

AL TSA Streetlight Insert



OUTDOOR SERIES



PRODUCT OVERVIEW

Specifically developed to convert existing street lights to LED. High efficiency LED chipset with excellent heat dissipating heatsinks are used to ensure optimal thermal control.

This ensures a stable product with maintained light output which is virtually maintenance free. It has an expected lifespan of 50 000hrs with a 5 year warranty.

Quality comes standard...



Hours
LIFESPAN



IP66
OUTDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Parking Lots/Mines/Industrial Areas
Parks / Shopping Malls
Houses/Estates/Business Parks

CONSTRUCTION DETAILS

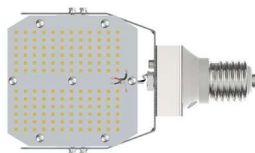
Aluminium Housing
PMMA Lens
Black/Silver Finish
IP66 Ingress Protection
IK10 Impact Resistance

FEATURES

High Reliability LED Chipsets
Beam Angle: 160°
Life Expectancy >50,000hrs
5 Year Warranty
Light Weight

Streetlight Retrofit Insert | Technical Data

MODEL No.:	POWER (W)	BEAM ANGLE	LUMEN (lm/W)	CRI	CCT (K)	WORKING VOLTAGE	LED TYPE	SIZE (MM)
MB-LRS-80W	80	160°	135	>80	2700-6500	100-277	SMD 2835	D101x287x82
MB-LRS-100W	100	160°	135	>80	2700-6500	100-277	SMD 2835	D101x287x82
MB-LRS-120W	120	160°	135	>80	2700-6500	100-277	SMD 2835	D101x287x82
MB-E40-60W	60	160°	130	>80	2700-6500	100-277	Philips 3030	L(220-260)134x77
MB-E40-80W	80	160°	130	>80	2700-6500	100-277	Philips 3030	L(220-260)134x77
MB-E40-100W	100	160°	130	>80	2700-6500	100-277	Philips 3030	L(220-260)134x77
MB-E40-120W	120	160°	130	>80	2700-6500	100-277	Philips 3030	L(290-340)134x77
MB-E40-150W	150	160°	130	>80	2700-6500	100-277	Philips 3030	L(290-340)134x77
MB-E40-180W	180	160°	130	>80	2700-6500	100-277	Philips 3030	L(290-340)134x77



MECHANICAL DATA

Humidity Range:	30-60%
LED Brand:	Philips 3030 Hongli 2835
Operating Temperature:	-20°C ~ 50°C
Housing Material:	Aluminium
Lens Material:	PMMA With IK10 Impact Resistance
Housing Finish:	Black/Silver
IP Rating	IP66
Mounting Configuration:	Inserts Replacements
Glare Rating:	UGR 22
Flicker&DLC Specification:	SVM<0.4 DLC V4.0

ELECTRICAL DATA

FEATURES		
Driver:	Turefull	EMC Applicable
Electrical Class:	Class 1	Dali Control
Nominal Voltage Range:	100-277V	1-10V Control
Power Factor:	>0.95	
THD:	12%	
Surge Protection:	Standard 1000V- Optional 3000V	
Photocell:	External	
Cable Entry:	Bottom	

Inserted Streetlight Module | Technical Data

MODEL No.:	POWER (W)	BEAM ANGLE	LUMEN (lm/W)	CRI	CCT (K)	WORKING VOLTAGE	LED TYPE	IP RATE	SURGE PROTECTION
MB/MSM/28W	28/30	135°x 60°	150-160	>80	2700-6500	100-277	Philips 3030	IP65	20KV

BEKASTRADA REPLACEMENT

