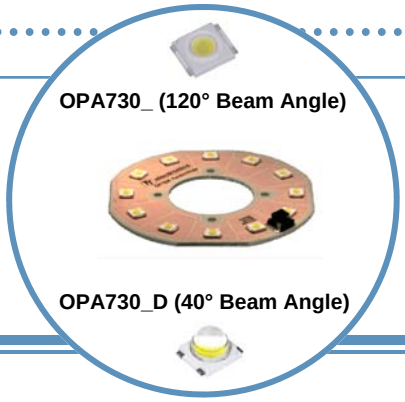
Part Number	Package	Material	Color	Dominant λD	Lens Color	I_V at I_F=mA/Typ	Viewing Angle (Degrees)	V_F (Typ)	RoHS
OPA730Y	12W Light Ring	AlInGaP	Yellow	587 nm	Clear	700/420 lm	120°	15	√
OPA730YD	12W Light Ring	AlInGaP	Yellow	587 nm	Clear	700/420 lm	40°	15	√

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



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.

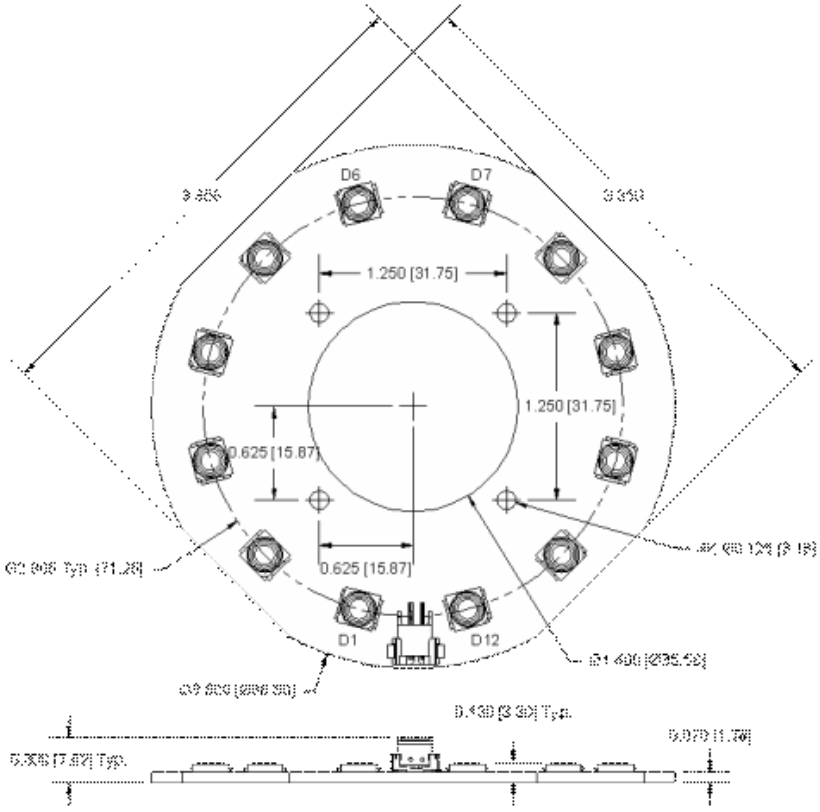
Electrical / Optical Characteristics: T_A=25°C, I_F=700mA

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

OPA730 Series
12 Watt Light Ring on OptoTherm Linear Heat Spreader



OPA730_

See OVSP_BCR4 for component specifications

OPA730_D

See OVSP_4CR44 for component specifications