

UV LEDs OUE8 Series

OUE8A Series UV LEDs



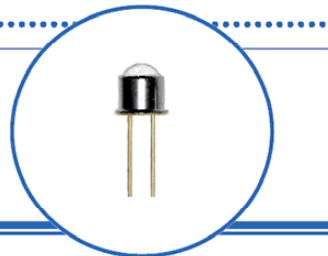
- Rugged TO46 Hermetic Sealed Metal Package
- Wavelengths 375nm to 425nm
- Longer Life/Lower Power Consumption Than Traditional UV Light Sources
- Built In ESD Protection

Ultraviolet (UV) Metal Can LED OUE8A Series



Features:

- Peak Wavelengths from 380 nm to 425 nm
- Uniform Optical Light Pattern
- High Pulse Current
- Hermetic TO-46 Metal Can Package
- RoHs Compliant—No Mercury
- ESD Protected



The **OUE8A Series** offers an energy-efficient hermetic TO-46 metal can packaged UV LED source providing a uniform optical light pattern, high current pulse capability, ESD protection and a long operating lifespan. Devices have a 18° typical emission angle with peak wavelengths from 375 nm to 425 nm. In order to meet critical wavelength requirements of the industry, the **OUE8A Series** is divided into groups each with a total wavelength range of only 5 nm. Each wavelength range is subdivided into optical power output ranges from a minimum of 1.8 mW to over 17.0 mW based on power out specifications listed below.

Markets and Applications

Currency/Document Verification

Phototherapy

Dental Curing

UV Spectroscopy

Photo-Catalyst Curing (Inks, Coatings, Adhesives)

Forensics



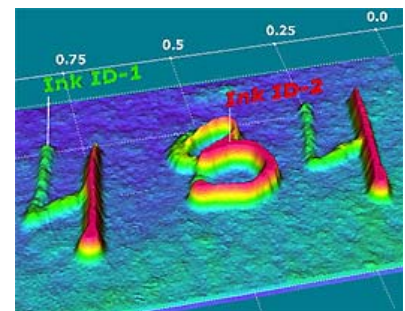
Currency Validation



Photo-Catalyst Curing



Forensic UV Lamp



Document Verification