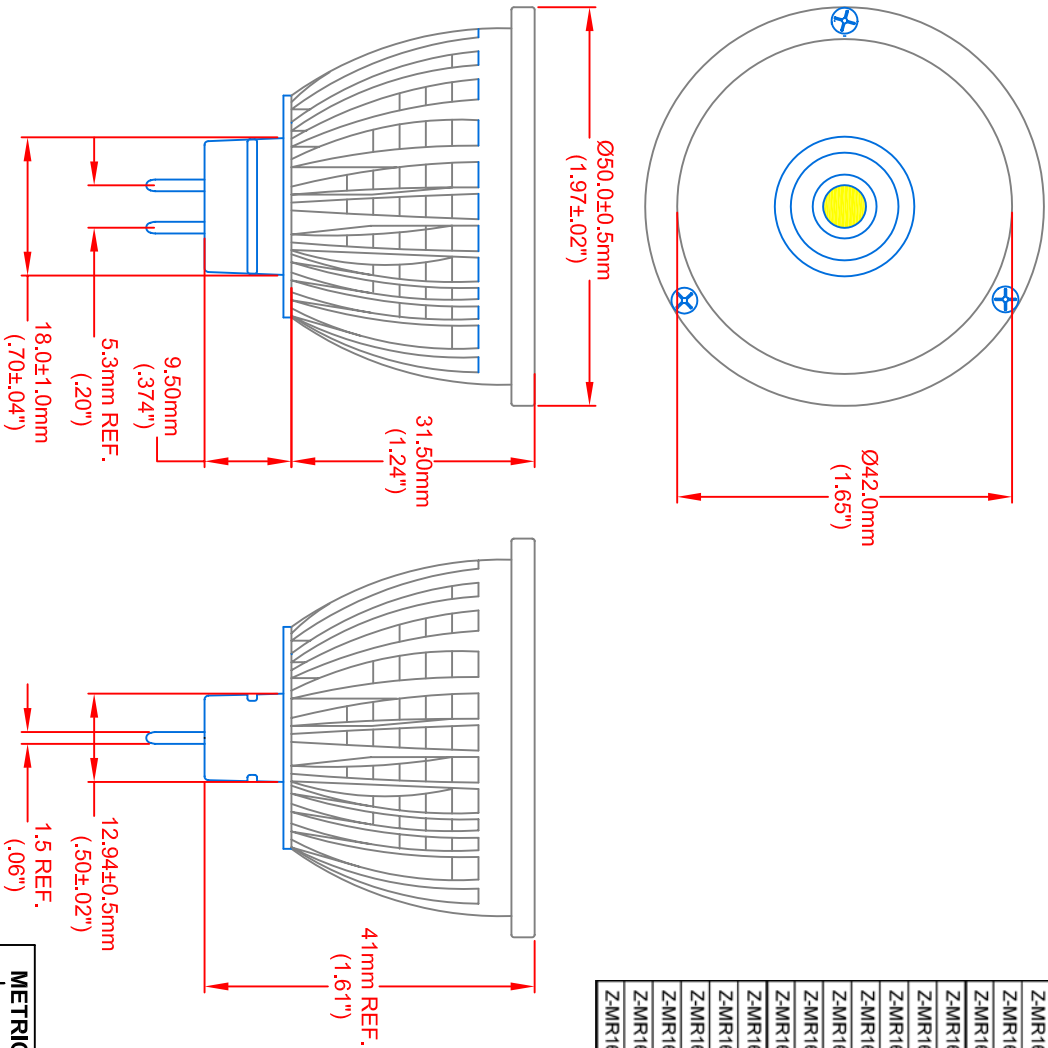


REV.	DESCRIPTION/ECO NO.	DATE
	RELEASED	5/1/09
A	ADD PERFORMANCE NOTE	10/7/09

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	6400-6600	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	6400-6600	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	6400-6600	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

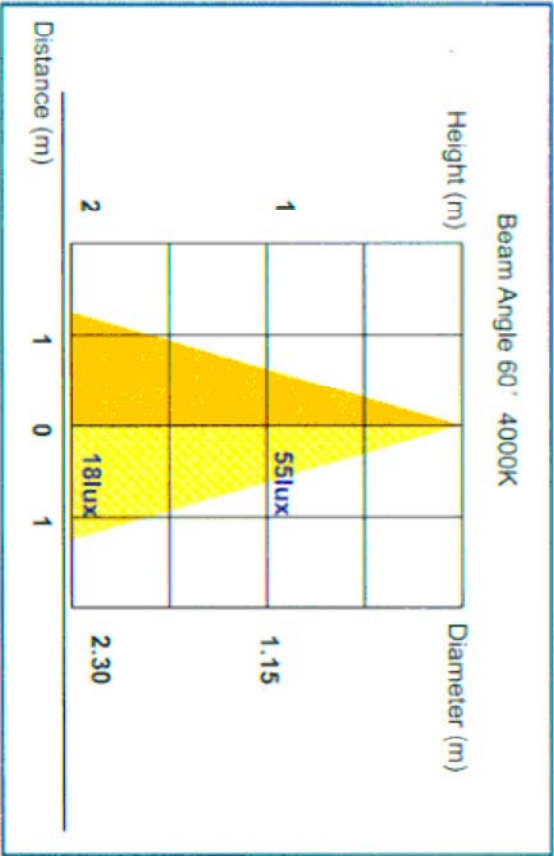
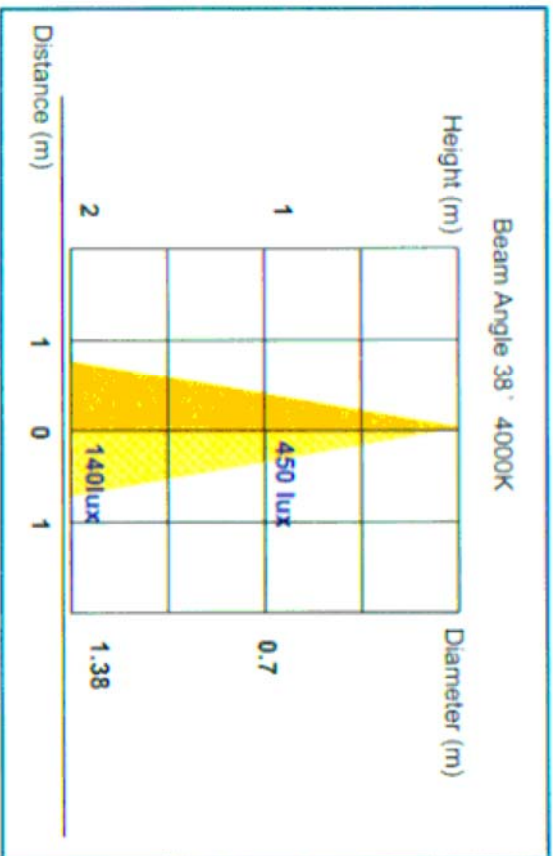
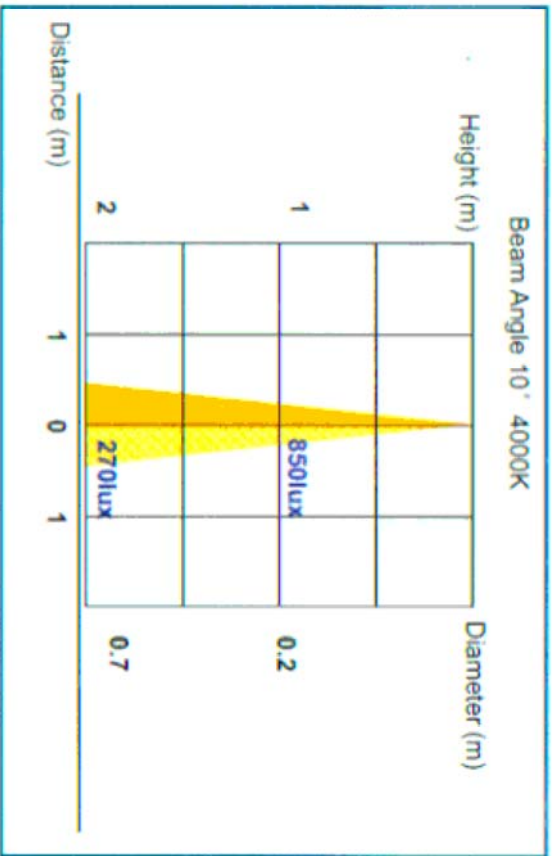


Absolute Maximum Rating at TA = 25°C

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 IF = 400mA	V
		Min	10
		Typ	12
		Max	16

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

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



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