QUALITY SERVICE INNOVATION

QuasarBrite™
UltraViolet LEDs

RoHS Compliant

Lumex QuasarBrite UV LEDs™

Lumex's new family of UV LEDs offer enhanced durability with their robust TO-46 packaging and glass lens. Through this innovative design, Lumex's UV LEDs experience less degradation over the lifespan of the LED (approximately 50,000 hours), which in turn provides enhanced product performance. Lumex's competitively priced QuasarBrite UV LED's are ideal for a wide range of applications including medical devices, industrial controls and forensic applications.

Features:

- Available in 385nm, 405nm and 415nm wavelengths at 4-6mW
- Longer lifespan; greater than 50,000 hours
- TO-46 package, with glass lens in a through-hole format
- Alternate wavelengths are available

Applications:

- Bacterial and Superficial Sterilization
- Ink fluorescing
- Biohazard detection
- Phototherapy
- Dental equipment
- Dermatology equipment
- Counterfeit detection
- Forensic analysis of bodily fluids

Markets:

- Medical Devices
- Industrial Controls
- Forensic Applications

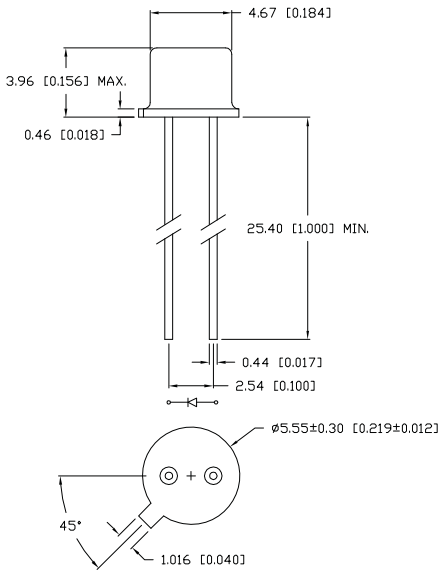
LUMEX®
Creating LED and LCD Solutions Together™

www.lumex.com 800.278.5666

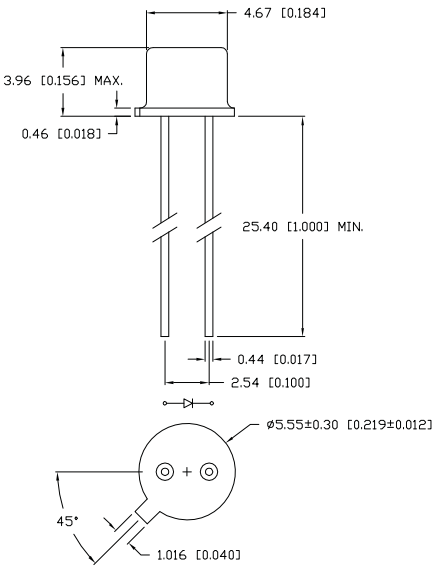
QuasarBrite™ UV LED Series

QuasarBrite UV LED SSL-LXTO46UVxC Series							
PN	Emitted Color	Chip Material	Peak Wavelength (nm)	Lens Type	Typ. Vf	If (mA)	Typ. Power Output @ 20mA
SSL-LXTO46UV1C	UltraViolet	InGaN	385	Water Clear Glass	3.3	2.0	4.0 mW
SSL-LXTO46UV2C	UltraViolet	InGaN	405	Water Clear Glass	3.7	2.0	6.0 mW
SSL-LXTO46UV3C	UltraViolet	InGaN	415	Water Clear Glass	3.3	2.0	6.0 mW

SSL-LXTO46UV1C



SSL-LXTO46UV2C



SSL-LXTO46UV3C