

LED
445.321
(closed book)

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4/19/8, 1:00-2:15

1. (10) LED 1907 Round가
가
2. (10) LED GaP LED
가
3. (20) Kroemer Alferov
heterojunction
Kilby 2000 Recombination rate가 가
(forward bias)
4. (20) Double Heterostructure Carrier loss carrier overflow
460 nm LED
2
5. (10) LED FWHM Density of state
1.8 kT 540 nm LED FWHM nm 가?
6. (10) LED p-doping , n-cladding p-
cladding LED
7. (20) LED
가 가 가
가 Junction temperature
가 가?