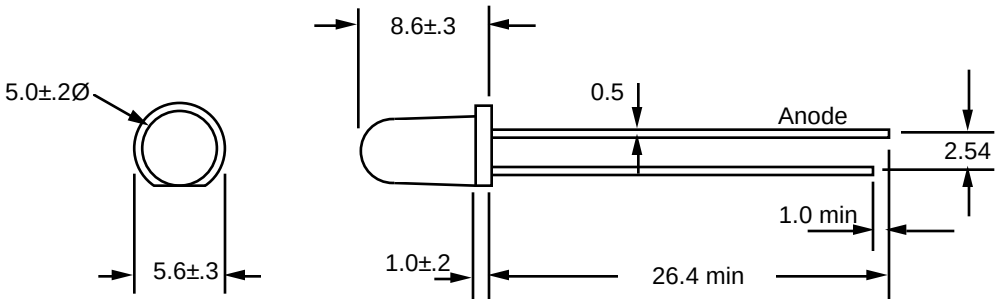
K Series, Small View Angle, Water Clear LED,
4381 K Series T-1 3/4, 5mm Round, Ultra Bright, Tapered Lens

These K series lamps are made with the brightest AlInGaP chips which can be used for super brightness at low current (2mA) or ultra brightness at standard current (20mA). This tapered lens is ideal for higher intensity when a smaller viewing angle is acceptable and can be used in outdoor applications.

RoHS Compliant
Aug 2004



GENERAL INFORMATION

Operating Temperature Range	-30 °C to +85 °C
Storage Temperature Range	-55 °C to +100 °C
Reflow Soldering Temperature	260 °C for 5 sec max

APPLICATION INFORMATION (ALL RATINGS AT 25 °C AMBIENT)

Part No.	Emitted Color	Peak λ	Δλ	Absolute Maximum Ratings					E/O Characteristics					
				Pd	If (mA)		Ir	Vr	Iv (mcd) @If=20mA			Vf (V) @ If=20mA		$2\Theta_{1/2}$
		(nM)	(nM)	(mW)	dc	1/10 duty @ 1 khz	@Vr=5V (μA)	(V)	2mA	Min	Typ	Min	Typ	(Deg)
KRC4381-5	Red	632	20	120	25	200	10	5	183	3960	6490	2.0	2.4	6
KRC4381-6	Red	632	20	120	25	200	10	5	220	4790	8200	2.0	2.4	6
KYC4381-5	Yellow	591	15	120	25	200	10	5	231	4870	7920	2.0	2.4	6
KYC4381-6	Yellow	591	15	120	25	200	10	5	268	6090	9750	2.0	2.4	6
KYC4381-7	Yellow	591	15	120	25	200	10	5	-	8120	10560	2.0	2.4	6
KOC4381-5	Orange	621	18	120	25	200	10	5	258	5430	9270	2.0	2.4	6
KOC4381-6	Orange	621	18	120	25	200	10	5	298	6780	11300	2.0	2.4	6
KOC4381-7	Orange	621	18	120	25	200	10	5	-	9040	11760	2.0	2.4	6
KDC4381-5	DeepRd	650	20	120	25	200	10	5	-	2800	3780	2.0	2.4	6
KYOC4381-5	YelOrng	611	17	120	25	200	10	5	-	5150	8590	2.0	2.4	6
KYOC4381-6	YelOrng	611	17	120	25	200	10	5	-	6440	10520	2.0	2.4	6
KYOC4381-7	YelOrng	611	17	120	25	200	10	5	-	8570	11140	2.0	2.4	6

Specifications subject to change without notice. Dimensions are in mm±0.3 unless stated otherwise.

IDEA, Inc., 1351 Titan Way, Brea, CA 92821 Ph:714-525-3302, 800-LED-IDEA; Fax: 714-525-3304 0508