

UV-LEDs

These lead free reflow solderable, RoHS conform SMD-devices provide a low level of internal fluorescence for low background radiant sources.

Series 400

The package family **OCU-400** meets the requirements of low power applications with electrical power dissipation max. 80 mW. Available wavelengths are in the range of 375 and 440 nm.



Part No.	measured at Iv	peak. Wavelength		expect typ. Optical Power	Data sheets
		min	max		
OCU-400 UA370-X-T	20mA	370nm	375nm	3.0mW	on request
OCU-400 UA375-X-T	20mA	375nm	380nm	3.0mW	Download
OCU-400 Ux380-X-T	20mA	380nm	385nm	4.0mW	on request
OCU-400 Ux385-X-T	20mA	385nm	390nm	5.0mW	on request
OCU-400 Ux390-X-T	20mA	390nm	395nm	6.0mW	on request
OCU-400 Ux395-X-T	20mA	395nm	400nm	6.0mW	on request
OCU-400 UE400-X-T	20mA	400nm	405nm	8.0mW	Download
OCU-400 UE405-X-T	20mA	405nm	410nm	8.0mW	on request
OCU-400 UE410-X-T	20mA	410nm	415nm	8.0mW	Download
OCU-400 UE415-X-T	20mA	415nm	420nm	8.0mW	Download
OCU-400 UE420-X-T	20mA	420nm	425nm	8.0mW	on request
OCU-400 UE425-X-T	20mA	425nm	430nm	8.0mW	on request
OCU-400 UE430-X-T	20mA	430nm	435nm	8.0mW	on request
OCU-400 UE435-X-T	20mA	435nm	440nm	8.0mW	on request

Note: Bold means major parts



Series 440

The package family **OCU-440** enables high power applications up to 1.5 W electrical power dissipation. At present the available wavelengths are between 365 and 420 nm.

Part No.	measured at Iv	peak. Wavelength		expect typ. Optical Power	Data sheets
		min	max		
OCU-440 UE365-X-T	350mA	365nm	370nm	70mW	Download
OCU-440 Ux370-X-T	350mA	370nm	375nm	70mW	on request
OCU-440 Ux375-X-T	350mA	375nm	380nm	100mW	on request
OCU-440 UE380-X-T	350mA	380nm	385nm	180mW	Download
OCU-440 Ux385-X-T	350mA	385nm	390nm	180mW	on request
OCU-440 UE390-X-T	350mA	390nm	395nm	200mW	Download
OCU-440 Ux395-X-T	350mA	395nm	400nm	200mW	on request
OCU-440 UE400-X-T	350mA	400nm	405nm	250mW	Download
OCU-440 Ux405-X-T	350mA	405nm	410nm	250mW	on request
OCU-440 Ux410-X-T	350mA	410nm	415nm	250mW	on request
OCU-440 Ux415-X-T	350mA	415nm	420nm	250mW	on request

Note: Bold means major parts

Typical applications are

- Spectroscopy and excitation sources
- Detection of fluorescence materials
- Curing of glue
- Drying of photosensitive materials
- Photochemical processes