

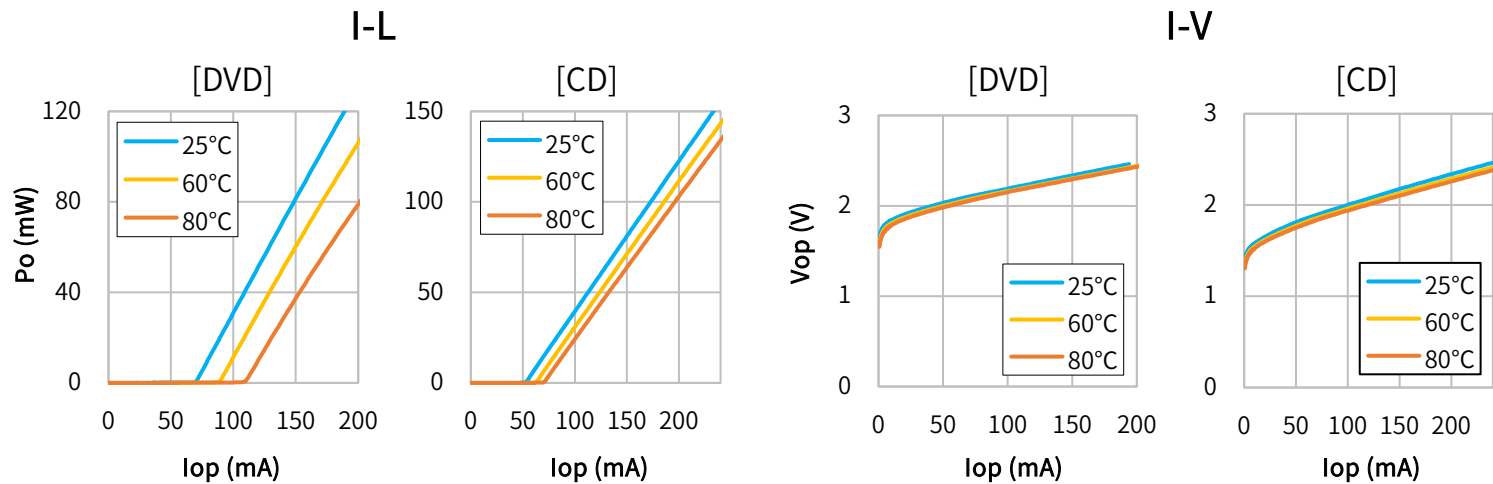


## Characteristics

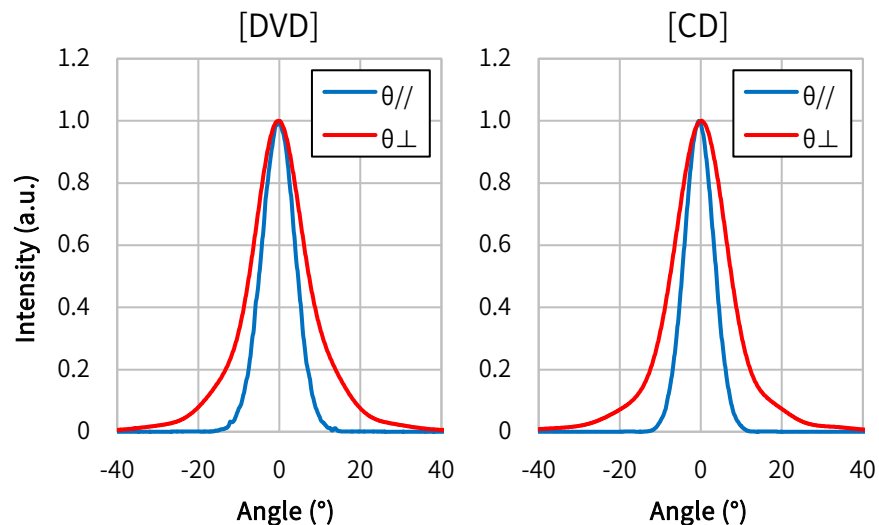
(Tc=25°C, CW)

Item	DVD Laser Diode		CD Laser Diode	
	Conditions	Characteristic value (TYP.)	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	Po=120mW	661nm	Po=150mW	785nm
Output [Max]	—	120mW [125mW]	—	150mW [200mW]
Threshold current	—	68mA	—	55mA
Operating current	Po=120mW	189mA	Po=150mW	230mA
Operating voltage	Po=120mW	2.5V	Po=150mW	2.4V
Far Field (1/e <sup>2</sup> )	Po=120mW	$\theta_{//}$ 8.5-11.5 $\theta_{\perp}$ 7.0-10.5	Po=150mW	$\theta_{//}$ 14.0-19.0 $\theta_{\perp}$ 13.0-18.0
Terminal connections	<a href="#">No.7</a>			
Package type	<a href="#">t1.8</a>			

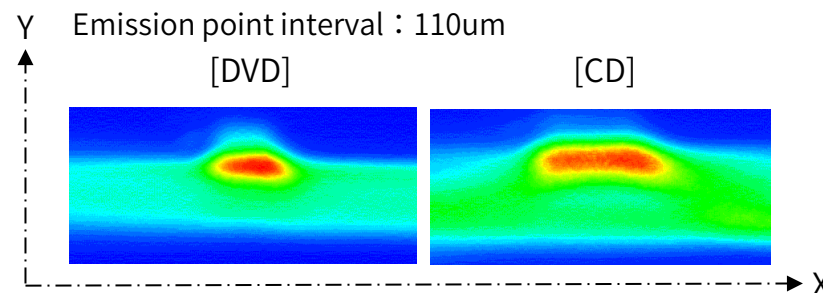
## CW I-L, I-V Temperature



## Far Field Pattern



## Near Field Pattern



Emitter size

	FWHM (μm)		1/e (μm)		1/e <sup>2</sup> (μm)	
	[DVD]	[CD]	[DVD]	[CD]	[DVD]	[CD]
X	2.0	2.9	2.4	3.4	3.4	4.5
Y	1.3	1.2	1.5	1.4	2.1	2.0

