

CHAPTERS

Coherent Sources

Incoherent Sources

Quantum Electronics

Drivers/Mounts

Accessories

SECTIONS

Mounted LEDs

Unmounted LEDs

SLDs

ASE Sources

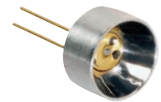
Lamps

Optical Amplifiers

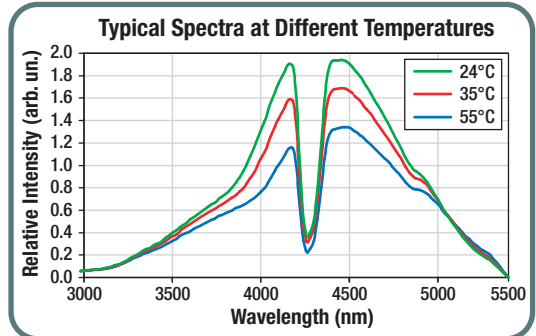
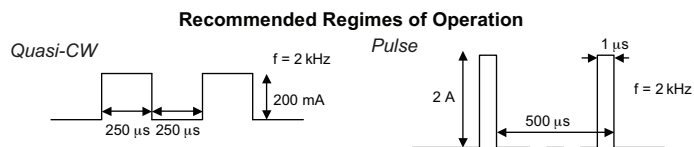
For current pricing,
please see our website.

$\lambda = 4500 \text{ nm}$, $P = 6 \mu\text{W}$ LED

- LED with Parabolic Reflector
- TO-18R Package



CHARACTERISTIC ($T_a = 25^\circ\text{C}$)	MIN	TYPICAL	MAX
Peak Wavelength	4400 nm	4500 nm	4600 nm
Optical Power (0.2 A Pulse)	4 μW	6 μW	8 μW
Optical Power (2A Pulse)	100 μW	120 μW	140 μW
Spectral Half Width	—	550 nm	—
Switching Time	10 ns	30 ns	50 ns



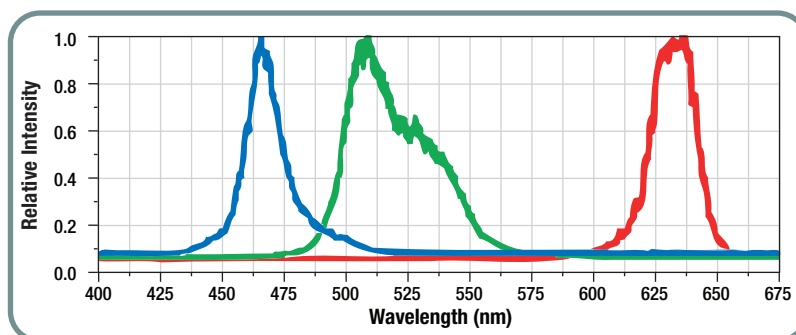
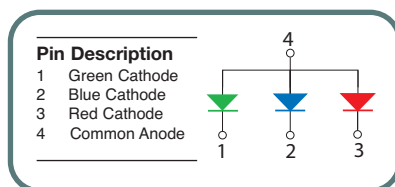
ITEM #	\$	£	€	RMB	DESCRIPTION
LED4600P	\$ 229.00	£ 164.88	€ 199,23	¥ 1,825.13	LED with Parabolic Reflector, 4500 nm, 6 μW , TO-18R

RGB, $P = 5.8 \text{ mW}$, 3.1 mW , and 6.2 mW LED

CHARACTERISTIC ($T_a = 25^\circ\text{C}$)	MIN (R,G, & B)	TYPICAL (R,G, & B)	MAX (R,G, & B)
Peak Wavelength	619.5 / 515 / 459.5 nm	627.5 / 525 / 467.5 nm	635.5 / 535 / 475.5 nm
Optical Power @ 20 mA, CW	—	5.8 / 3.1 / 6.2 mW	—
Spectral Half Width	—	10 / 18 / 7.5 nm	—
Viewing Full Angle	—	50°	—
Forward Current	—	—	50 mA
Pulsed Forward Current	—	—	—
Reverse Voltage	—	—	5 V
Forward Voltage @ 20 mA	—	2.0 / 3.2 / 3.2 V	2.4 / 3.6 / 3.6 V
Operating Temperature	—30 °C	—	85 °C
Storage Temperature	—30 °C	—	100 °C

- Red, Green, and Blue LEDs Packaged Together (Can be Operated Separately)
- Epoxy Lens, 50° Viewing Full Angle
- T-1 3/4 Package

Sold in
Packages
of 5



ITEM #	\$	£	€	RMB	DESCRIPTION
LEDRGBE	\$ 29.00	£ 20.88	€ 25,23	¥ 231.13	Epoxy-Encased RGB LEDs, T-1 3/4 (Qty. 5)

Have you seen our...

RGB SM
Fiber
Coupler



Input Wavelengths

- 485 nm
- 535 nm
- 640 nm

See page 1117