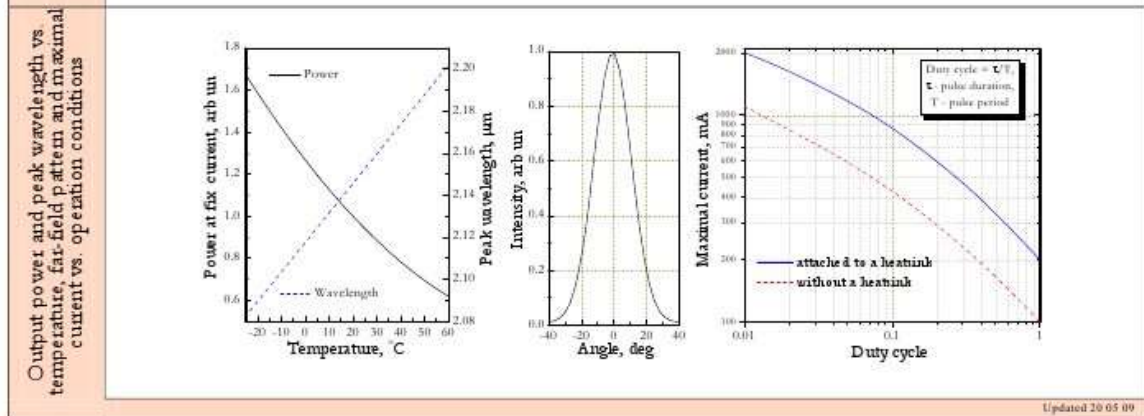
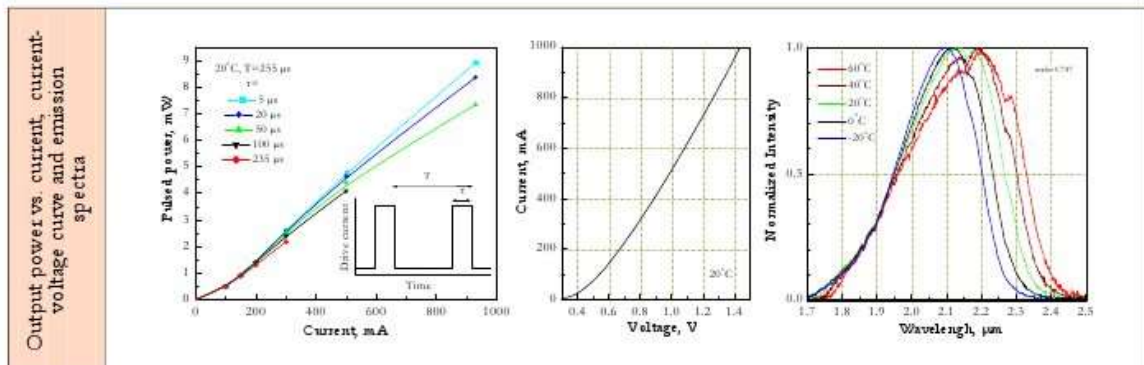


Optically Immersed 2.15 $\mu\text{m}$ LED in heat-sink optimized housing				LED21Sr
Peak wavelength	$\lambda_{\text{max}}$	$\mu\text{m}$		2.15 $\pm$ 0.05
Pulsed power at I=1 A	$P_{\text{pulsed}}$	mW		9.0 $\pm$ 2.0
CW power at I=200 mA	$P_{\text{CW}}$	mW		1.3 $\pm$ 0.25
Switching time	$\tau$	ns		$\leq$ 20

Code	Thread	Emission size, mm	Lens material	Far-field pattern FWHM, deg	Optical axis deviation, deg	Operation (storage) conditions, °C
LED21Sr	M5 $\times$ 0.5	$\varnothing$ 3.3	Si	$\leq$ 20	$\leq$ 7	-25+60 (+80)
LED21T08TEC			Si lens and quartz window			

	LED21Sr	LED21T08TEC
Product view		
		 1 TEC -, 4 TEC + 8 LED +, 13 LED - 10, 11 thermosens or
	<ul style="list-style-type: none"> <li>✓ All devices are stressed at 80°C (I=0) and I=200 mA (CW, 20°C) for 10 hrs before final test and shipping to a customer</li> <li>✓ Beam divergence of the LEDs is small and thus we recommend adjusting LED position regarding to the detector system before final evaluation/use of the devices</li> <li>✓ All data are valid for room temperature (22°C) and LED attached to a heatsink. Heatsink is important for normal LED operation especially in the CW mode</li> </ul>	



Updated 20.05.09