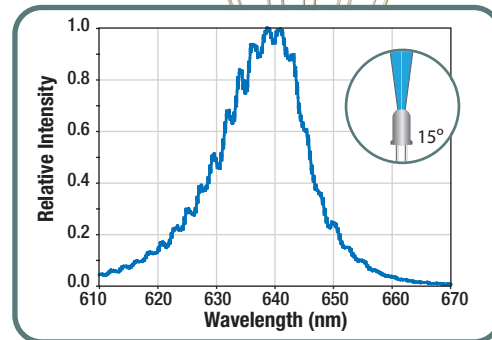


$\lambda = 639 \text{ nm}$, $P = 7.2 \text{ mW}$ LED

- Epoxy Lens, 15° Viewing Full Angle
- T-1 3/4 Package

CHARACTERISTIC ($T_a = 25^\circ\text{C}$)	MIN	TYPICAL	MAX
Peak Wavelength	629 nm	639 nm	649 nm
Optical Power @ 20 mA, CW	–	7.2 mW	–
Spectral Half Width	–	8.5 nm	–
Viewing Full Angle	–	15°	–
Forward Current	–	–	50 mA
Pulsed Forward Current	–	–	–
Reverse Voltage	–	–	5 V
Forward Voltage @ 20 mA	–	2.0 V	2.5 V
Operating Temperature	-40 °C	–	100 °C
Storage Temperature	-40 °C	–	120 °C

Sold in
Packages of 5


ITEM #	\$	£	€	RMB	DESCRIPTION
LED630E	\$ 13.25	£ 9.54	€ 11.53	¥ 105.60	Epoxy-Encased LED, 639 nm, 7.2 mW, T-1 3/4 (Qty. 5)

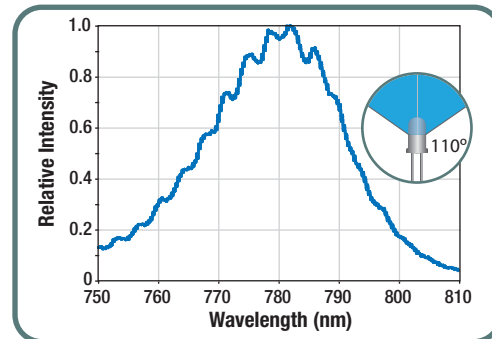
$\lambda = 780 \text{ nm}$, $P = 6 \text{ mW}$ LED

- LED with Integrated Photodiode
- TO-18 Package

CHARACTERISTIC ($T_a = 25^\circ\text{C}$)	MIN	TYPICAL	MAX
Peak Wavelength	765 nm	780 nm	795 nm
Optical Power @ 20 mA, CW	–	6 mW	–
Spectral Half Width	–	17.5 nm	–
Viewing Full Angle	–	110°	–
Forward Current	–	–	100 mA
Pulsed Forward Current*	–	–	500 mA
Reverse Voltage	–	–	5 V
Forward Voltage @ 20 mA	–	–	2.0 V
Operating Temperature	-30 °C	–	85 °C
Storage Temperature	-30 °C	–	100 °C
Rise/Fall Time	–	60/40 ns	–

*0.1 ms Pulse with 10% Duty Cycle

ITEM #	\$	£	€	RMB	DESCRIPTION
LED781M	\$ 34.00	£ 24.48	€ 29.58	¥ 270.98	LED with Integrated Photodiode, 780 nm, 6 mW, TO-18

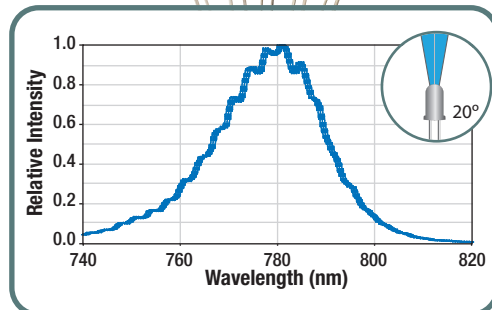


$\lambda = 780 \text{ nm}$, $P = 18 \text{ mW}$ LED

- Epoxy Lens, 20° Viewing Full Angle
- T-1 3/4 Package

CHARACTERISTIC ($T_a = 25^\circ\text{C}$)	MIN	TYPICAL	MAX
Peak Wavelength	770 nm	780 nm	790 nm
Optical Power @ 20 mA, CW	–	18 mW	–
Spectral Half Width	–	15 nm	–
Viewing Full Angle	–	20°	–
Forward Current	–	–	100 mA
Pulsed Forward Current*	–	–	500 mA
Reverse Voltage	–	–	5 V
Forward Voltage @ 20 mA	–	1.75 V	1.95 V
Operating Temperature	-30 °C	–	85 °C
Storage Temperature	-30 °C	–	100 °C
Rise/Fall Time	–	80/80 ns	–

*0.1 ms Pulse with 10% Duty Cycle

Sold in
Packages of 5


ITEM #	\$	£	€	RMB	DESCRIPTION
LED780E	\$ 26.00	£ 18.72	€ 22.62	¥ 207.22	Epoxy-Encased LED, 780 nm, 18 mW, T-1 3/4 (Qty. 5)