

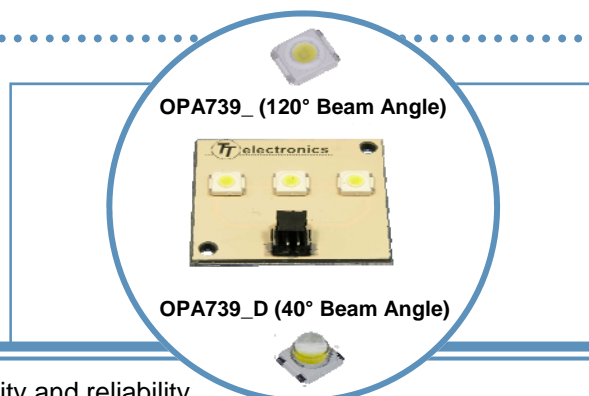
# OPA739 Series

## 3 Watt Light Bar on Another 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

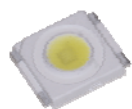


The **OPA739** Series are designed for areas where lighting intensity and reliability are essential. The light beam angles of 40° and 120° are ideal for illuminating small and medium size areas while requiring minimal space. A patented substrate is used to ensure the best heat dissipation of any light assembly in the industry.

For custom colors and design contact your OPTEK representative.

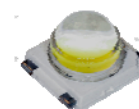
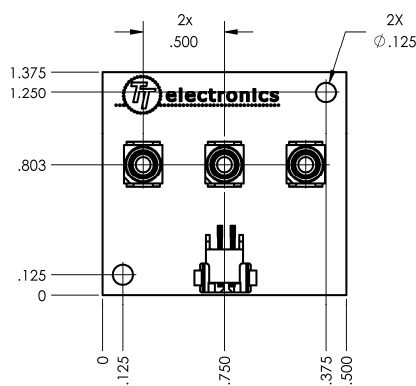
### Electrical / Optical Characteristics: $T_A=25^{\circ}\text{C}$ , $I_F=350\text{mA}$

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



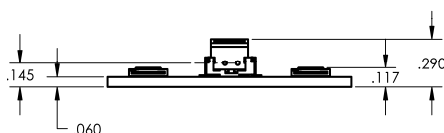
**OPA739\_**

See OVSP\_BCR4 for component specifications



**OPA739\_D**

See OVSP\_4CR44 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.