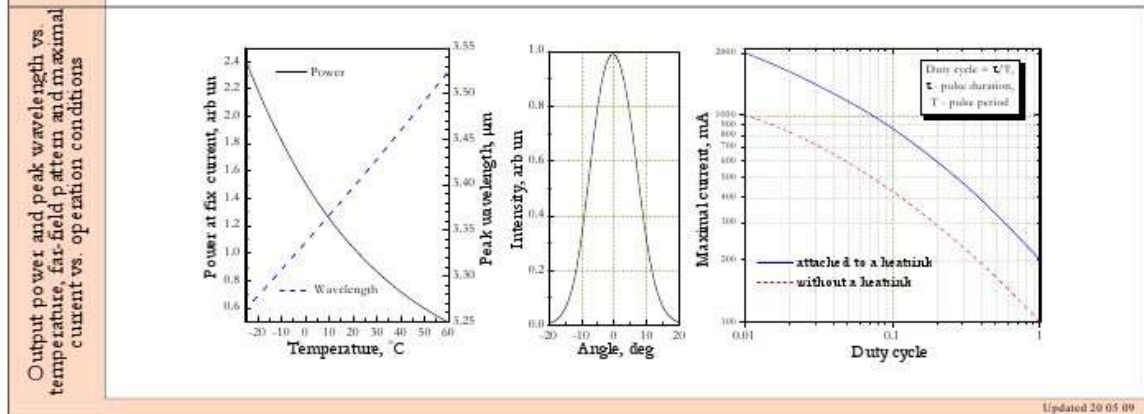
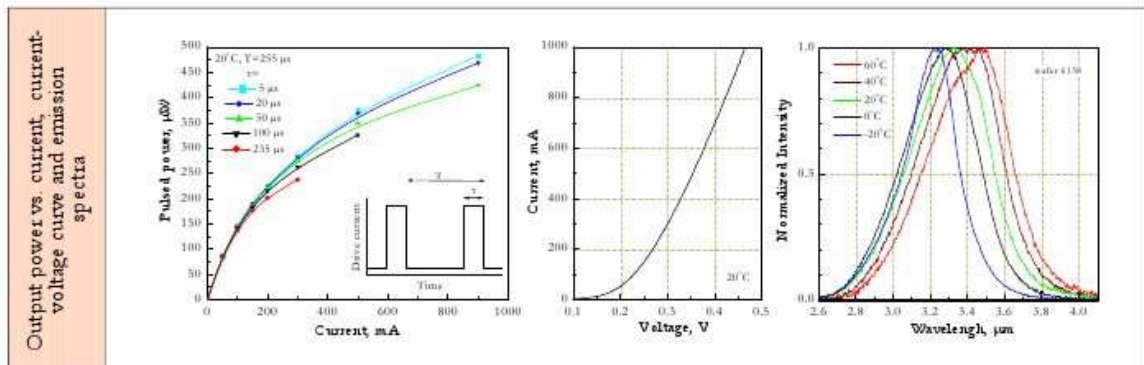


Optically Immersed 3.4 μm LED in heat-sink optimized housing				LED34Sr
Peak wavelength	λ_{max}	μm		3.4 ± 0.05
Pulsed power at I=1 A	P_{pulsed}	μW		500 ± 100
CW power at I=200 mA	P_{CW}	μW		200 ± 40
Switching time	τ	ns		≤ 20

Code	Thread	Emission size, mm	Lens material	Far-field pattern FWHM, deg	Optical axis deviation, deg	Operation (storage) conditions, °C
LED34Sr	M5x0.5	$\varnothing 3.3$	Si	≤ 20	≤ 7	-25 +60 (+80)
LED34TO8TEC			Si lens and quartz window			

	LED34Sr	LED34TO8TEC
Product view		 1 TEC -, 4 TEC + 8 LED +, 13 LED - 10, 11 thermosens or
	<ul style="list-style-type: none"> ✓ 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