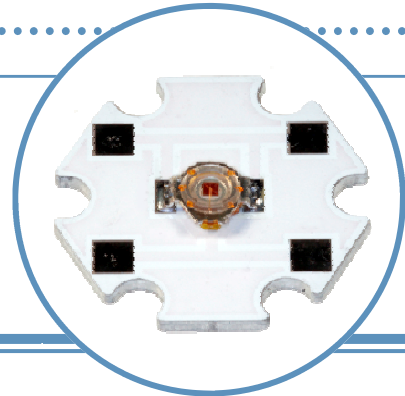


Optimal I Star Series 1-watt LED on MCPCB

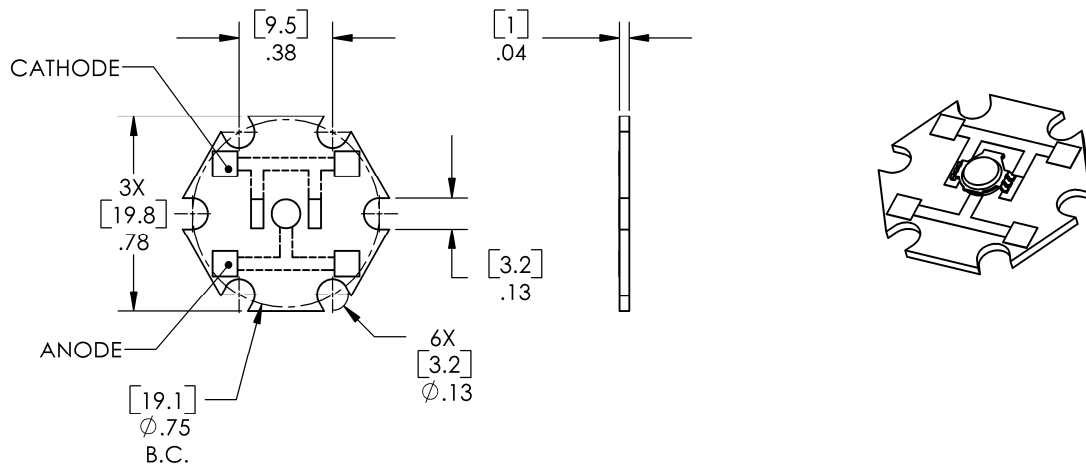
OVTLZ1LGAxx

- Customized for Optek Lednium Series 1-watt device
- Low thermal resistance (4.9° C/W junction to heatsink)
- Exceptional thermal conductivity with metal core PCB
- Soldering points provided for electrical connections
- Locating slots for M3 screws



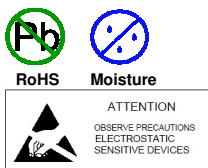
Part Number	Viewing Angle	Emitted Color	Typical Luminous Flux (lm)	Typical Forward Voltage (V) @ 350mA
OVTLZ1LGAB	135°	Blue 460nm	12	3.4
OVTLZ1LGAC		Cyan 505nm	40	3.6
OVTLZ1LGAG		Green 515nm	60	3.6
OVTLZ1LGAR		Red 625nm	45	2.3
OVTLZ1LGAA		Amber 595nm	35	2.3
OVTLZ1LGAW		Cool White 7000K	65	3.4
OVTLZ1LGAWD		Daylight White 5800K	60	3.4
OVTLZ1LGAWW		Warm White 3500K	50	3.4

Package Dimensions



Notes:

- Test conditions: $I_F=350\text{mA}$; $T_J<130^\circ\text{C}$
- All dimensions are in inches [millimeters].
- Additional thermal management required.
- Packaged in ESD shielded tube, 10 units per tube
- Two pads available for each polarity
- All electrical and optical characteristics of the LED remain the same as specified by the corresponding datasheet (OVTL01LGA Series).



**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.