

Part Number	Package	Material	Color	Dominant λ_D	Lens Color	I_V at $I_F=mA/Typ$	Viewing Angle (Degrees)	V_F (Typ)	RoHS
OPA730B	12W Light Ring	InGaN	Blue	470 nm	Clear	700/108 lm	120°	21.6	✓
OPA730BD	12W Light Ring	InGaN	Blue	470 nm	Clear	700/108 lm	40°	21.6	✓

OPA730 Series

12 Watt Light Ring on

OptoTherm Linear Heat Spreader

OPA730 Series

- 12, 1 watt LEDs per ring
- Mono-color per strip (Blue, Green, Red, Yellow, White)
- Two component beam angle options (120° or 40°)
- Universal connector (Tyco 2-292173-2 mates with 173977-2)
- RoHS Compliant

OPA730_ (120° Beam Angle)



OPA730_D (40° Beam Angle)



The **OPA730** Series are designed for areas where lighting intensity and reliability are essential. The light beam angles of 40° and 120° are ideal for illuminating small and medium size areas 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.

OptoTherm is designed to be the optimum material for distribution of heat for high power devices.

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
OPA730Y	15.0	420	120°	Yellow	587 nm
OPA730B	21.6	108		Blue	470 nm
OPA7309G	21.6	576		Green	530 nm
OPA730R	15.0	312		Red	625 nm
OPA730W	21.6	576		White	6,500°K
OPA730YD	15.0	420	40°	Yellow	587 nm
OPA730BD	21.6	108		Blue	470 nm
OPA730GD	21.6	576		Green	530 nm
OPA730RD	15.0	312		Red	625 nm
OPA730WD	21.6	576		White	6,500°K

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

RoHS

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

