time	tr∙tf	V_{CC} =5V, I _C =1mA, R _L =100 Ω	-	10	-	μS	

•Classified table of rank

Item	Light current : I _C			Unit	
L	2.0	to	5.0		mA
М	3.0	to	8.0		mA
Ν	5.5	to	13.0		mA
Р	10.0	to	25.0		mA

•Electrical and optical characteristics curves

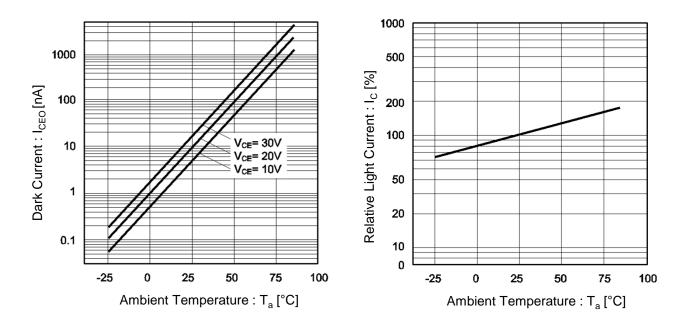
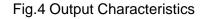
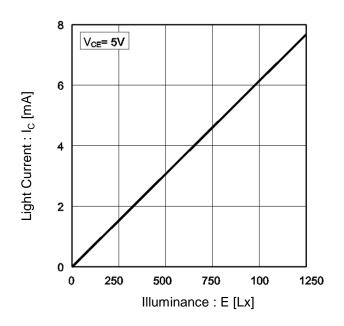
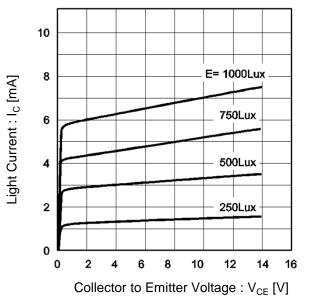


Fig.1 Dark Current vs. Ambient Temperature Fig.2 Relative Output vs. Ambient Temperature

Fig.3 Light Current vs. Emitter Strength







•Electrical and optical characteristics curves

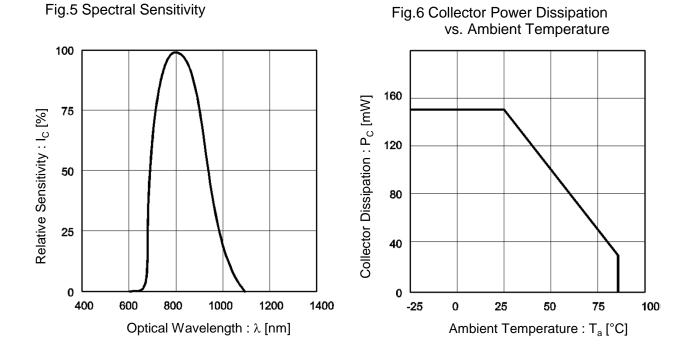
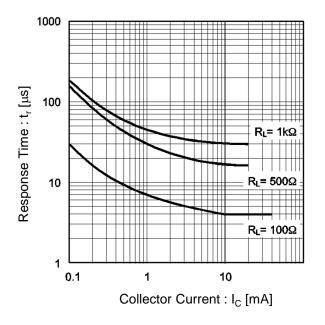
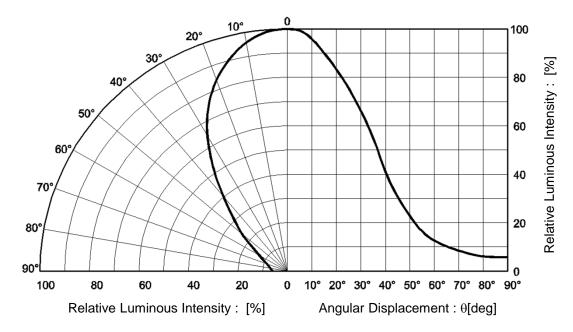


Fig.7 Response time vs.Collector Current



•Electrical and optical characteristics curves

Fig.8 Directional Pattern



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