



## LED HID Corn lamp 80-125 W

The LED HID corn lamps come in adjustable powers and adjustable CCT to meet the demands of diverse bay lighting and street lighting applications from a single lamp. It provides general area lighting and improve the overall illumination quality and colour re-production. The slim, low profile design adds architectural appeal to all lighting application with crisp uniform light that offer high performance and maximizing energy savings. Equivalent to 150W – 250W metal halide lamps.

### **Benefits**

- Instant start up.
- No Flickering, No Humming.
- No emission of IR and UV rays
- Long operating life of more than 50,000 hours for the LED ensures the system to be low on maintenance.
- Environment friendly, does not contain mercury (RoHS).

## Features

- Adjustable light output power using a turning knob fixed on the lamp base. Power options of 80W, 100W and 125W.
- Adjustable colour temperature (CCT) using a sliding switch. CCT options of 3000K, 4000K and 5000K
- Unique fin type heat sink and active cooling system, uses an increased cooling surface area to reduce the operating temperature of LED and Driver.
- Automatic power reduction circuitry to protect internal components from higher operating temperature in enclosed fixtures.
- Built in surge protection >6KV.
- Flame retardant casing.
- UV stabilized diffusers.
- Suitable for totally enclosed fixtures.

## Applications

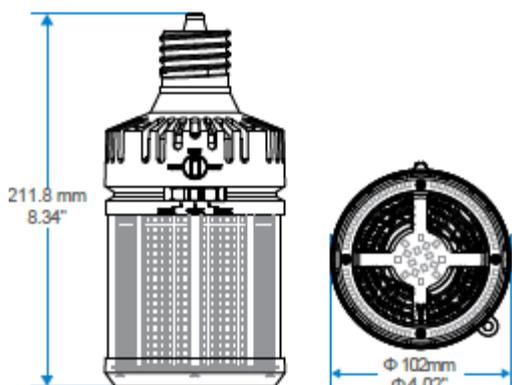
Exterior lighting applications to replace the metal halide lamps in

- Wall pack, Acorn, Canopy lights, Garage lights.
- Shoe box lights, street lights, flood lights.

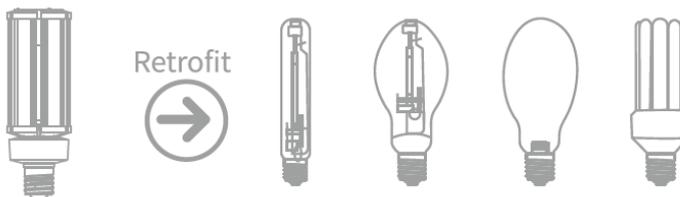
## Specifications

Model No.	S05325-125	Input Voltage	100-277 VAC
Type	Corn lamp (retrofit for MH/CMH)	Frequency	50-60Hz
Light Source	Lumileds 2835 SMD LED	Driver	Inbuilt
Power	80W / 100W / 125W (adjustable)	Base	E40
Power Factor	0.9	THD	<20%
Luminous flux (4000K)	80W = 12,800 LM 100W = 16,000 LM 125W = 19,870 LM	Beam Angle	360 Degree
Luminous efficacy	160 LM/W	Life	50,000 Hrs (L70)
CCT	3000K / 4000K / 5000K (adjustable)	CRI	>80
SDCM	<6	Working Temperature	-30 to 45 Deg C
IP Rating	IP20	T Cas max (Tc)	60 Deg C
Material	Aluminium + PC diffuser	Dimming	No
Bulb finish	Clear	Dimension	L213.8mm X D102mm
Net weight	1.15 Kg	Warranty	5 years
Equivalent lamp power	80W-125W LED HID= 150W-250W MH	Certifications	CE, RoHS, LM79, UL

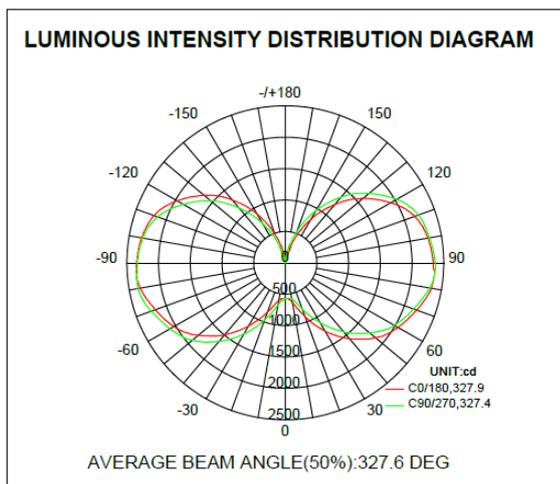
## Dimensions



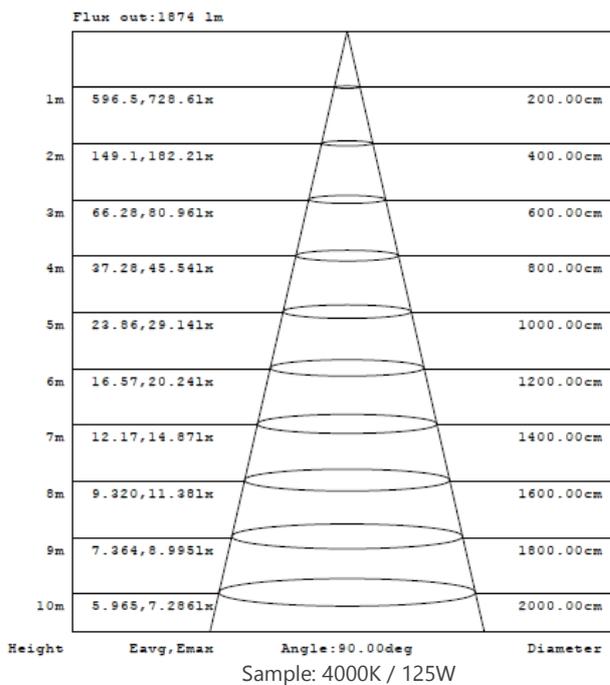
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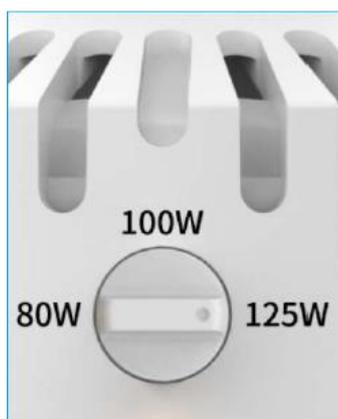
## Photometry



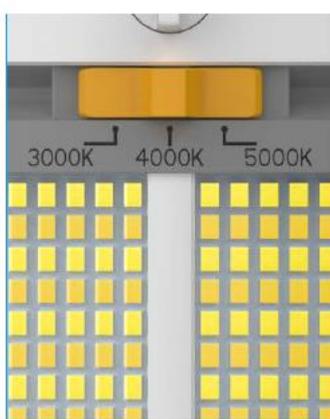
## Lux diagram



## Product features and Images



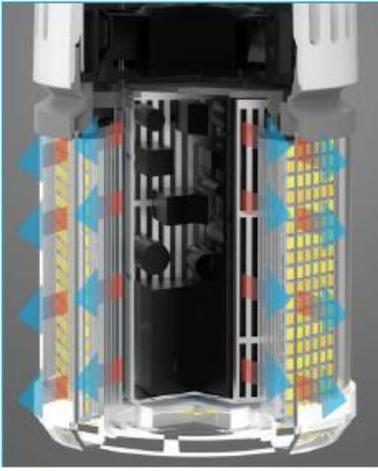
Power Selectable



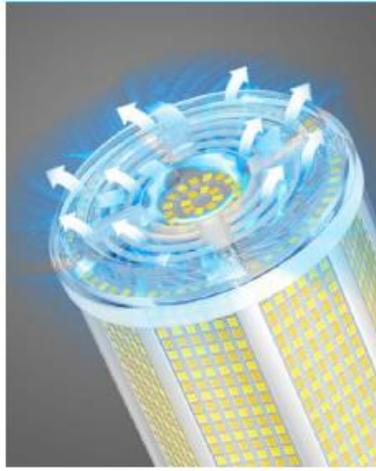
CCT Selectable: 3000K 4000K 5000K



High efficiency fan for quicker heat dissipation



Aluminum heat sink with high heat dissipation:  
The blade adopts a fluid corrugated design,  
which makes the heat dissipation  
performance better.



Hollow design achieves convection with the top  
and bottom air, enabling easy heat dissipation  
of the light source.



PC bottom transparent cover, 360° light , truly  
achieves no dead angle lighting.



Safety plate with hole design: a safety design  
to prevent falling and hitting people.