

# High Power

# Multi-Color LED Lamp



## MCL Series LED Lamp Catalogue

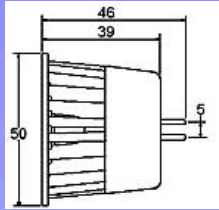
### FEATURES:

- High Power LED
- High Luminous intensity output
- Long operating life (up to 10k hours)
- Available in Cool white, Red, Green, Blue
- Higher Energy Efficient than Incandescent and Halogen lamps
- Cool Beam (No UV & Thermal radiation)
- Package Mode: R-G-B Multi-dies Package

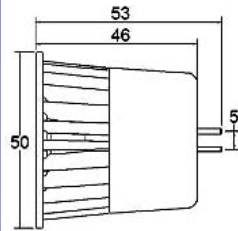


# MECHANICAL DIMENSION

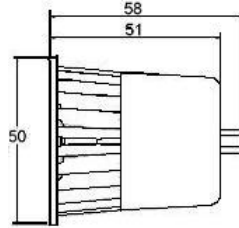
MCL116-05



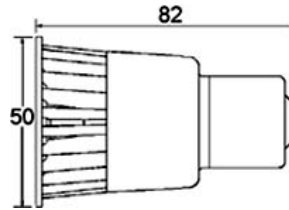
MCL116- 12 / MCL116-30



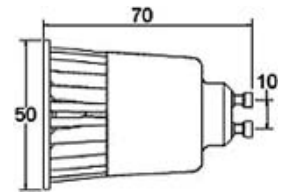
MCL116-00



MCL127- 00



MCL110- 00

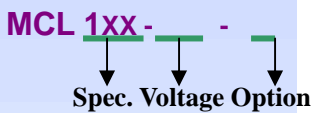


Unit: mm

# ELECTRONIC SPECIFICATONS

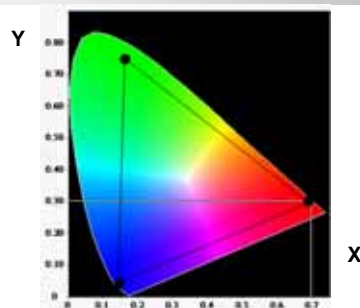
Parameter	MCL116-05	MCL116-12	MCL116-30	MCL116-00	MCL127-00	MCL110-00
<b>Power Spec.</b>						
Power Supply Voltage (Typ.)	5Vdc (4.5~5.5Vdc)	12Vac(9~18Vac) 12Vdc(9~22Vdc)	30Vac(9~30Vac) 30Vdc(9~48Vdc)	100~240Vac	100~240Vac	100~240Vac
Current	DC	DC/AC (47~63Hz)	AC (47~63Hz)	AC (47~63Hz)	AC (47~63Hz)	AC (47~63Hz)
Power Supply Current	<1200mA	<600mA	<600mA	<100mA	<100mA	<100mA
Power Consumption	5W	5W	5W	5W	5W	5W
<b>Function Spec.</b>						
Color Change Method	Power ON-OFF					
Color Change Mode	1 sec change color / 5 sec change color / Fade change / Smooth change					
Default Mix Color	16 colors					
<b>Optical Spec.</b>						
Operating Life	>10,000 hr					
Luminous Flux(typ.)	35 lm					
Luminous Flux(min.)	30 lm					
<b>Environment Spec.</b>						
Operation Temperature	-20~50					
Storage Temperature	-40~60					
Operation Humidity	10~90					
<b>Option</b>						
Options	-I (IrDA Remote Function) / -R (RS485 Function) / -U (Waterproofing Apparatus)					

# ORDER CODE



Spec.	Voltage	Option	
116:MR16	05:5V	N: Flat	I: IrDA Remote Control
127:E27	12:12V	C: Crystal	K: Cable
110:GU10	30:30V	L: Lens	U: Waterproofing Apparatus
	00:全電壓	R: RS485	

# OPTICAL DIAGRAMS



CIE1931