



IR S-LED 4.7μm



| Optically Immersed 4.7 μm LED | | | IR S-LED 4.70 |
|-------------------------------|-----------------|----|---------------|
| Peak wavelength | λ_{max} | μm | 4.7±0.5 |
| Pulsed power at I=1 A | P_{pulsed} | μW | 25±5 |
| CW power at I=200 mA | P_{CW} | μW | 5±1 |
| Switching time | τ | ns | ≤20 |

| Lens material | Far-field pattern FWHM, deg. | Optical axis deviation, deg | Operation (storage) conditions, °C |
|-----------------------------|------------------------------|-----------------------------|------------------------------------|
| Si | ≤20 | ≤7 | -25/+60 (+80) |
| Si lens and sapphire window | | | |

