




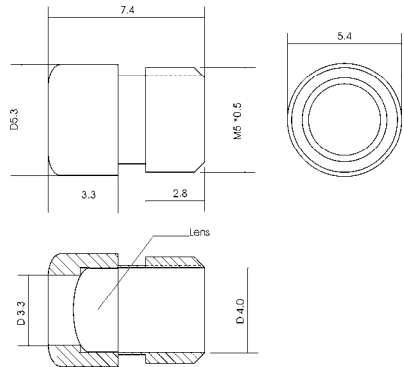
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Specifications (T=22 °C)

Optically Immersed 3.6 μm LED in heat-sink optimized housing			LED36SC
Peak wavelength	λ	μm	3.65±0.05
Spectral width FWHM		μm	0.5±0.05
Current test conditions:	Pulse duration	τ	≤10
	Pulse period	T	≥1000
Voltage at drive current I=1 A	U <sub>pulse</sub>	V	0.4 to 0.6
Pulsed power at I=1 A	P <sub>pulse</sub>	μW	≥250
CW power at I=200 mA (attached to a heatsink)	P <sub>CW</sub>	μW	≥75
Switching time	τ	ns	≤20

Package Detail

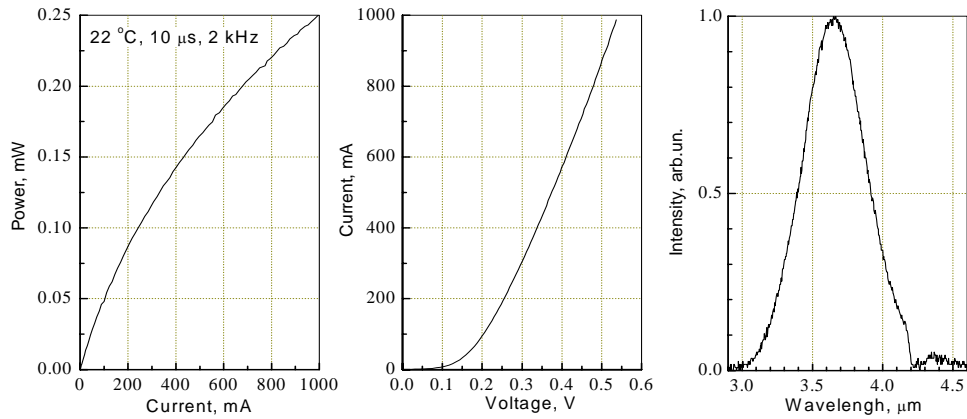
Package code	Thread	Emission size	Far-field pattern FWHM	Far-field pattern deviation	Operation (storage) conditions	Polarity
		mm	deg.	deg.	°C	
Screw	M5×0.5	Ø 3.2	≤40	±10	-25÷+60 (+80)	short wire or black point is negative

Package photo		 <p>M5 thread on base/barrel</p>
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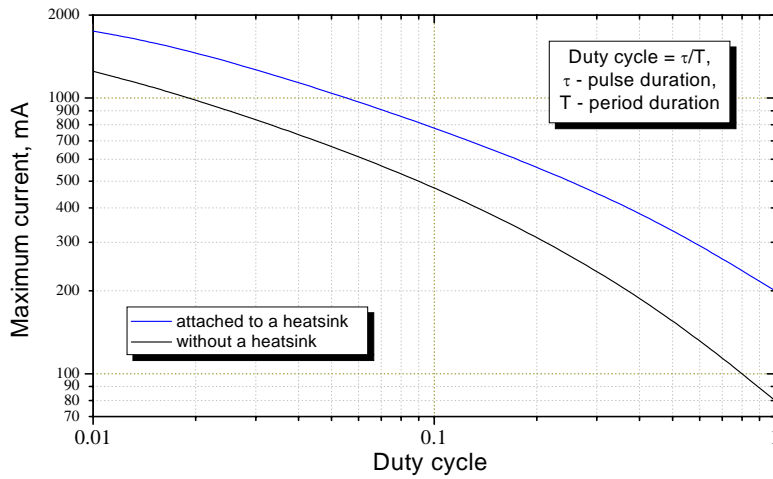
Available accessories include driver electronics and detectors.

Available wavelengths include 3.0, 3.4, 3.8, 4.2, 4.7 and 5.4 μm.

Current-voltage curve, current dependences of the output power and emission spectrum at 22 °C.



Maximal current vs. operation conditions



Output power and emission spectra maximum vs. temperature and far-field pattern

