

NEW

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WARNING

This UV LED radiates intense UV light during operation. Do not expose any part of a human body to UV light. This can be harmful especially to the eyes and skin.

$\lambda = 275 \text{ nm}$, $P = 0.8 \text{ mW}$ LED

- UVTOP® UV LED with Window
- TO-39 Package

CHARACTERISTIC (Ta = 25 °C)	MIN	TYPICAL	MAX
Peak Wavelength	270 nm	275 nm	280 nm
Optical Power @ 20 mA, CW	0.48 mW	0.8 mW	–
Spectral Half Width	–	6 nm	7.5 nm
Viewing Full Angle	–	120°	–
Forward Current	–	–	30 mA
Pulsed Forward Current*	–	–	200 mA
Reverse Voltage	–	–	6.0 V
Forward Voltage @ 20 mA	–	6.2 V	7.5 V
Operating Temperature	-30 °C	–	55 °C
Storage Temperature	-30 °C	–	100 °C

*1 ms Pulse with 1% Duty Cycle

ITEM #	\$	£	€	RMB	DESCRIPTION
LED275W	\$ 272.00	£ 195.84	€ 236,64	¥ 2,167.84	UVTOP® UV LED with Window, 275 nm, 0.8 mW, TO-39

$\lambda = 285 \text{ nm}$, $P = 0.80 \text{ mW}$ LED

- UVTOP® UV LED with Window
- TO-39 Package

CHARACTERISTIC (Ta = 25 °C)	MIN	TYPICAL	MAX
Peak Wavelength	280 nm	285 nm	290 nm
Optical Power @ 20 mA, CW	0.48 mW	0.80 mW	–
Spectral Half Width	–	6 nm	7.5 nm
Viewing Full Angle	–	120°	–
Forward Current	–	–	30 mA
Pulsed Forward Current*	–	–	200 mA
Reverse Voltage	–	–	6.0 V
Forward Voltage @ 20 mA	–	5.8 V	7.0 V
Operating Temperature	-30 °C	–	55 °C
Storage Temperature	-30 °C	–	100 °C

*1 ms Pulse with 1% Duty Cycle

ITEM #	\$	£	€	RMB	DESCRIPTION
LED285W	\$ 198.00	£ 142.56	€ 172,26	¥ 1,578.06	UVTOP® UV LED with Window, 285 nm, 0.80 mW, TO-39

$\lambda = 290 \text{ nm}$, $P = 0.8 \text{ mW}$ LED

- UVTOP® UV LED with Window
- TO-39 Package

CHARACTERISTIC (Ta = 25 °C)	MIN	TYPICAL	MAX
Peak Wavelength	285 nm	290 nm	295 nm
Optical Power @ 20 mA, CW	0.48 mW	0.80 mW	–
Spectral Half Width	–	6 nm	7.5 nm
Viewing Full Angle	–	120°	–
Forward Current	–	–	30 mA
Pulsed Forward Current*	–	–	200 mA
Reverse Voltage	–	–	6.0 V
Forward Voltage @ 20 mA	–	5.8 V	7 V
Operating Temperature	-30 °C	–	55 °C
Storage Temperature	-30 °C	–	100 °C

*1 ms Pulse with 1% Duty Cycle

ITEM #	\$	£	€	RMB	DESCRIPTION
LED290W	\$ 226.00	£ 162.72	€ 196,62	¥ 1,801.22	UVTOP® UV LED with Window, 290 nm, 0.8 mW, TO-39

