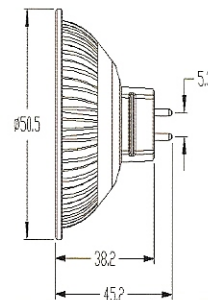


# LED Light Source - LITESTAR

## MR16 High Power LED Single Color Lamp

### RICO-□□□-MR16



unit : mm

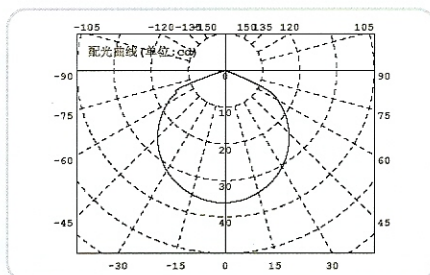
### Electrical Specification

Character	Model	RICO-01□-MR16	RICO-02□-MR16
Power Supply Voltage (Typ.)		12VAC DC 12-24V	12VAC DC 12-24V
LED Power		3W	3W
Power Consumption		3.6W	3.6W
Operating Life		> 10,000 Hrs	> 10,000 Hrs
Input Frequency		50 / 60Hz	50 / 60Hz
Power Supply Current		< 500 mA	< 500 mA

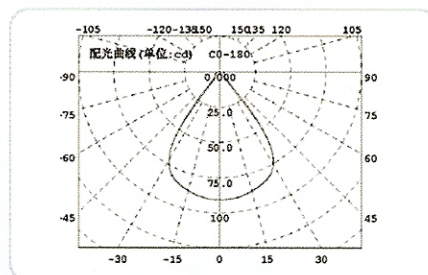
### Optical Specification

Model Number	Emitting Color	Dominant Wave length (nm) or Temperature Color	Lumens (Typ.) (Lm)	Illumination(Lux)			View Angle 2θ 1/2(°)
				Distance (10 cm)	Distance (20 cm)	Distance (100 cm)	
RICO-01W-MR16	Warm White	3500 ~ 4000K	75	3700	925	480	120
RICO-01C-MR16	Cool White	5500 ~ 6500K	105	5200	1300	700	120
RICO-01B-MR16	Blue	455 ~ 475nm	40	1975	480	250	120
RICO-02W-MR16	Warm White	3500 ~ 4000K	75	6250	1550	820	70
RICO-02C-MR16	Cool White	5500 ~ 6500K	105	8820	2250	1100	70
RICO-02B-MR16	Blue	455 ~ 475nm	40	3300	900	450	70

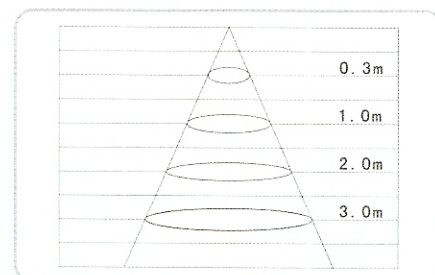
### Optical Performance



RICO-01C-MR16



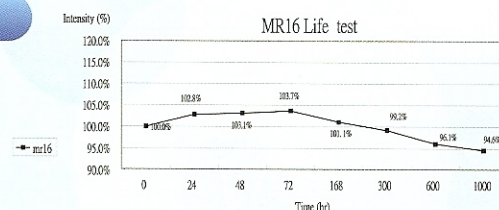
RICO-02C-MR16



### Electrical Specification

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

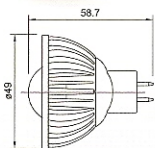
### Life Test



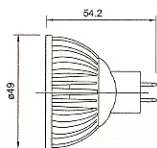
# LED Light Source - LITESTAR

## MR16 High Power LED Single Color Lamp

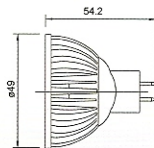
RICO-03□-MR16



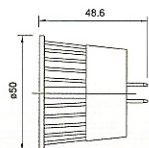
RICO-04□-MR16



RICO-05□-MR16



RICO-06□-MR16



### Electrical Specification

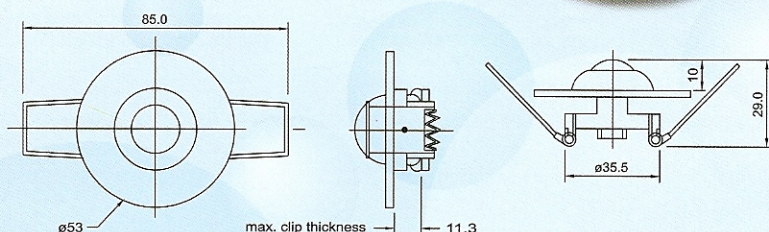
Character	Model	RICO-03□-MR16	RICO-04□-MR16	RICO-05□-MR16	RICO-06□-MR16
Power Supply Voltage (Typ.)		12V AC/DC	12V AC/DC	12V AC/DC	12V~36V DC, 12V~26V AC
Power Voltage (Max.)		14V AC/DC	14V AC/DC	14V AC/DC	12V~48V DC, 12V~30V AC
LED Power		3W X1	3W X1	1W X3	1W X3
Power Consumption		3.6W	3.6W	5W	5W
Operating Life		>10.000Hrs	>10.000Hrs	>10.000Hrs	>10.000Hrs
Input Frequency		50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
Power Supply Current		< 700 mA	< 350 mA	< 350 mA	< 600 mA

### Optical Performance

Model Number	Emitting Color	Dominant Wave length (nm) or Temperature Color	Lumens (Typ.) (Lm)	View Angle 2θ 1/2(°)
RICO-03W-MR16	Warm White	3200K	70	45
RICO-03C-MR16	Cool White	5500K	90	45
RICO-04W-MR16	Warm White	3200K	70	30
RICO-04C-MR16	Cool White	5500K	90	30
RICO-05W-MR16	Warm White	3200K	110	30
RICO-05C-MR16	Cool White	5500K	160	30
RICO-06W-MR16	Warm White	3200K	110	60
RICO-06C-MR16	Cool White	5500K	160	60

### Specification

Character	Model	RICO-00C-DL
Power Supply Voltage		3.2 V DC
LED Power		1W
Power Supply Current		350 mA
Operation Life		> 10,000 Hrs
Temperature Color		5000K~5500K
Emitting Color		Cool White
Lumens(Typ.)		15lm



RICO-00C-DL

