

LED GU10



INDOOR SERIES



PRODUCT OVERVIEW

The **AL TSA LED GU10** is a self-ballasted lamp, used to replace any standard halogen or CFL GU10 lamp. Great energy savings can be achieved even with replacing compact fluorescent lamps.

The **AL TSA LED GU10** lamps provides extremely efficient heat dissipation due to their built in heat sink, ensuring a life expectancy of over >50 000 hours almost twice as long as a standard compact florescent bulb.

Quality comes standard...



Hours
LIFESPAN



IP20
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

Glass Lens

Silver/White/Black Finish

IP20 Ingress Protection

LED GU10 | Technical Data

MODEL No.:	VOLTAGE (V)	POWER (W)	BEAM ANGLE	LUMEN (lm/W)	SIZE	CCT (K)	LED TYPE	POWER FACTOR (PF)
GU1003/*/**	100-265VAC	3	38°/60°	220-280	Ø50x53	2000-6000	COB CRI80	0.60
MR1603/*/**	12VAC/DC	3	38°/60°	220-280	Ø50x58	2000-6000	COB CRI80	0.60
GU1045/*/**	100-265VAC	4.5	25°/45°	380-420	Ø50x53	2000-6000	SMD 3030	0.60
MR1645/*/**	12VAC/DC	4.5	25°/45°	380-420	Ø50x58	2000-6000	SMD 3030	0.60
GU1005/*/**	100-265VAC	5	38°/60°	420-480	Ø50x53	2000-6000	COB CRI80	0.60
MR1605/*/**	12VAC/DC	5	38°/60°	420-480	Ø50x58	2000-6000	COB CRI80	0.60
GU1065/*/**	100-265VAC	6.5	24°/45°	480-550	Ø50x54	2000-6000	SMD 3030	0.80
MR1665/*/**	12VAC/DC	6.5	24°/45°	480-550	Ø50x60	2000-6000	SMD 3030	0.80

* Beam Angle: 25° (025) / 38° (038) / 45° (045) / 60° (060)

** Colour Temperature: 2000-3000K (02) / 4000K (04) / 6000K (06)

MECHANICAL DATA

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

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:	Suspended	

LED GU10

DIMENSIONAL DATA

MODEL No.:	C	D
GU1003/*/**	50mm	53mm
MR1603/*/**	50mm	58mm
GU1045/*/**	50mm	53mm
MR1645/*/**	50mm	58mm
GU1005/*/**	50mm	53mm
MR1605/*/**	50mm	58mm
GU1065/*/**	50mm	54mm
MR1665/*/**	50mm	60mm

