

# Product Model            ESL-MR16-10W

PRODUCT SERIES: 10W LED MR16

VERSION: A0

DATE: 2009-12-07

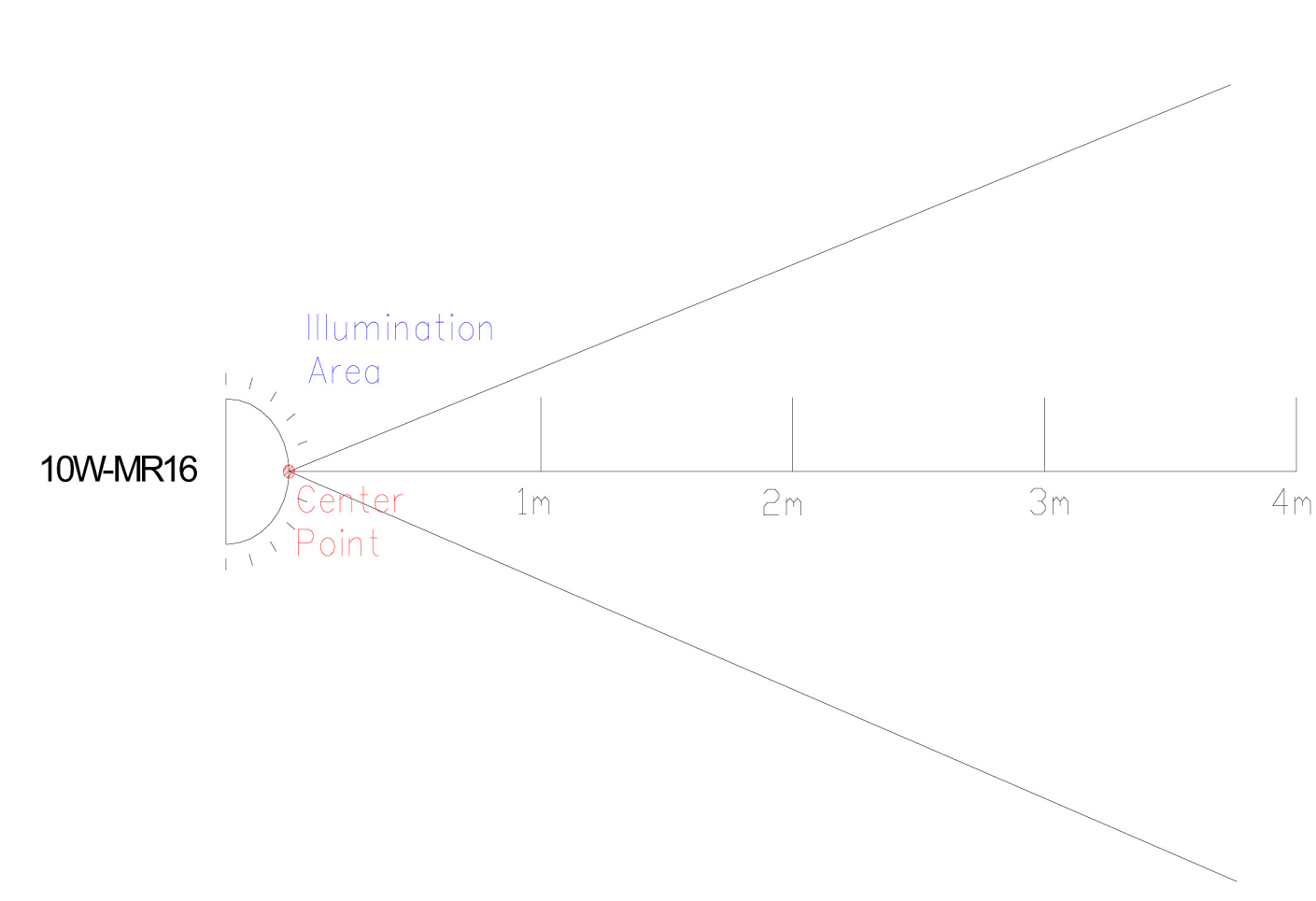
## Optical/Electric Characteristics

Part Number	Viewing angle	Color Range (K)	Typ. (K)	Brightness Range(lm)	Typ. (lm)	LED Quantity	Total Power(W)
ES-MR16-10W 30A-GX5.3	30°	2700-3500	3000	300～540	420	1	10
	30°	5000-6000	5500	460～700	580	1	10
ES-MR16-10W 60A-GX5.3	60°	2700-3500	3000	200～300	250	1	10
	60°	5000-6000	4500	300～500	400	1	10

## Operation / Environment

Item	Range	Unit
Operating Voltage	12	DC(V)
Temperature balance time	Less than 10 minutes	minutes
Operating Temperature	-20 - + 40	° C
Storage Temperature	-20 - + 50	° C
Humidity	0 - 95	%

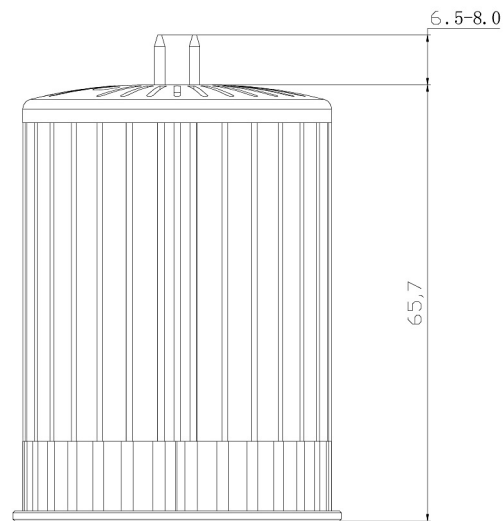
# Illuminance Testing Data



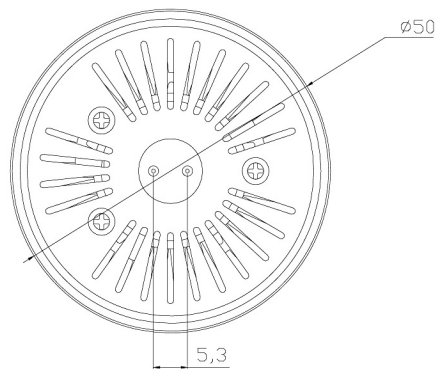
Part Number	Tc	Lux Level@1m	Lux Level@2m	Lux Level@3m	Lux Level@4m
ES-MR16-10W30A-GX5.3	2700-3500K	1810	484	202	125
	6000-7000K	2550	650	277	132
ES-MR16-10W60A-GX5.3	2700-3500K	495	100	30	5
	6000-7000K	826	181	70	26

## PHYSICAL DIMENSION

### (1) Front view



### (2) Bottom view



#### Notes:

All dimension units are millimeter.

All dimension tolerance is  $\pm 1\text{mm}$  unless otherwise noted.

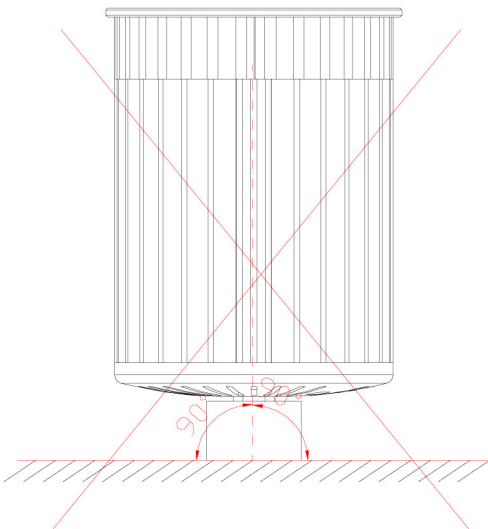
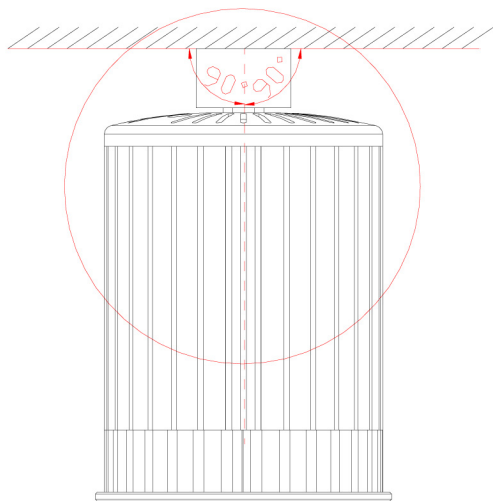
# Package and appurtenance



Part Number	Carton Dimension (mm)	Net Weight (kg)	Gross Weight (kg)	Quantity Per Carton (pcs)
ES-MR16-10W30/60A-GX5.3	650*395*265	22	25	40

## Instructions:

1. The 10W-MR16 head must down to light it on.



- 2. Avoid install in close to heat source, erosive place for safety and life time.
- 3. Strictly based on the marked voltage to use, switch on with wrong voltage will do permanent damage to product
- 4. No water proof for the housing
- 5. Do not touch the surface when working
- 6. Please use it under the specification, drive it beyond of specification will do harm to the life. Under excessive condition the light source will be fail