

LED PAR Lamps



INDOOR SERIES



PRODUCT OVERVIEW

The **AL TSA LED Par Lamps** is self-ballasted lamps that can host various bases, used to replace any standard CFL or incandescent lamp.

In some instances the bases will have to be replaced to suit the new LED Bulb. Great energy saving can be achieved by simply replacing compact fluorescent lamps.

The **AL TSA LED Par Lamps** provide extremely efficient heat dissipation due to the built in heat-sink, ensuring a life expectancy over 50, 000 hours, almost 3 times longer than the standard compact fluorescent lamps.

Quality comes standard...



Hours
LIFESPAN



IP20 | IP65
INDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Office Buildings

Hotels

Shopping Malls

Supermarkets

Factory Workshops

Hospitals

FEATURES

Latest plastic Aluminium Process

Low light failure

Efficient heat dissipation

Long Life

High quality translucent shade

Standard GU10 Base

Light transmission rate up to 90%

Flicker Free

Low Glare Design

Turbine cooling design

CONSTRUCTION DETAILS

Aluminium Housing

PC Lens

Silver/White/Black Finish

IP20 Ingress Protection

IP65 Available

LED PAR Lamp

TECHNICAL DATA | E27 IP65 PAR38

MODEL No.:	VOLTAGE (V)	POWER (W)	BEAM ANGLE	LUMEN (lm/W)	SIZE (mm)	CCT (K)
MB/IP65/PAR38/12	100-265VAC	12	40°120°	100-120	Ø120x148	4000-6000
MB/IP65/PAR38/15	100-265VAC	15	40°120°	100-120	Ø120x148	4000-6000
MB/IP65/PAR38/20	100-265VAC	20	40°120°	100-120	Ø120x148	4000-6000



TECHNICAL DATA | E27/G12 IP20 PAR30 (A)

MODEL No.:	VOLTAGE (V)	POWER (W)	BEAM ANGLE	LUMEN (lm/W)	SIZE (mm)	CCT (K)	LED TYPE
MB/PAR30/35W-A	100-265VAC	35	120°	100	Ø92x110	4000-6000	SMD LED
MB/PAR30/45W-A	100-265VAC	45	120°	100	Ø92x110	4000-6000	SMD LED
MB/PAR30/60W-A	100-265VAC	60	120°	100	Ø92x110	4000-6000	SMD LED



TECHNICAL DATA | E27/G12 IP20 PAR30 (B)

MB/PAR30/25W-B	100-265VAC	25	15°24°36°	100	Ø95x117	4000-6000	SMD LED
MB/PAR30/30W-B	100-265VAC	30	15°24°36°	100	Ø95x117	4000-6000	SMD LED
MB/PAR30/35W-B	100-265VAC	35	15°24°36°	100	Ø95x117	4000-6000	SMD LED
MB/PAR30/40W-B	100-265VAC	40	15°24°36°	100	Ø95x117	4000-6000	SMD LED



TECHNICAL DATA | E27/G12 IP20 PAR30 (C)

MB/PAR30/25W-C	100-265VAC	25	15°30°	90	Ø95x126	4000-6000	COB LED
MB/PAR30/30W-C	100-265VAC	30	15°30°	90	Ø95x126	4000-6000	COB LED
MB/PAR30/35W-C	100-265VAC	35	15°30°	90	Ø95x126	4000-6000	COB LED
MB/PAR30/40W-C	100-265VAC	40	15°30°	90	Ø95x126	4000-6000	COB LED



MECHANICAL DATA

LED Brand:	Hongli COB	SMD 3030	COB LED
Size:	GU10 50x53 50x54 MR16 50x58 50x60		
Operating Temperature:	-20°C ~ 50°C		
Housing Material:	Aluminium		
Lens Material:	PC		
Flicker&DLC/Glare Specification:	SVM<0.4 DLC V4.0 UGR22		
Housing Finish:	Silver/White/Black		
IP Rating	IP20		
Humidity Range:	30-60%		

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ELECTRICAL DATA

		FEATURES
Driver:	Zhengyuan	EMC Applicable
Electrical Class:	Class 1	Triac Dimmable
Nominal Voltage Range:	184 - 265 VAC	Dimming Driver 0-100% DIM
Power Factor:	>0.90	
THD:	20%	
Surge Protection:	Standard 1000V- Optional 2750V	
Battery Backup:	20% 30 - 90 Minutes	
Cable Entry:	Bottom	
Mounting Configuration:	Fitting Mount	