

# OPA733 Series

## 1 Watt Light Spot on OptoTherm Linear Heat Spreader

### Features:

- 1 watt LED on round substrate
- Mono-color per strip (Blue, Green, Red, Yellow, White)
- Universal connector (Tyco 2-292173-2 mates with 173977-2)
- RoHS Compliant

OPA733\_ (120° Beam Angle)



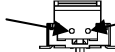
### Description:

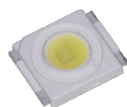
The **OPA733** Series are designed for areas where lighting intensity and reliability are essential. The light beam angle of 120° is ideal for illuminating medium size areas while requiring minimal space. A High Performance Heat Spreader (HPHS) is used to ensure the best heat dissipation of any light assembly in the industry.

For custom colors and design contact your OPTEK representative.

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

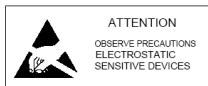
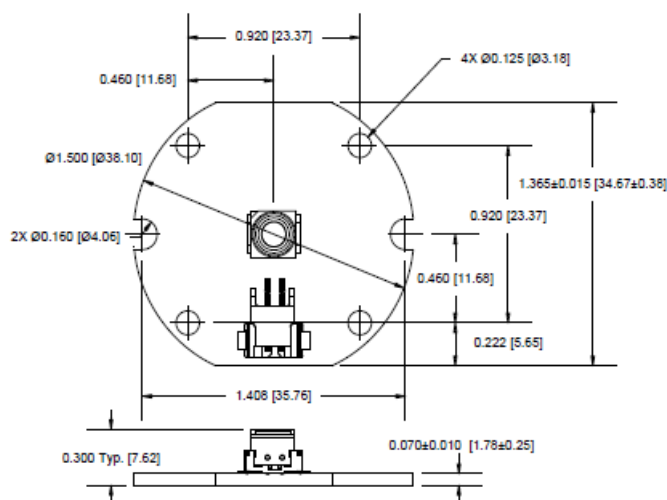
Part Number	Typical Forward Voltage (V)	Luminous Flux (lm)	Beam Angle	Color	Dominant Wavelength
OPA733Y	2.5	26	120°	Yellow	587 nm
OPA733B	3.6	9		Blue	470 nm
OPA733G	3.6	48		Green	530 nm
OPA733R	2.5	35		Red	625 nm
OPA733W	3.6	48		White	6,500°K

+ Voltage  Ground



OPA733\_

See OVSP\_BCR4 for  
component specifications



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

### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.



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