

Part Number	Package	Material	Color	Dominant λ D	Lens Color	I_v at I_f =mA/Typ	Viewing Angle (Degrees)	V_f (Typ)	RoHS
OPA739W	3W Light Bar	InGaN	White	5000°K to 7000°K	Clear	144/10.8 lm	120°	10.8	✓
OPA739WD	3W Light Bar	InGaN	White	5000°K to 7000°K	Clear	144/10.8 lm	60°	10.8	✓

OPA739 Series

3 Watt Light Bar on OptoTherm Heat Spreader



OPA739 Series

- 3-1 watt LED on square substrate
- 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

OPA739_ (120° Beam Angle)



OPA739_D (40° Beam Angle)



The **OPA739** 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: $T_A=25^{\circ}\text{C}$, $I_F=350\text{mA}$

Part Number	Typical Forward Voltage (V)	Luminous Flux (lm)	Beam Angle	Color	Dominant Wavelength
OPA739Y	7.5	105	120°	Yellow	587 nm
OPA739B	10.8	27		Blue	470 nm
OPA739G	10.8	144		Green	530 nm
OPA739R	7.5	78		Red	625 nm
OPA739W	10.8	144		White	6,500°K
OPA739YD	7.5	105	40°	Yellow	587 nm
OPA739BD	10.8	27		Blue	470 nm
OPA739GD	10.8	144		Green	530 nm
OPA739RD	7.5	78		Red	625 nm
OPA739WD	10.8	144		White	6,500°K



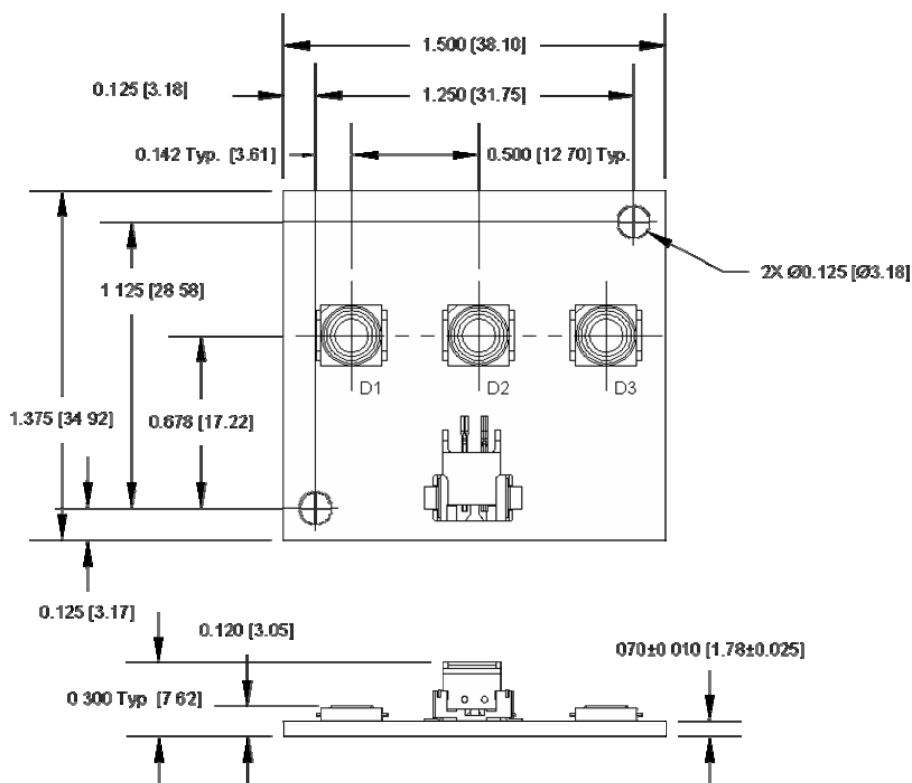
**DO NOT LOOK DIRECTLY AT LED
WITH UNSHIELDED EYES OR
DAMAGE TO RETINA MAY
OCCUR.**

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

OPA739 Series

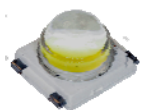
3 Watt Light Bar on

OptoTherm Heat Spreader



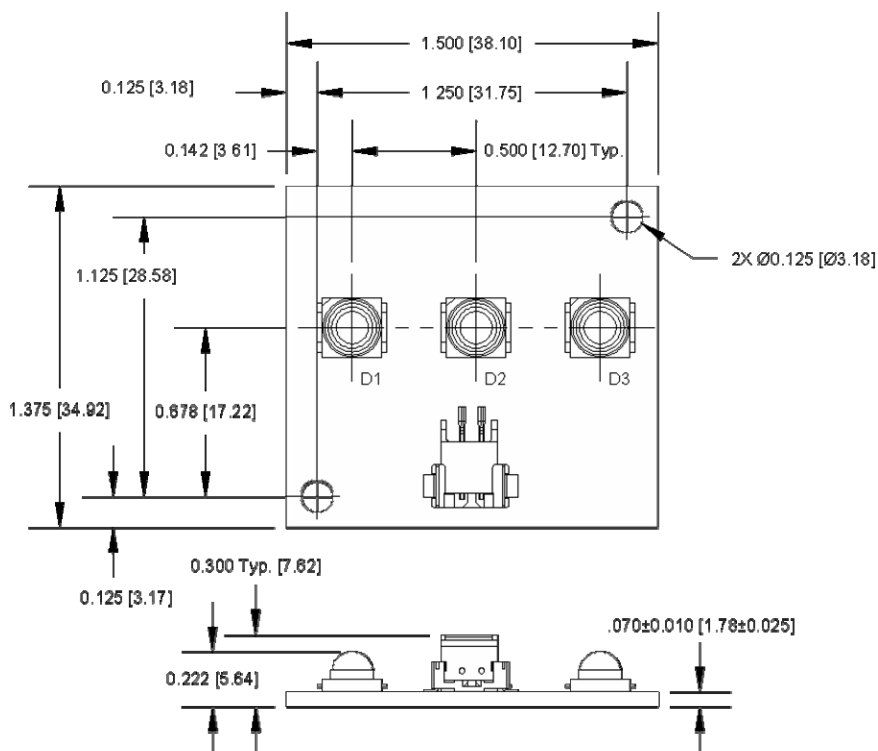
OPA739_

See OVSP_BCR4 for component specifications



OPA739_D

See OVSP_4CR44 for component specifications



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