

OPA742 Series

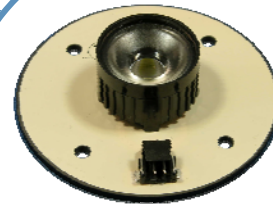
1 Watt Light Spot on

Another Linear Heat Spreader with Lens



OPA742 Series

- 1 watt LED on round substrate
- Mono-color per strip (Blue, Green, Red, Yellow, White)
- Component beam angle option 23°
- Universal connector (Tyco 2-292173-2 mates with 173977-2)
- RoHS Compliant



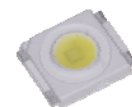
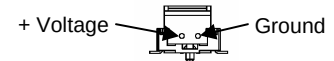
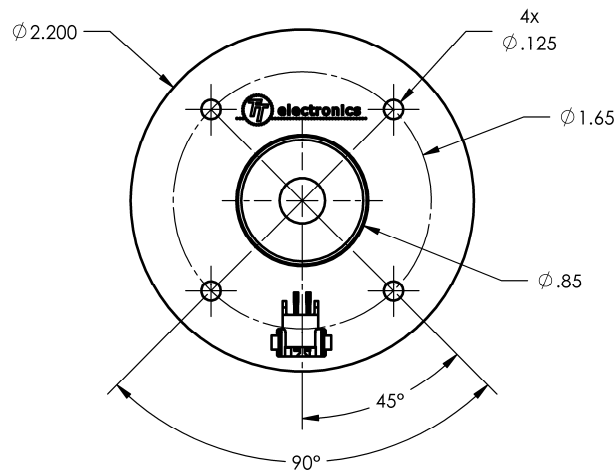
OPA742_ (23° Beam Angle)

The **OPA742** 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 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.

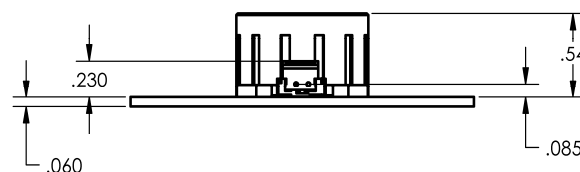
Electrical / Optical Characteristics: $T_A=25^{\circ}\text{C}$, $I_F=350\text{mA}$

Part Number	Typical Forward Voltage (V)	Luminous Flux (lm)	Beam Angle	Color	Dominant Wavelength
OPA742Y23	2.5	22	23°	Yellow	587 nm
OPA742B23	3.6	8		Blue	470 nm
OPA742G23	3.6	41		Green	530 nm
OPA742R23	2.5	30		Red	625 nm
OPA742W23	3.6	41		White	6,500°K



OPA742_

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.