



NOTES:

1. LED includes integrated diode for reverse voltage protection.
2. LED includes integrated resistor for current limiting.

Operating Temperature Range	-30°C to +85°C
Storage Temperature Range	-40°C to +100°C

TYPICAL ELECTRICAL & OPTICAL OPERATING CHARACTERISTICS

(Ta = 25 degree C)

PART NUMBER	EMITTING COLOR	AMPERAGE mA	VOLTAGE Vdc	LUMENS	μW/cm <sup>2</sup>	DOMINANT WAVELENGTH	VIEWING ANGLE DEGREES
LE-0503-03R	RED	15mA	12.0	0.70	—	630nm	20
LE-0503-03Y	YELLOW	15mA	12.0	0.70	—	595nm	20
LE-0503-03G	GREEN	15mA	12.0	2.00	—	525nm	20
LE-0503-03B	BLUE	15mA	12.0	0.70	—	470nm	20
LE-0503-03W	9000°K WHITE	15mA	12.0	2.50	—	x = 0.30 y = 0.29	20
LE-0503-03UV	ULTRA VIOLET	15mA	12.0	—	235	405	20

	METRIC	DIMENSIONS ARE IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- 0.2 2 PL +/- 0.20 ANGLE +/- 0							
	THIRD ANGLE PROJECTION						TITLE		
DRAWN BY		APPVD BY	DATE	SIZE	FSCM NO.	DRAWING NO.	LE-0503-03		
L. WENGSTROM		L.R.	6/16/10	A	55335	T-3 1/4 WEDGE BASE LED			
REV. NO.	DESCRIPTION/ECO NUMBER	APPVD DATE	- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET
					NONE	7/03/06	6/16/10	E	1 OF 1

E	ADD 9000° WHITE	6/16/10
D	CHANGE MOL TO 27.5 ± 1.0	1/22/09
C	CHANGE CHARTS	8/25/08
B	ADDITIONAL ELECT INFO & CHNG DIMS	8/11/08
A	CHNG. LUMENS & ADD NOTES 1 & 2	9/14/06
	ENGR RELEASE & CANCEL PL-0503-03-1 TO -6	3/3/05