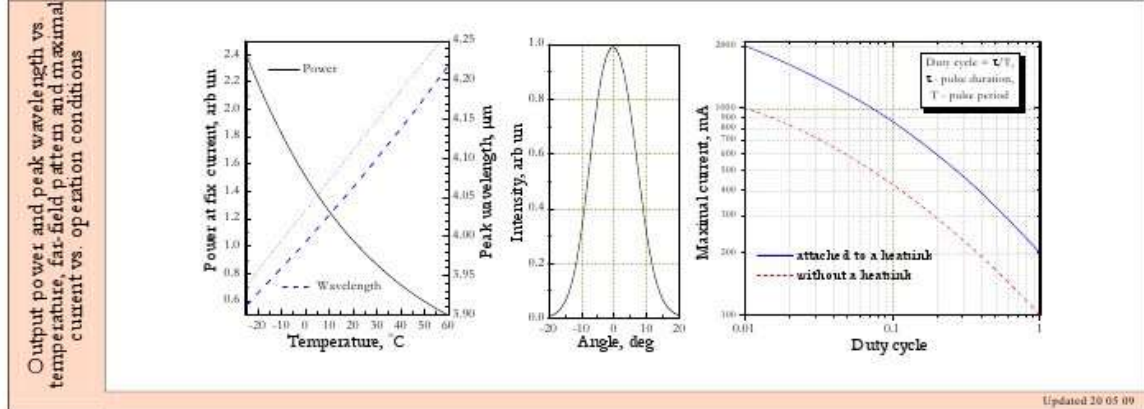
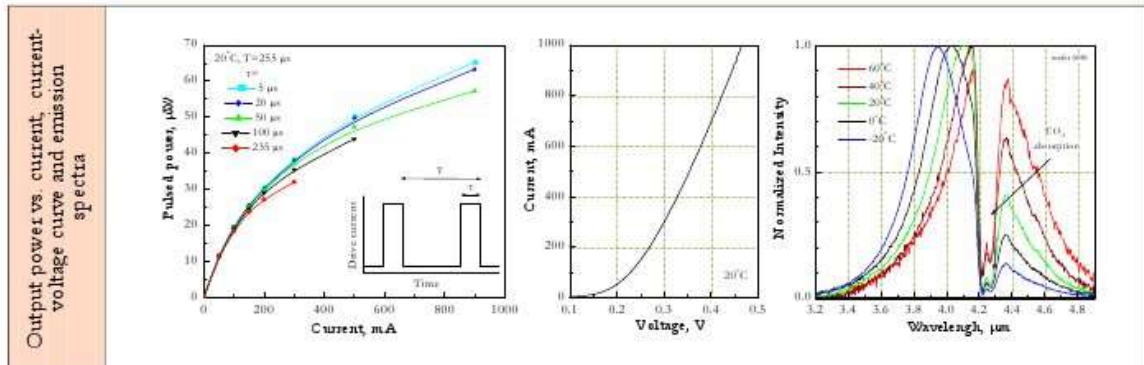


Optically Immersed 4.2 μm LED in heat-sink optimized housing				LED42Sr	
Peak wavelength	λ_{max}	μm		4.15±0.1	
Pulsed power at I=1 A	P_{pulsed}	μW		70±15	
CW power at I=200 mA	P_{CW}	μW		25±5	
Switching time	τ	ns		≤20	

Code	Thread	Emission size, mm	Lens material	Far-field pattern FWHM, deg	Optical axis deviation, deg	Operation (storage) conditions, °C
LED42Sr	M5×0.5	Ø 3.3	Si	≤20	≤7	-25÷+60 (+80)
LED42T08TEC			Si lens and quartz window			

	LED42Sr	LED42T08TEC
Product view		
		<p>1 TEC -, 4 TEC + 8 LED +, 13 LED - 10, 11 thermosens or</p>

- ✓ 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
- ✓ 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
- ✓ 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



Updated 20.05.09

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