

| Part Number | Package | Material | Color | Dominant λ D | Lens Color | I_V at $I_F=mA/Typ$ | Viewing Angle (Degrees) | V_F (Typ) | RoHS |
|-------------|-----------------------|----------|-------|----------------------|------------|-----------------------|-------------------------|-------------|------|
| OPA741G23 | 12W Light Ring w/Lens | InGaN | Green | 530 nm | Clear | 700/490 lm | 23° | 21.6 | ✓ |

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OPA741 Series

12 Watt Light Ring on

OptoTherm Linear Heat Spreader with Lens



OPA741 Series

- 12, 1 watt LEDs per cylindrical substrate
- Mono-color per strip (Blue, Green, Red, Yellow, White)
- Component beam angle 23°
- Universal connector (Tyco 2-292173-2 mates with 173977-2)
- RoHS Compliant

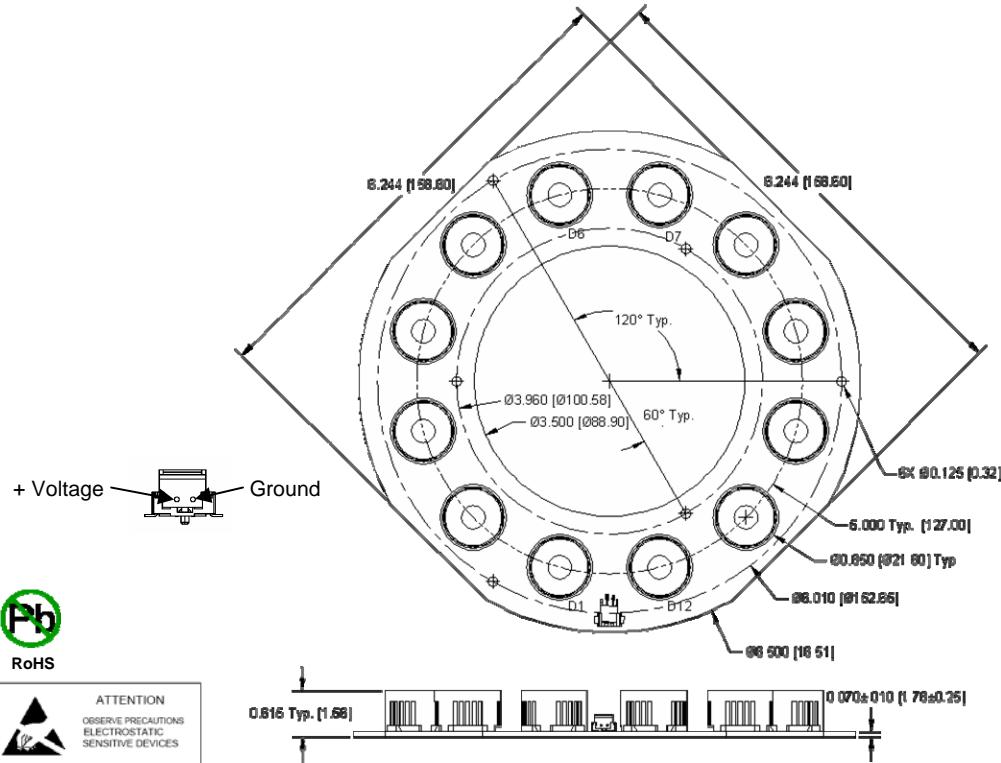


The **OPA741** Series are designed for areas where lighting intensity and reliability are essential. The light beam angle of 23° is ideal for illuminating areas close or a long distances from the device while requiring minimal space. A High Performance Heat Spreader (HPHS) is used to ensure the best heat dissipation of any light assembly in the industry.

For custom colors and design contact your OPTEK representative.

Electrical / Optical Characteristics: $T_A=25^\circ\text{C}$, $I_F=700\text{mA}$

| Part Number | Typical Forward Voltage (V) | Luminous Flux (lm) | Beam Angle | Color | Dominant Wavelength |
|-------------|-----------------------------|--------------------|------------|--------|---------------------|
| OPA741Y23 | 15.0 | 357 | 23° | Yellow | 587 nm |
| OPA741B23 | 21.6 | 92 | | Blue | 470 nm |
| OPA741G23 | 21.6 | 490 | | Green | 530 nm |
| OPA741R23 | 15.0 | 265 | | Red | 625 nm |
| OPA741W23 | 21.6 | 490 | | White | 6,500°K |



OPA741

See OVSP_BCR4 for component specifications



RoHS



OPTEK reserves the right to make changes at any time in order to improve design and to supply the best product possible.

**DO NOT LOOK DIRECTLY AT LED
WITH UNSHIELDED EYES OR
DAMAGE TO RETINA MAY
OCUR.**