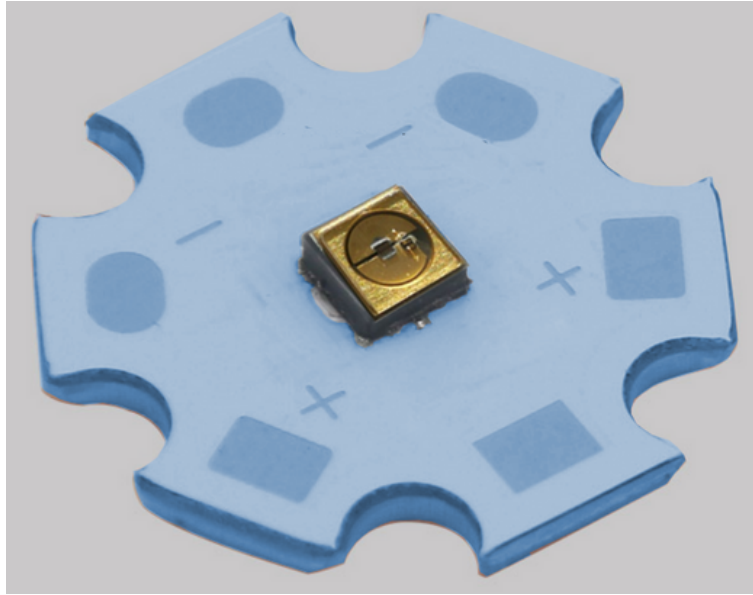
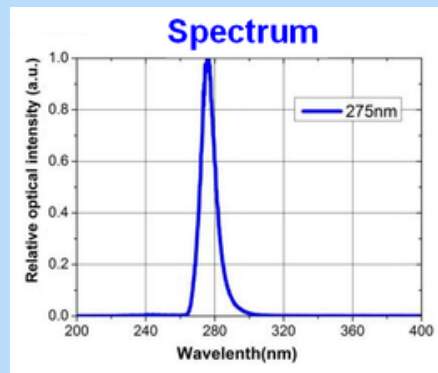
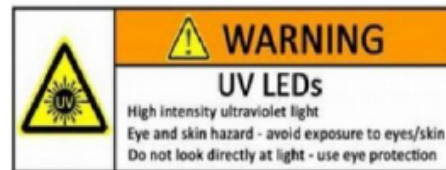


E275-3-S (SOLDERED TO STAR BOARD)



SPECIFICATIONS

- Definition: **E275-3-S (soldered to star board)**
- Package: SMD 3535
- Peak: Wavelength: 270-280 nm
- Radiant Flux: 3-6 mW
- Forward Voltage: 5.0 - 7.0 V
- Spectrum Half Width: 10-12 nm
- View Angle: 130
- Optical Output Power Grade at 6V: 20mA-3mW, 30mA-4mW, 50mA-6mW Constant Current
- Rating: T=25°C, IF=40mA
- Life Hours:10,000

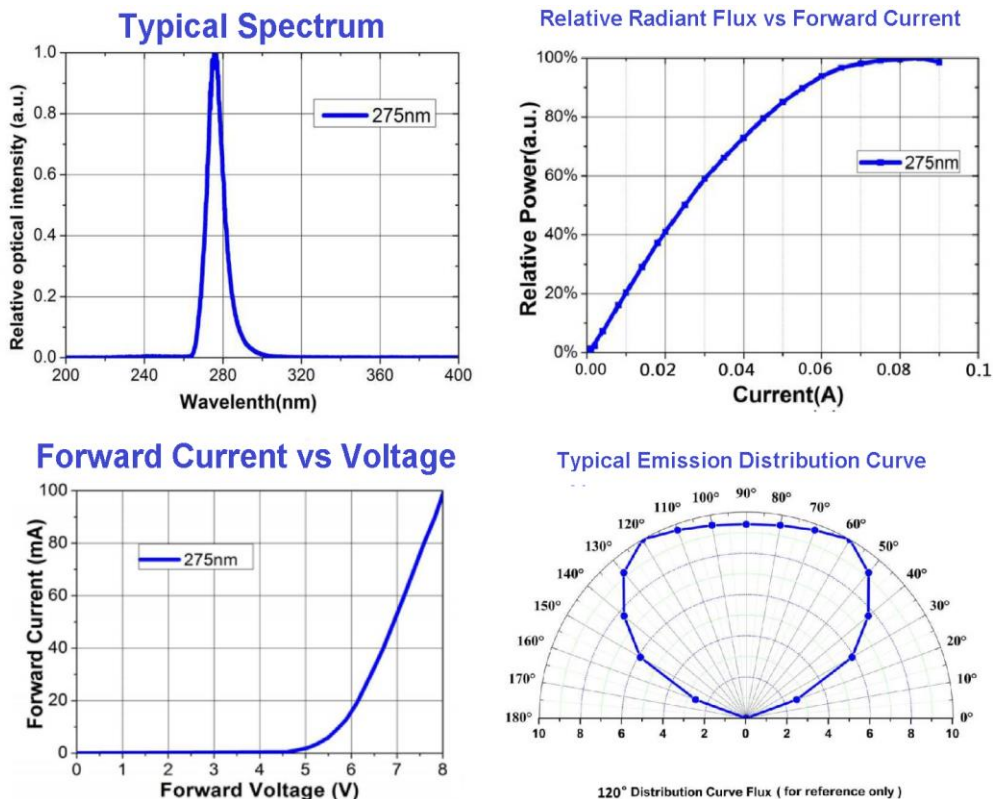


NOTES FOR E275-3-S

- Do not touch the LED, contact will deposit oils that effect the normal operation/life.
- Power: Reversing polarity may damage the device, confirm the positive and negative,
- Strictly operate in accordance with electrical parameters, higher voltage will cause damage/degradation.
- Optical Hazard Risk: Avoid exposure to skin and eyes.
- Heat Sink Required: Use a 1.6 thick 20 mm copper based heat sink or better.
- Power supply is not included.

3. E275-3-S star board mounted led
 Peak Wavelength: 270-280nm
 Radiant Flux: 3-6 mW
 Forward Voltage: 5-7V
 Spectrum Half Width: 10-12 nm, 14 nm Max
4. View Angle: 120 - 130°
 Optical Output Power Grade at 6V/ Constant current: 20mA -3mW, 30mA- 4 mW, 50mA- 6mW
 Optical power +/- 10%
 Voltage measurement tolerance: +/- 0.1V
 Pulsed Operation: 1 KHz cycle- 5%, Max current 300mA

5. Typical Curves:



6. Installation and Handling

Storage: LEDs should be kept at 10 to 50°C and 30 to 65% RH (Relative Humidity). Hermetic sealing is recommended, reseal after opening to prevent oxidation.

Handling:

Avoid touching the LED with bare hands. Use anti static gloves or finger cots when handling LEDs. Working surface should be clean, and well grounded. Include proper anti static protection.