

Part Number	Package	Material	Color	Dominant λ_D	Lens Color	I_V at $I_F=mA/Typ$	Viewing Angle (Degrees)	V_F (Typ)	RoHS
OPA740R23	10W Light Bar w/Lens	AlInGaP	Red	625 nm	Clear	700/221 lm	23°	12.5	√

OPA740 Series

10 Watt Light Bar on

OptoTherm Linear Heat Spreader

OPA740 Series

- 10-1 watt LED on Linear substrate with 23° Lens
- Mono-color per strip (Blue, Green, Red, Yellow, White)
- Component beam angle 120°
- Universal connector (Tyco 2-292173-2 mates with 173977-2)
- Power connected to either end
- RoHS Compliant



OPA740_ (23° Lens)

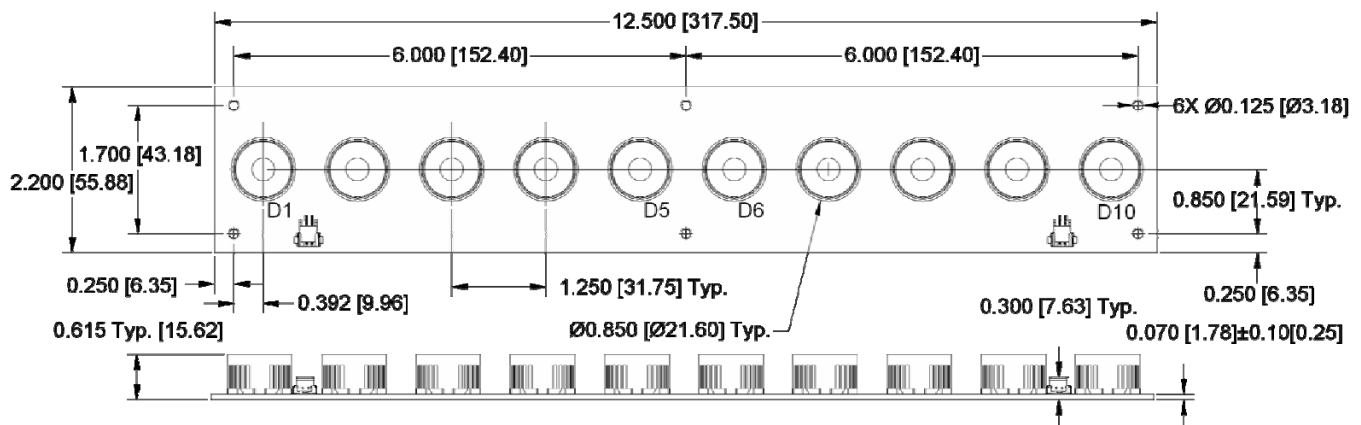
The **OPA740** Series are designed for areas where lighting intensity and reliability are essential. The light beam angle of 23° is ideal for illuminating areas close or a long distances from the device while requiring minimal space. A High Performance Heat Spreader (HPHS) is used to ensure the best heat dissipation of any light assembly in the industry.

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

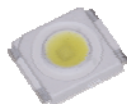
For custom colors and design contact your OPTEK representative.

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
OPA740Y23	12.5	297	23°	Yellow	587 nm
OPA740B23	18.0	76		Blue	470 nm
OPA740G23	18.0	408		Green	530 nm
OPA740R23	12.5	221		Red	625 nm
OPA740W23	18.0	408		White	6,500°K



+ Voltage Ground



OPA740_

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.