

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	√

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



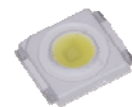
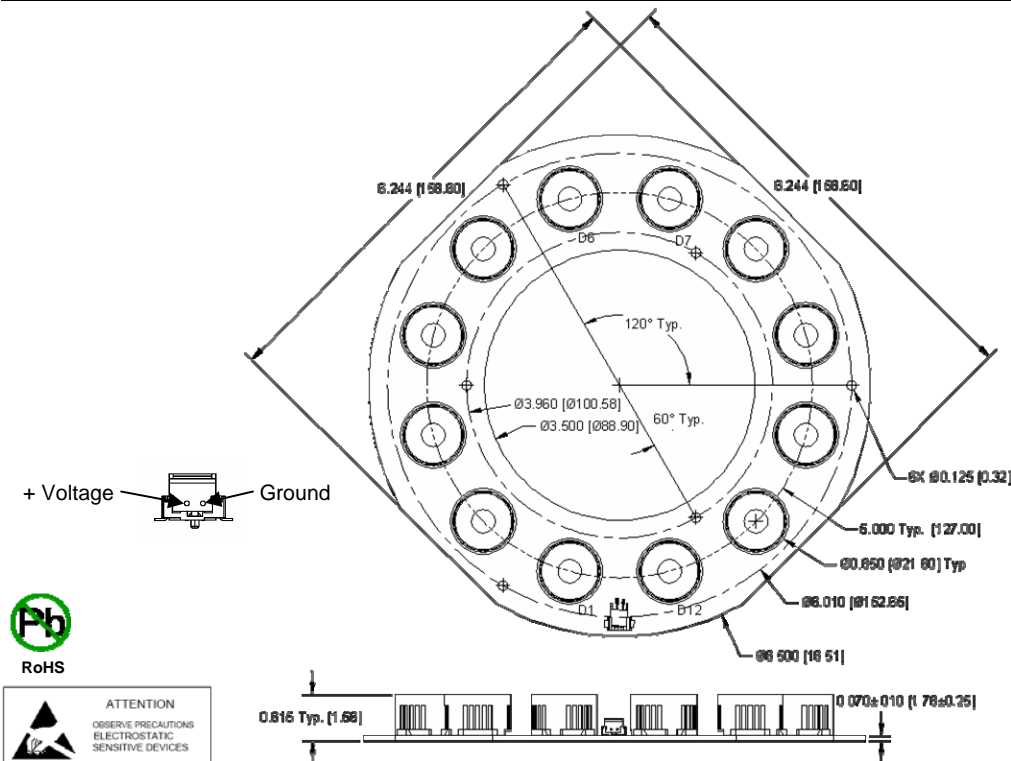
OPA741_ (23° Beam Angle)

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

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

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