

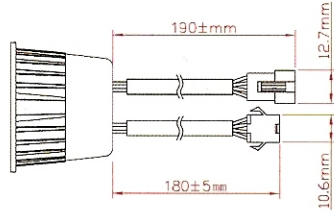
# LED Light Source - LIFESTAR

## High Power LED RGB Flash Lamp ( Remote Control System )

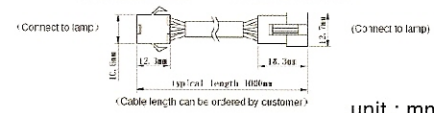
### General Features and Characteristics

1. IR Remote Control for working simultaneously.
2. 16 Fixed colors and 4 color changing modes to be selected.
3. Trimming function from high to low light patterns.
4. Available to connect with 5 pieces lamps (base on DC 5V/5A) together.  
The Amplifier will be applied for every 5 pieces if installation more than 5 pieces.

### M16-V05-S



### Extension Cable



### Electrical Specification

Character	Model	M16-V05-S
Power Supply Voltage ( Typ.)		5VDC
Power Supply Current		<1000mA
LED Power		3W
Power Consumption		5W
Operating Life		>10,000 Hrs

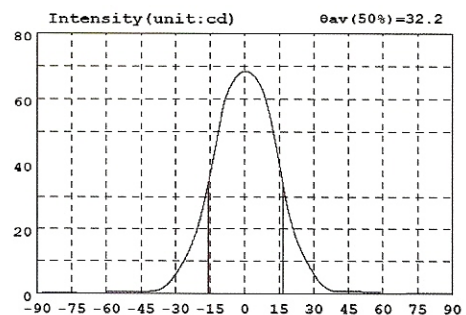
### Optical Specification

Beam Angle (281/2)	35±5°
Correlation Color Temperature	Adjustable 1,000-10,000K
Illumination(wtino color)	1400Lux @30cm

### Environment Specification

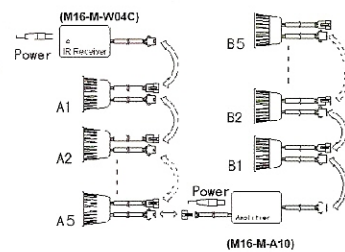
Temperather Range	Arnbient -20°C to 40°C; Surface 70°C
Humidity	10 ~ 90% non-condensing humidity
MTBF	>10000Hrs

### Optical Performance

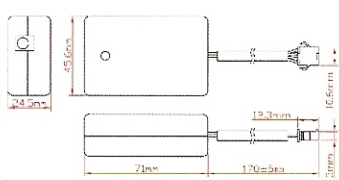


IRC 160N-1  
Button Cel : CR2025\*1  
Size : 54\*81\*7mm

### Connection Diagram

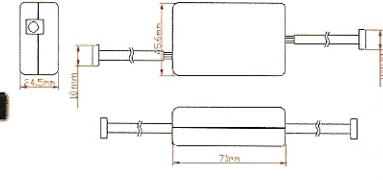


### IR Receiver (Model No. M16-M-W04C)



Input Voltage	DC12V
Output Voltage	4A Max

### Amplifier (Model No. M16-M-A10)



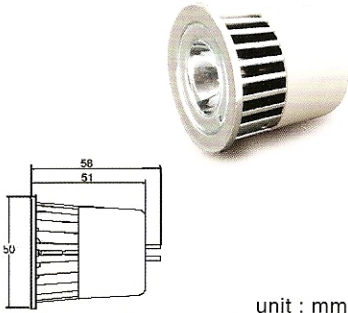
Input Voltage	DC12V
Output Voltage	4A Max



# LED Light Source - LIFESTAR

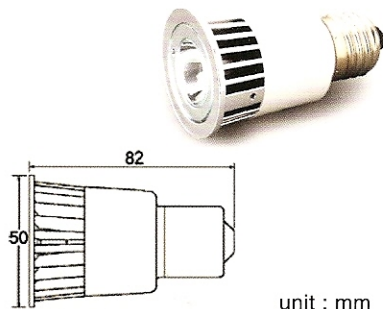
## High Power LED RGB Flash Lamp ( Remote Control Unit )

### MCL-12-MR16



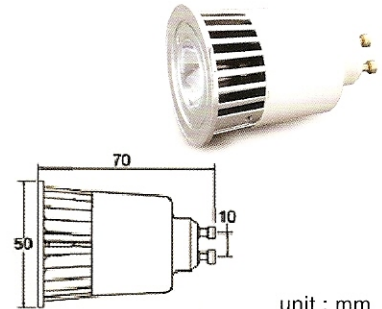
unit : mm

### MCL-00-E27



unit : mm

### MCL-10-GU10



unit : mm

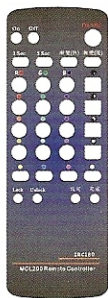
### Electrical Specification

Character	Model	MCL-12-MR16	MCL-00-E27	MCL-10-GU10
Power Supply Voltage ( Typ.)		9-22VDC or 9-18VAC	100VAC ~ 240V AC	100VAC ~ 240VAC
Power Voltage (Max.)		22VDC or 20VAC	250VAC	250VAC
Power Supply Current		< 600mA	< 100mA	< 100mA
Input Frequency		5W	5W	5W
Power Consumption		DC 47 ~ 63Hz AC 20 ~ 40KHz	AC 47 ~ 60Hz	AC 47 ~ 60Hz
Operating Life		>10,000Hrs	>10,000Hrs	>10,000Hrs

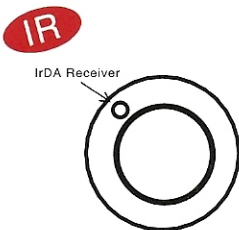
### IrDA Remote controller



IRC 160N-1  
Button Cel : CR2025\*1  
Size : 54\*81\*7mm



IRC 160  
Battery : AAA X 2  
SIZE : 160X60X16mm



### Remote Controller Spec

Model	IRC160	IRC160N-1
Input Voltage	3VDC	3VDC
IrDA Freq Range	38K Hz	38K Hz
Beam Angel	30°	30°
Detecting Range	8 Meters	6 Meters

### Function Spec

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

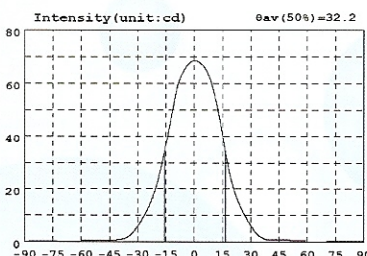
### Environment Specification

Operation Temperature	-20 ~ 50°C
Storage Temperature	-40 ~ 85°C
Operation Humidity	10 ~ 90% (Non-Condensing)

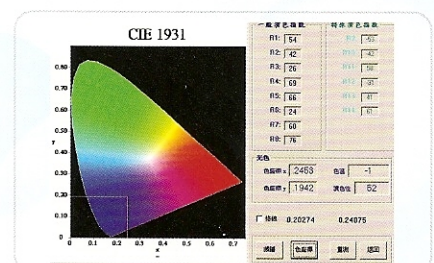
### Optical Specification

Conelation Color Temperature	W	20.000K
Illumination @30cm	R	250 Lux
	G	900 Lux
	B	350 Lux
	W	1400 Lux
Beamn Angle (201/2)		30° ± 5°

### Optical Performance



### Chromaticity Diagram



(at Ambient 25°C)