

Expedition

Par Series

Product Features

1. Energy Saving Technology.
2. Low heat emission (low temperature) reduces the cost of air conditioning.
3. Highly reliable constant current driver guarantees long life span of the lamp beads.
4. LED lights offer up to 85% saving in electricity cost compared to energy saver / halogen lamp and are designed to last for longer period.
5. Available wide selection of PAR20, PAR30 AND PAR38 LED Par Lamp.
6. LED PAR lamps are multipurpose, that can be used for many applications.
7. Eco-friendly, mercury free, lead free.
8. Dimmable model optional.
9. Available in: 5 / 7 / 9 / 12 / 15 / 30 / 60 Watt.
10. 2 year warranty.
11. OEM service available.

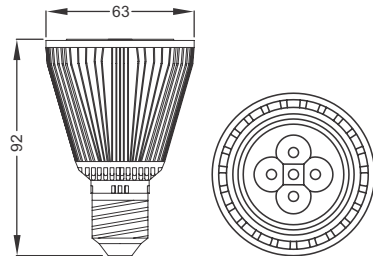
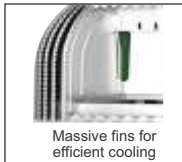
Applications

Garage Lighting, Recessed Lighting, Hall Lighting, Display Lighting, Kitchen Lighting, Accent Lighting, Task Lighting, Office Lighting, Ceiling Lighting Etc.

Notes

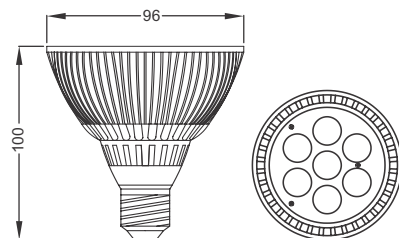
1. Operating temperature range between -20°C ~ +40°C
2. Use in dry indoor locations.
3. Don't use it with dimmers or in luminaries controlled by a dimmer.
4. Not for use in totally enclosed recessed fixtures.





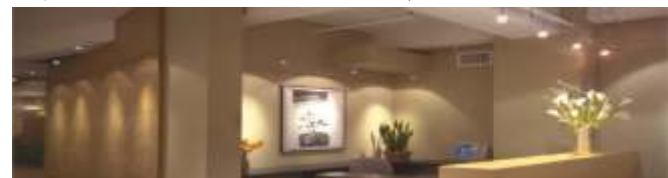
Specifications

Order Code	CR-2011
Model	CR-20-PAR
Power	5W
LED Description	5x1W
LED	SMD
LED Source	EDISON
Luminous Flux @Tj=85°C	100~110 LM/W - (WW) 135~143 LM/W - (CW)
Lumen Maintenance	L80
Color Temperature Available (± 200K)	2700~3300K 5500~6500K
Beam Angle	35°
Socket	E27
Input Voltage	90~265VAC, 50/60 Hz
CRI	Ra≥80
Working Temperature	-20°C ~ +40°C
Humidity	10%~90%
Power Factor (optional)	≥0.8
Material	Fin Shell (6063) Aluminium
Size (mm)	∅63xH92
Weight (approx)	77gm
Life	50,000 hrs



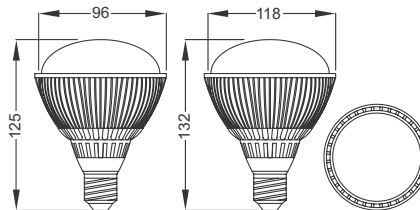
Specifications

Order Code	CR-2012
Model	CR-30-PAR
Power	7W
LED Description	7x1W
LED	SMD
LED Source	EDISON
Luminous Flux @Tj=85°C	100~110 LM/W - (WW) 135~143 LM/W - (CW)
Lumen Maintenance	L80
Color Temperature Available (± 200K)	2700~3300K 5500~6500K
Beam Angle	35°
Socket	E27
Input Voltage	90~265VAC, 50/60 Hz
CRI	Ra≥80
Working Temperature	-20°C ~ +40°C
Humidity	10%~90%
Power Factor (optional)	≥0.9
Material	Fin Shell (6063) Aluminium
Size (mm)	∅96xH100
Weight (approx)	181gm
Life	50,000 hrs



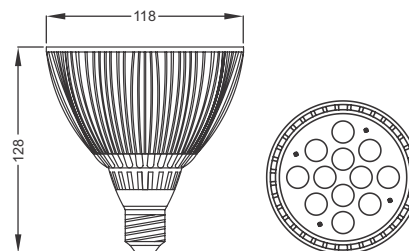
Specifications

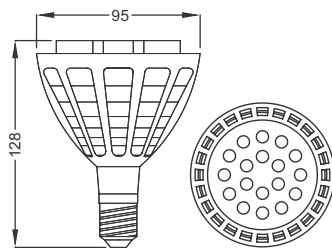
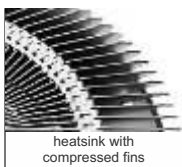
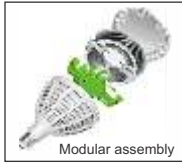
Order Code	CR-2013	CR-2014
Model	CR-030-PAR	CR-040-PAR
Power	9W	15W
LED Description	9x1W	15x1W
LED	SMD	
LED Source	EDISON	
Luminous Flux @Tj=85°C	100~110 LM/W - (WW)	135~143 LM/W - (CW)
Lumen Maintenance	L80	
Color Temperature Available (± 200K)	2700~3300K	5500~6500K
Beam Angle	120°	
Socket	E27	
Input Voltage	90~265VAC, 50/60 Hz	
CRI	Ra≥80	
Working Temperature	-20°C ~ +40°C	
Humidity	10%~90%	
Power Factor (optional)	≥0.9	
Material	Fin Shell (6063) Aluminium	
Size (mm)	φ96xH125	φ118xH132
Weight (approx)	162gm	315gm
Life	50,000 hrs	



Specifications

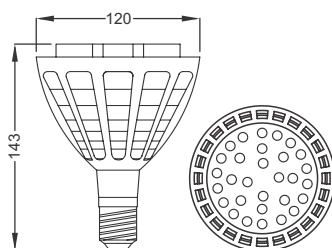
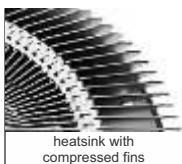
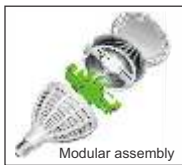
Order Code	CR-2015	
Model	CR-039-PAR	
Power	12W	
LED Description	12x1W	
LED	SMD	
LED Source	EDISON	
Luminous Flux @Tj=85°C	100~110 LM/W - (WW)	135~143 LM/W - (CW)
Lumen Maintenance	L80	
Color Temperature Available (± 200K)	2700~3300K	5500~6500K
Beam Angle	35°	
Socket	E27	
Input Voltage	90~265VAC, 50/60 Hz	
CRI	Ra≥80	
Working Temperature	-20°C ~ +40°C	
Humidity	10%~90%	
Power Factor (optional)	≥0.9	
Material	Fin Shell (6063) Aluminium	
Size (mm)	φ118xH128	
Weight (approx)	326gm	
Life	50,000 hrs	





Specifications

Order Code	CR-2016	
Model	CR-30X-PAR	
Power	30W	
LED Description	18Pcs	
LED	SMD	
LED Source	CREE	
Luminous Flux	@T _J = 85 °C 104 LM/W - (WW)	119 LM/W - (CW)
Color Temperature Available (± 200K)	2700~3300K	5500~6500K
Optional LED Source Available EVERLIGHT	99 LM/W - (WW)	113 LM/W - (CW)
Lumen Maintenance	L80	
Beam Angle	30°	
Socket	E27	
Input Voltage	90~265VAC, 50/60 Hz	
CRI	Ra≥80	
Working Temperature	-20°C ~ +40°C	
Humidity	10%~90%	
Power Factor	≥0.9	
Material	Fin Shell (6063) Aluminium, (With Cooling Fan)	
Size (mm)	φ95xH128	
Weight (approx)	140gm	
Life	50,000 hrs	



Specifications

Order Code	CR-2017	
Model	CR-38X-PAR	
Power	60W	
LED Description	30Pcs	
LED	SMD	
LED Source	CREE	
Luminous Flux	@T _J = 85 °C 99 LM/W - (WW)	112 LM/W - (CW)
Color Temperature Available (± 200K)	2700~3300K	5500~6500K
Optional LED Source Available EVERLIGHT	94 LM/W - (WW)	106 LM/W - (CW)
Lumen Maintenance	L80	
Beam Angle	35°	
Socket	E27	
Input Voltage	90~265VAC, 50/60 Hz	
CRI	Ra≥80	
Working Temperature	-20°C ~ +40°C	
Humidity	10%~90%	
Power Factor	≥0.9	
Material	Fin Shell (6063) Aluminium, (With Cooling Fan)	
Size (mm)	φ120xH143	
Weight (approx)	160gm	
Life	50,000 hrs	

