



ELECTRICAL & OPTICAL CHARACTERISTICS

JKL PART NUMBER	FORWARD VOLTAGE (DC)		FORWARD CURRENT (mA)*		OPERATING TEMP. (C)		INTENSITY mcd**		PEAK WAVELENGTH nm	COLOR		TYP. VIEWING 1/2 ANGLE DEGREE
	TYP.	MAX.	TYP.	MAX.	MIN.	MAX.	MIN.	TYP.		LED SOURCE (DICE)	LENS TYPE	
Z-121RE	2.0	2.5	20	25	-40	+85	3.2	8.0	700	BRIGHT RED GaP	RED DIFFUSED	120
Z-121RH	2.0	2.5	20	25	-40	+85	12.5	50	625	HIGH EFFICIENCY RED GaAsP/GaP	RED DIFFUSED	16
Z-121G	2.2	2.5	20	25	-40	+85	8	20	565	GREEN GaP	GREEN DIFFUSED	40
Z-121A	2.1	2.5	20	25	-40	+85	8.0	32	585	YELLOW GaAsP/GaP	AMBER DIFFUSED	60
Z-121Y	2.1	2.5	20	25	-40	+85	8.0	32	590	YELLOW GaAsP/GaP	YELLOW DIFFUSED	60
Z-122O	2.0	2.6	20	25	-40	+85	32	80	610	ORANGE GaAsP/GaP	ORANGE TRANSPARENT	50
Z-123R	1.7	2.1	20	25	-40	+85	0.8	2.0	660	RED GaAsP	WATER CLEAR	16
Z-123RH	2.0	2.5	20	25	-40	+85	12.5	50	625	HIGH EFFICIENCY RED GaAsP/GaP	WATER CLEAR	16
Z-123G	2.2	2.5	20	25	-40	+85	32	80	565	GREEN GaP	WATER CLEAR	16
Z-123Y	2.1	2.5	20	25	-40	+85	12.5	50	590	YELLOW GaAsP/GaP	WATER CLEAR	16

* CONTINUOUS-DUTY RATING

** INTENSITY VALUES ARE AT TYPICAL FORWARD CURRENT OF 10mA.

NOTE: ELECTRO STATIC DISCHARGE PROTECTION REQUIRED WHEN HANDLING DEVICES.

		DIMENSIONS ARE IN MILLIMETERS (INCHES)					
TOLERANCE UNLESS OTHERWISE SPECIFIED $\pm 0.25\text{mm}$ (± 0.01)		TITLE T-1 STANDARD STRAIGHT FRAME ROUND LED LAMP					
DRAWN BY L. WENGSTROM	APPV'D BY S.C.	DATE 7/16/09	SIZE A	FSCM NO. 55335	DRAWING NO. Z-12		
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		SCALE NONE	RELEASED DATE 10/10/08	REVISION DATE 7/16/09	REV. NO. A	SHEET 1 OF 1	

A CORRECTION ON Z-121G RELEASED	7/16/09 10/10/08
REV. NO.	DESCRIPTION/ECO NUMBER APPV'D DATE