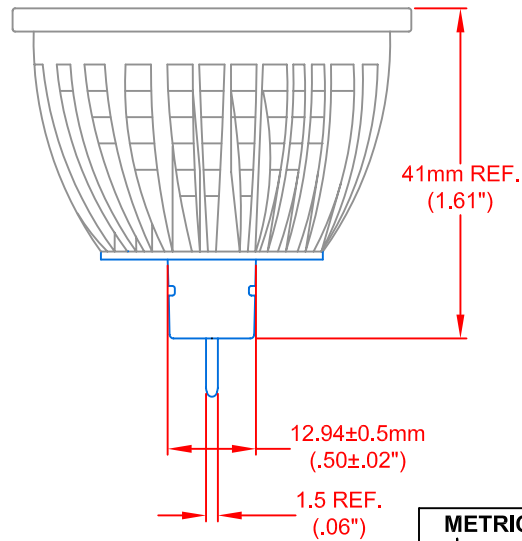
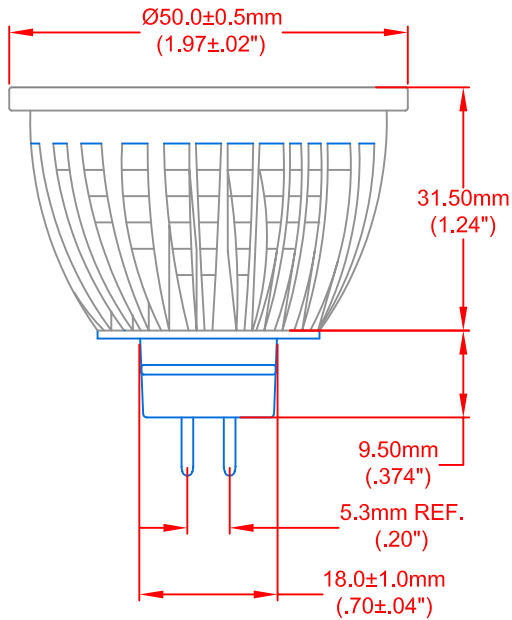
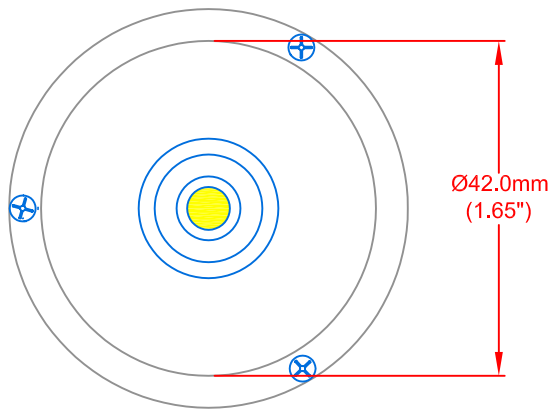


REV.	DESCRIPTION/ECO NO.	DATE
	RELEASED	5/1/09
A	ADD PERFORMANCE NOTE	10/7/09

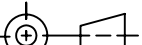
JKL PART NUMBER	AC/DC INPUT VOLTAGE	WATTAGE	LED QUANTITY	COLOR	VIEWING ANGLE (Deg.)	CCT	LUX @ 1M
Z-MR16-5W-1	12V	5 WATT	1	WHITE	10	6800-7200	1100
Z-MR16-5W-2	12V	5 WATT	1	WHITE	10	6400-6800	1100
Z-MR16-5W-3	12V	5 WATT	1	WHITE	10	6000-6400	1100
Z-MR16-5W-4	12V	5 WATT	1	WHITE	10	3700-3900	850
Z-MR16-5W-5	12V	5 WATT	1	WHITE	10	2900-3100	700
Z-MR16-5W-6	12V	5 WATT	1	WHITE	10	2700-2900	700
Z-MR16-5W-7	12V	5 WATT	1	WHITE	38	6800-7200	600
Z-MR16-5W-8	12V	5 WATT	1	WHITE	38	6400-6800	600
Z-MR16-5W-9	12V	5 WATT	1	WHITE	38	6000-6400	600
Z-MR16-5W-10	12V	5 WATT	1	WHITE	38	3800-4100	450
Z-MR16-5W-11	12V	5 WATT	1	WHITE	38	3700-3900	450
Z-MR16-5W-12	12V	5 WATT	1	WHITE	38	2900-3100	300
Z-MR16-5W-13	12V	5 WATT	1	WHITE	38	2700-2900	300
Z-MR16-5W-14	12V	5 WATT	1	WHITE	60	6800-7200	70
Z-MR16-5W-15	12V	5 WATT	1	WHITE	60	6400-6800	70
Z-MR16-5W-16	12V	5 WATT	1	WHITE	60	6000-6400	70
Z-MR16-5W-17	12V	5 WATT	1	WHITE	60	3700-3900	55
Z-MR16-5W-18	12V	5 WATT	1	WHITE	60	2900-3100	50
Z-MR16-5W-19	12V	5 WATT	1	WHITE	60	2700-2900	50

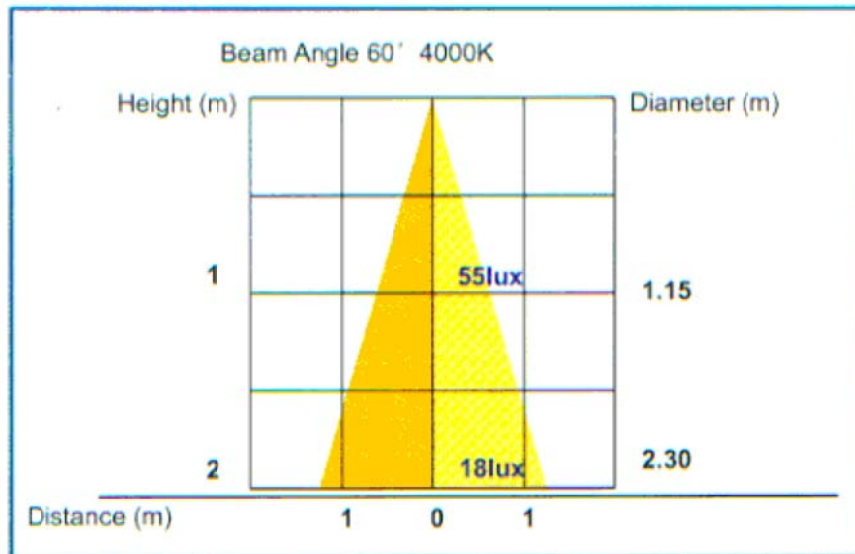
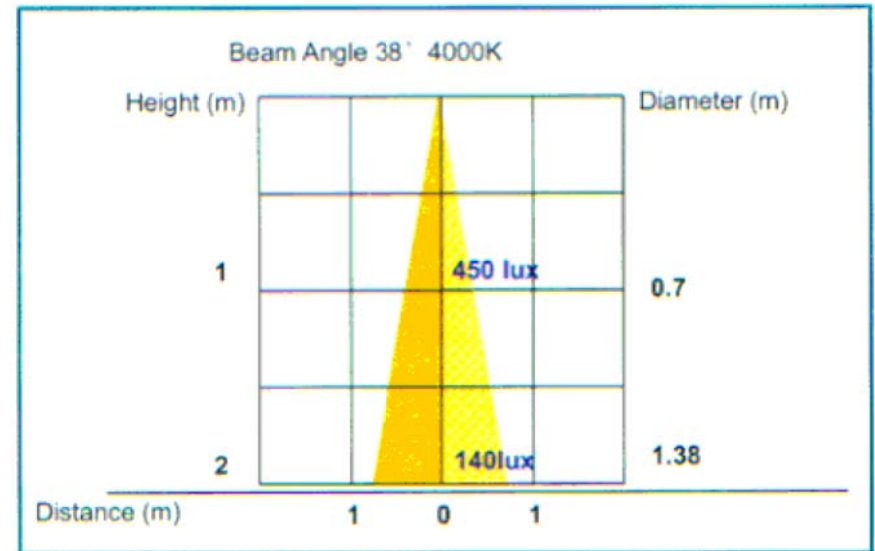
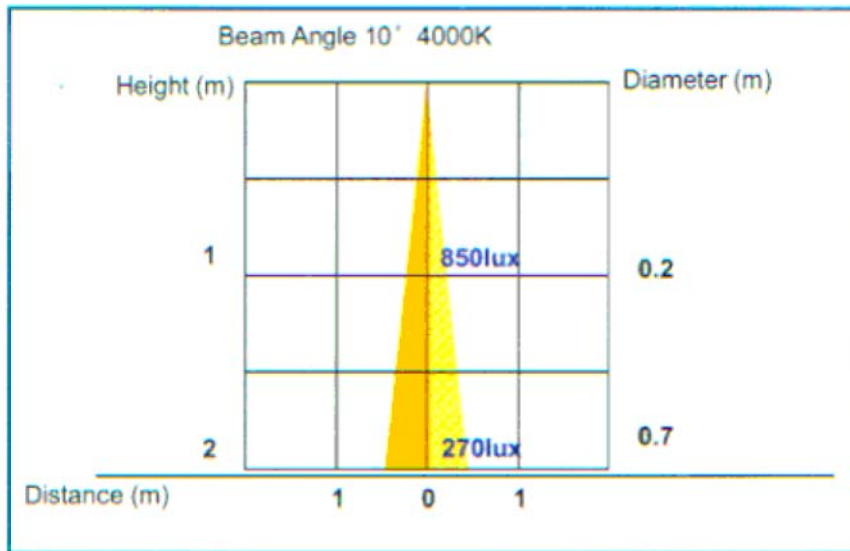


Absolute Maximum Rating at TA = 25°C

Parameter	Symbol	Absolute Maximum Rating				Unit
Forward Current	IF	420				mA
Power Dissipation	PD	5				W
Electrostatic Discharge	ESD	--				V
Operating Temperature	Topr	-30 ~ +40				°C
Storage Temperature	Tstg	-40 ~ +60				°C
Forward Voltage DC	VF DC	Condition	Min	Typ	Max	V
		IF = 400mA	10	12	16	

NOTE: FOR OPTIMUM PERFORMANCE, USE OF A VOLTAGE REGULATED POWER SOURCE IS RECOMMENDED.

METRIC  THIRD ANGLE PROJECTION		DIMENSIONS ARE IN MILLIMETERS (INCHES) TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- ANGLE +/- 0		JKL COMPONENTS CORPORATION TITLE LED MR-16, 12V AC/DC, 5 WATTS											
DRAWN BY L. WENGSTROM		APPV'D BY L.R.		DATE 10/7/09		SIZE A		FSCM NO. 55335		DRAWING NO. Z-MR16-5W-X					
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED						SCALE NONE		RELEASED DATE 5/1/09		REVISION DATE 10/7/09		REV. NO. A		SHEET 1 OF 2	



JKL COMPONENTS CORPORATION

SIZE A	FSCM NO. 55335	DRAWING NO. Z-MR16-5W-X
SCALE NONE	RELEASED DATE 5/1/09	REVISION DATE 10/7/09
	REV. NO. A	SHEET 2 OF 2

Mouser Electronics

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