

Reflective mirror type LED
AOP3-4710T1 ($\lambda_p=470\text{nm LED}$)

◆ Absolute Maximum Ratings

Ta = 25°C

Parameter	Symbol	Value	Unit
Power Dissipation	P _D	97	mW
Forward Current (DC)	I _F	30	mA
Pulse Forward Current *	I _{FRM}	120	mA
Reverse Voltage (DC)	V _R	5.0	V
Operating Temperature	T _{opr}	-30 ~ +75	°C
Storage Temperature	T _{stg}	-30 ~ +80	°C

* I_{FRM}: PW(Pulse width) ≤ 100 μ sec, duty ≤ 1/100

◆ Electro-optical Characteristics

Ta = 25°C

Parameter	Symbol		Value	Unit	
Forward Voltage	V _f	Typ.	3.4	V	I _F =20mA
Reverse Current	I _R	Max.	2.0	μ A	V _R = 5V
Peak Wavelength	λ_p	Typ.	470	nm	I _F = 20mA
Spectral Half width	$\Delta\lambda$	Typ.	25	nm	I _F = 20mA
Luminous Intensity	I _v	Typ.	35	cd	I _F = 20mA
Viewing Half angle	θ 1/2	Typ.	±5.0	°	I _F = 20mA

◆ External Condition (Reference Drawing)

