



### ◆ FEATURES

- Reduce energy consumption and operating costs by as much as 75% or more
- Will replace 70W to 600W HPS or MH
- Safe to use in enclosed luminaires
- Maintenance free operation - lasts up to 10 longer than most conventional lighting
- Superior thermal management with aluminum PCB and aluminum housings
- IP64 rated for damp and wet environments
- Environmentally friendly - fully recyclable, no mercury or other hazardous material



# High Power LED “Corn” Lamps

Replacement bulbs suitable for general lighting applications.

Our products are engineered to install into existing infrastructure and fixtures, making the transition from traditional lighting sources simple and cost-effective.

### General Specifications:

Input voltage:	100-277V AC
Light Source:	Samsung LEDs
Color:	Warm White (3,000 Kelvin) Natural White (4,000 Kelvin) Daylight White (5,000 Kelvin)
CRI:	≥ 80 Ra
Beam Angle:	360°
Working Temp:	- 20° to 60° Celsius
Rated Life:	≥50,000 hours

### *5 Year Warranty*



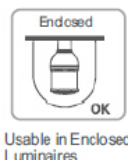
for more information email [info@emium.com](mailto:info@emium.com)

or call 224.735.3435 | [www.emium.com](http://www.emium.com)

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## SPECIFICATIONS

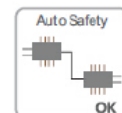
Model	EL-TL-CB-10W-XX	EL-TL-CB-18W-XX	EL-TL-CB-22W-XX	EL-TL-CB-27W-XX	EL-TL-CB-36W-XX	EL-TL-CB-45W-XX	EL-TL-CB-54W-XX	EL-TL-CB-80W-XX	EL-TL-CB-100W-XX	EL-TL-CB-120W-XX
Power	10W	18W	22W	27W	36W	45W	54W	80W	100W	120W
Input Voltage	100-277VAC									
No. of LEDs	32 Samsung LEDs	56 Samsung LEDs	70 Samsung LEDs	81 Samsung LEDs	108 Samsung LEDs	135 Samsung LEDs	156 Samsung LEDs	234 Samsung LEDs	280 Samsung LEDs	336 Samsung LEDs
Lumen Output	1370 lm	2470 lm	3020 lm	3860 lm	4900 lm	6380 lm	7500 lm	10860 lm	13540 lm	16440 lm
Beam	360°									
Color	Warm White 3000K, Natural White, Daylight White 5000K									
CRI	> 80									
DLC Listed	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Base	E26 (medium Edison)				E39 (mogul)					
Size	D 2.36" L 5.6"	D 2.75" L 6.7"	D 2.75" L 7.5"	D 3.67" L 8.3"	D 3.67" L 9.5"	D 3.67" L 10.6"	D 3.67" L 10.6"	D 5.8" L 9.2"	D 5.8" L 9.5"	D 5.8" L 10.4"
Operating Temp	-20°C to 60°C									
Life Rating	>50,000hrs									



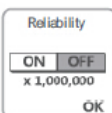
Usable in Enclosed Luminaires



Omni Wide Angle



Safety Protection Circuit



Reliability Test



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