

# Reflective Mirror type LED AOP3-5310T2 ( $\lambda_p=530\text{nm LED}$ )

Visible LED

## ◆ Absolute Maximum Ratings

Ta = 25°C

Parameter	Symbol	Value	Unit
Power Dissipation	P <sub>D</sub>	100	mW
Forward Current (DC)	I <sub>F</sub>	30	mA
Pulse Forward Current *	I <sub>FRM</sub>	120	mA
Reverse Voltage (DC)	V <sub>R</sub>	5.0	V
Operating Temperature	Topr	-30 ~ +75	°C
Storage Temperature	Tstg	-30 ~ +80	°C

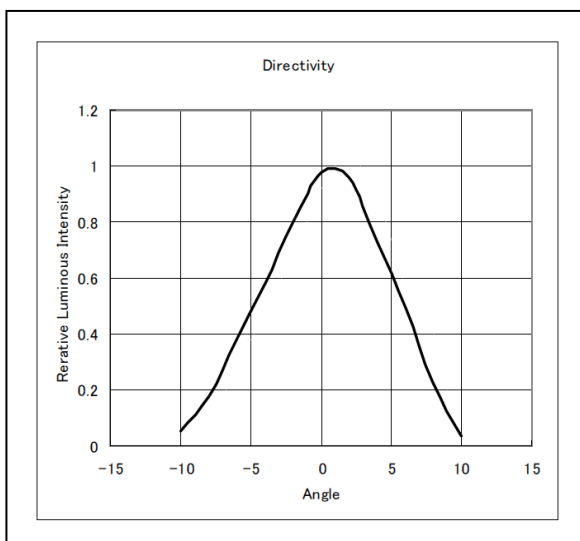
\* I<sub>FRM</sub>: PW(Pulse width) ≤ 100 μ sec, duty ≤ 1/100

## ◆ Electro-optical Characteristics

Ta = 25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	
Forward Voltage	V <sub>f</sub>		3.4	3.7	V	I <sub>f</sub> =20mA
Reverse Current	I <sub>R</sub>			2	μ A	V <sub>R</sub> = 5V
Peak Wavelength	$\lambda_p$	525	530	535	nm	I <sub>F</sub> = 20mA
Spectral Half width	$\Delta\lambda$		25		nm	I <sub>F</sub> = 20mA
Optical Output Power	P <sub>O</sub>				mW	I <sub>F</sub> = 20mA
Luminous Intensity	I <sub>v</sub>	50	80	90	cd	I <sub>F</sub> = 20mA
Viewing Half angle	$\theta_{1/2}$		±5.0		°	I <sub>F</sub> = 20mA

## ◆ Directivity



## ◆ External Condition (Reference Drawing)

Unit=mm/±0.3mm

