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SLDs

ASE Sources

Lamps

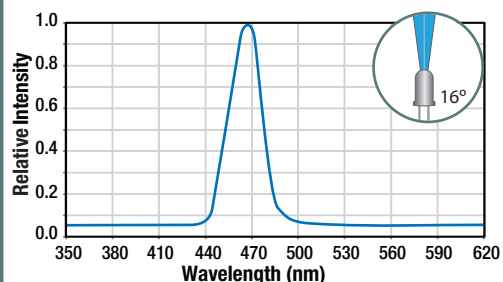
Optical Amplifiers

 $\lambda = 465 \text{ nm}$, $P = 20.0 \text{ mW}$ LED

■ Epoxy Lens, 16° Viewing Full Angle

■ TO-1 3/4 Package

CHARACTERISTIC ($T_a = 25^\circ\text{C}$)	MIN	TYPICAL	MAX
Peak Wavelength	455 nm	465 nm	475 nm
Optical Power @ 20 mA, CW	—	20.0 mW	—
Spectral Half Width	—	12.5 nm	—
Viewing Full Angle	—	16°	—
Forward Current	—	—	50 mA
Reverse Voltage	—	—	5.0 V
Forward Voltage @ 20 mA	—	3.2 V	4.0 V
Operating Temperature	-30 °C	—	85 °C
Storage Temperature	-30 °C	—	100 °C

Sold in
Packages of 5

ITEM #	\$	£	€	RMB	DESCRIPTION
LED465E	\$ 22.00	£ 15.84	€ 19,14	¥ 175.34	Epoxy-Encased LED, 465 nm, 20.0 mW, T-1 3/4 (Qty. 5)

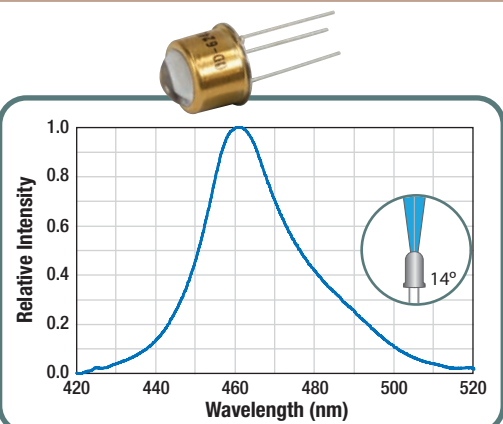
 $\lambda = 470 \text{ nm}$, $P = 170 \text{ mW}$ LED

■ Glass Lens, 14° Viewing Full Angle

■ TO-39 Package

CHARACTERISTIC ($T_a = 25^\circ\text{C}$)	MIN	TYPICAL	MAX
Peak Wavelength	465 nm	470 nm	475 nm
Optical Power @ 350 mA, CW	80 mW	170 mW	—
Spectral Half Width	—	11 nm	—
Viewing Full Angle	—	14°	—
Forward Current	—	—	350 mA
Pulsed Current*	—	—	2.0 V
Reverse Voltage	—	—	10.0 V
Forward Voltage @350 mA	—	3.2 V	3.8 V
Operating Temperature	-50 °C	—	100 °C
Storage Temperature	-50 °C	—	100 °C

*0.1 ms Pulse with 10% Duty Cycle



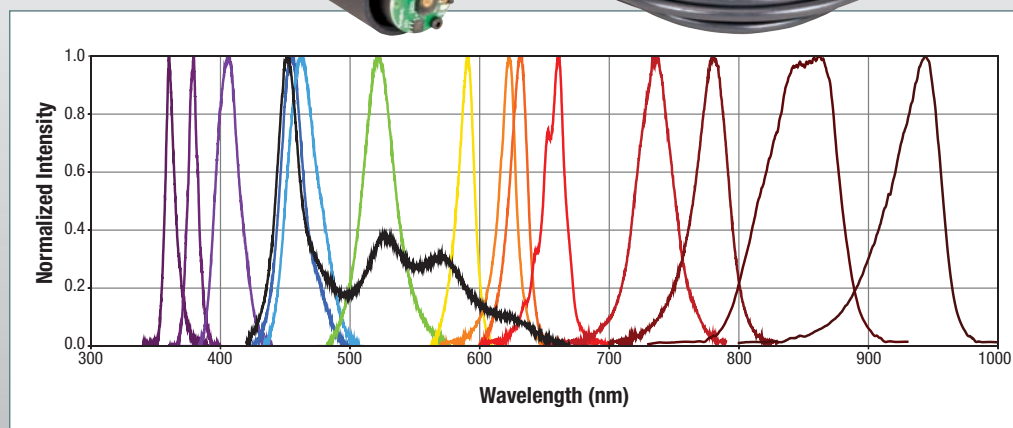
ITEM #	\$	£	€	RMB	DESCRIPTION
LED470L	\$ 55.84	£ 40.20	€ 48,58	¥ 445.04	LED with Glass Lens, 470 nm, 170 mW, TO-39

Have you seen our...

Mounted LED Sources

UV, VIS, and NIR Models

- ◆ 365 nm, 360 mW
- ◆ 385 nm, 430 mW
- ◆ 405 nm, 760 mW
- ◆ 455 nm, 1020 mW
- ◆ 470 nm, 950 mW
- ◆ 530 nm, 400 mW
- ◆ 590 nm, 190 mW
- ◆ 617 nm, 570 mW
- ◆ 625 nm, 650 mW
- ◆ 660 nm, 640 mW
- ◆ 735 nm, 380 mW
- ◆ 780 nm, 420 mW
- ◆ 850 nm, 450 mW
- ◆ 940 nm, 460 mW
- ◆ Cold White, 700 mW



Selection starts on page 1319