

PRECISION

Decorative | Dimmable | Insta-fit | Parabolic aluminized reflector

PAR Lamps Series



Control light precisely!



Wide Loyal Parabolic aluminized reflector (PAR) bulb series control light more precisely. They produce about four times the concentrated light intensity of general service A shape incandescents, and are used in recessed and track lighting.

These dimmable lamps are energy saving replacements for 35W, 50W, 75W and 90W halogen PAR lamps, respectively, saving up to 80% in energy costs. They are free of UV and IR radiation, minimizing discoloration and fading of materials. Lead and mercury free RoHS-compliant. The color rendering index range is 85-90, providing excellent light quality for use in many applications in homes, retail, hospitality, art galleries and museums.

See reverse side for specifications.

Wide Loyal Developments Ltd. • Los Angeles, CA • Seattle, WA • Vancouver, BC

US & Canada: 1-888-303-0931 (Toll Free) Fax: 1-888-303-0932 www.wideloyal.com e-mail: sales@wideloyal.com

TIP: By changing incandescent or halogen bulbs to LED, you immediately realize up to 80% energy cost savings and years of maintenance-free operation.



TECHNICAL SPECIFICATIONS

Item Number	LL-P16M023	LL-P16G023	LL-P20E023	LL-P30E023
Description	LED MR16	LED GU10	LED PAR20	LED PAR30
Voltage	12V	120V	120V	120V
Shape	PAR16	PAR16	PAR20	PAR30
Base	GU5.3	GU10	E26	E26
Wattage	6W	5W	8W	11W
CCT	6500 / 3000 K	6500 / 3000 K	6500 / 3000 K	6500 / 3000 K
CRI	>80 Ra	>80 Ra	>80 Ra	>80 Ra
Luminous Flux	460 / 410 Lm	330 / 280 Lm	550 / 470 Lm	700 / 690 Lm
Power Efficacy	90 Lm/W	90 Lm/W	90 Lm/W	90 Lm/W
Beam Angle	30°	30°	120°	120°
Operating Temp	-20~40°C	-20~40°C	-20~40°C	-20~40°C
Preservation Temp	-20~90°C	-20~90°C	-20~90°C	-20~90°C
Humidity	95%Rh or below (@-20~40°C)	95%Rh or below (@-20~40°C)	95%Rh or below (@-20~40°C)	95%Rh or below (@-20~40°C)
LED Chip	Epistar	Epistar	Epistar	Epistar
LED Type	SMD	SMD	SMD	SMD
Length	46mm	55mm	83mm	112mm
Diameter	Φ50mm	Φ50mm	Φ63mm	Φ95mm
Weight	0.063 Kg	0.065 Kg	0.17 Kg	0.27 Kg
Housing	Zinc Alloy + PC	Zinc Alloy + PC	Zinc Alloy + PC	Zinc Alloy + PC
IP Code	IP20	IP20	IP20	IP20
Lifespan	35,000 Hours	35,000 Hours	35,000 Hours	35,000 Hours



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