

Reflective Mirror type LED AOP3-6610D1 ($\lambda_p=660\text{nm LED}$)

Visible LED

◆ Absolute Maximum Ratings

Ta = 25°C

Parameter	Symbol	Value	Unit
Power Dissipation	P _D	47	mW
Forward Current (DC)	I _F	25	mA
Pulse Forward Current *	I _{FRM}	*250	mA
Reverse Voltage (DC)	V _R	4	V
Operating Temperature	T _{opr}	-20 ~ +65	°C
Storage Temperature	T _{stg}	-30 ~ +80	°C

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

◆ Electro-optical Characteristics

Ta = 25°C

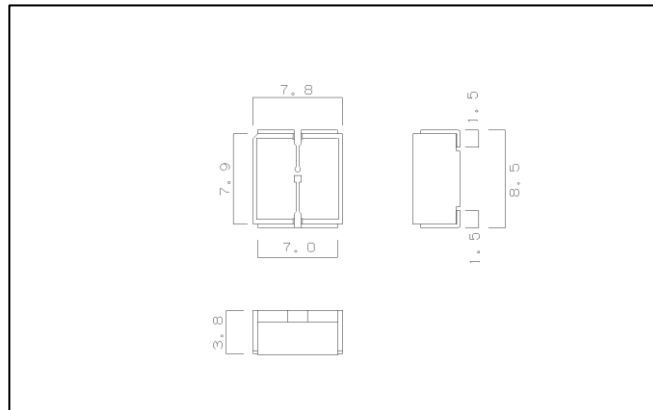
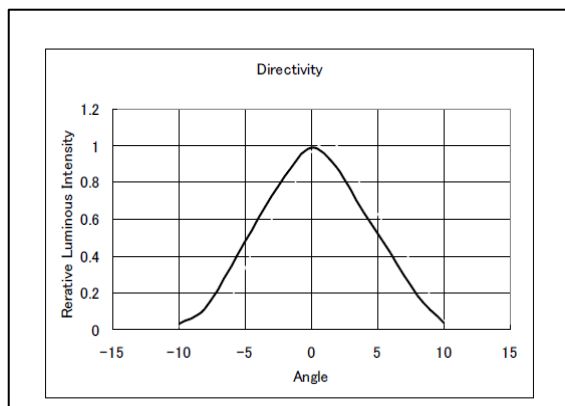
Parameter	Symbol	Min.	Typ.	Max.	Unit	
Forward Voltage	V _f		1.8	2.0	V	I _f =20mA
Reverse Current	I _R			10	mA	V _R = 4V
Peak Wavelength	λ_p	656	660	665	nm	I _F = 20mA
Spectral Half width	$\Delta\lambda$		20		nm	I _F = 20mA
Output Power	P _o		2.0		mW	I _F = 20mA
Peak Luminosity	cd		8			I _F = 20mA
Viewing Half angle	$\theta_{1/2}$		±4		°	I _F = 20mA

◆ Directivity

◆ External Condition (Reference Drawing)

I_f=20mA

Unit=mm/±0.3mm



Condition: 25°C I_f=20mA

C-Cut Side: Anode

Preliminary

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