

Optically Immersed 7.0 μm LED in heat-sink optimized housing				OPLED70	
Peak wavelength	λ_{max}	μm	6.5÷7.0		
Pulsed power at I=1 A	P_{pulsed}	μW	5÷10		
CW power at I=100 mA	P_{CW}	μW	1÷1.8		
Switching time	τ	ns	≤50		

Code	Emission size, mm	Lens material	Far-field pattern FWHM, deg.	Operation (storage) conditions, °C	Polarity
OPLED70	Ø 3.3	CdSb	≤40	-25÷+40	short leg or key is negative



- ✓ All devices are stressed at I=100 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.

