

# OPA733 Series

## 1 Watt Light Spot on OptoTherm Linear Heat Spreader

### Features:

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



OPA733\_ (120° Beam Angle)



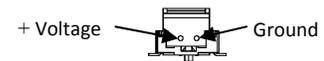
### Description:

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.

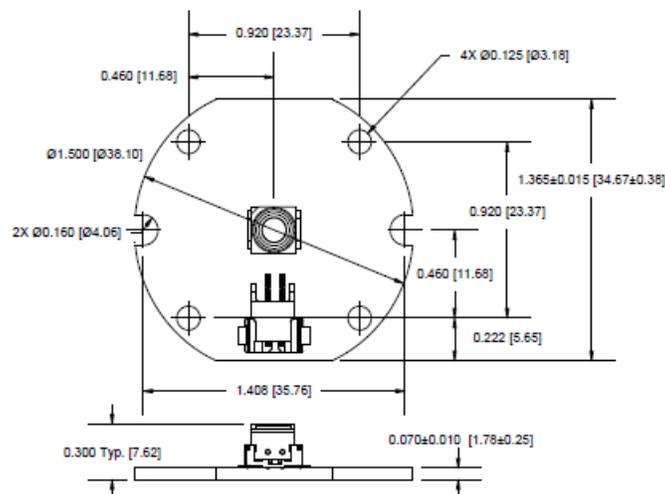
### Electrical / Optical Characteristics: $T_A=25^{\circ}\text{C}$ , $I_F=350\text{mA}$

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



OPA733\_

See OVSP\_BCR4 for  
component specifications



RoHS

**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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