

HIGH POWER Lamps



INDOOR SERIES



PRODUCT OVERVIEW

The **AL TSA High Power Lamp** use Epistar 2835 chipset technology, which provide extreme lumen output and long lasting stability. Heatsink is constructed from 1070 aluminium alloy for better heat dissipation. It is designed to withstand most weather conditions with its fully IP64 rated casing.

The **AL TSA High Power Lamp** range offers a life expectancy of >50 000 hours it can easily be installed and with virtually no maintenance.

Quality comes standard...



Hours
LIFESPAN



IP65
INDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Shopping Malls	Airports	Warehouse/Factories	Industrial Complexes
Mining Industry	Estates	Parking Areas	Shipping Yards

FEATURES

High Luminous Efficiency 150lm/W	Glare Rate UGR 22
Flame retardant Polycarbonate housing	Water and Dust Proof
Cast Aluminium Alloy Heat Sink	
Excellent heat dissipation	

CONSTRUCTION DETAILS

Aluminium Housing
PC Lens
Silver/White/Black Finish
IP65 Ingress Protection

High Power Lamps

TECHNICAL DATA

MODEL No.:	VOLTAGE (V)	POWER (W)	BASE	LUMEN (lm)	SIZE E27 (mm)	SIZE E40 (mm)	CCT (K)	Beam Angle
MB-LLS-12/*	100-265VAC	12	E27, E40	1800	Ø64x157	Ø64x165	2200-6000	360°
MB-LLS-16/*	100-265VAC	16	E27, E40	1800	Ø64x167	Ø64x175	2200-6000	360°
MB-LLS-20/*	100-265VAC	20	E27, E40	3000	Ø64x187	Ø64x195	2200-6000	360°
MB-LLS-24/*	100-265VAC	24	E27, E40	3000	Ø64x207	Ø64x215	2200-6000	360°
MB-LLS-27/*	100-265VAC	27	E27, E40	4050	Ø93x203	Ø93x209	2200-6000	360°
MB-LLS-36/*	100-265VAC	36	E27, E40	5400	Ø93x233	Ø93x240	2200-6000	360°
MB-LLS-45/*	100-265AC	45	E27, E40	5850	Ø93x264	Ø93x270	2200-6000	360°
MB-LLS-54/*	100-265VAC	54	E27, E40	8100	Ø93x274	Ø93x280	2200-6000	360°

* Base: E27 (27) / E40 (40)

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

MECHANICAL DATA

LED Brand:	Hongli 2835
Size:	D148
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	IP65
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:	12%	
Surge Protection:	Standard 1000V- Optional 2750V	
Battery Backup:	20% 30 - 90 Minutes	
Cable Entry:	Bottom	
Mounting Configuration:	Suspended	

High Power Lamps

Replace HPS

