



# Heavy Duty Corn Lamp

54W

## Applications:

Residential and Commercial Applications.

**C**orn Lamps are a quick and easy solution to retrofit your existing outdoor lighting to energy-efficient LEDs. Due to its cylindrical design resembling a Corn COB (yellow LED chips assembled on an aluminium "cob"), its unique structure allows for 360-degree seamless illumination while the pure aluminium housing provides excellent heat dissipation. It also consists of a PC protective lens for its Jucan LED chips while providing flicker-free illumination.

Available in ultra-bright 54W for a wide range of applications such as Post Top Lamps, Bollard Pathway Lighting, Highway lighting, Interior High Bay lamps, and Street Lights. These dustproof lamps can be used vertically or horizontally.

Available in E27 base, or choose our optional adaptor to convert to an E40 base for simple replacement. This premium Corn Lamp comes with a 5 year warranty and available in industrial spec 5700K colour temperature.

## Product Performance

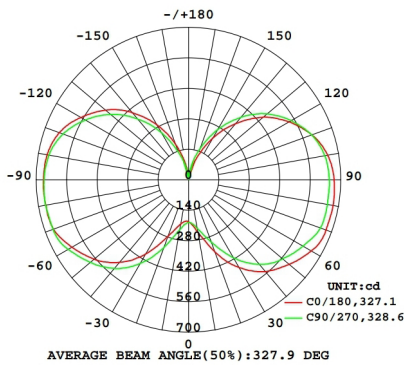
<b>Wattage</b>	54W
<b>Colour Temperature &amp; Stock Code</b>	5700K (Industrial Spec) - <b>B033</b>
<b>Operating Temperature</b>	-45~45°C
<b>Life Span/ LB Rating</b>	L80B10@50000hr
<b>IP Rating</b>	IP44
<b>Beam Angle</b>	360°
<b>Impact Protection Grade</b>	IK04
<b>Input Voltage</b>	100V-277V
<b>Surge Protection</b>	3kV
<b>Power Factor</b>	0.95
<b>CRI</b>	>80
<b>Lumen Output</b>	7 800 Lumens
<b>Lumen Efficiency</b>	145
<b>LED Chips</b>	2835
<b>LED Chips Qty</b>	429
<b>LED Chip Brand</b>	Epistar
<b>Dimmable</b>	Non-Dimmable
<b>Dimmable Range</b>	None
<b>(Dali/Trailing/Leading)</b>	None
<b>UGR</b>	≤18

## Physical Characteristics

<b>Weight (g)</b>	1060
<b>Housing Material</b>	Aluminum
<b>Product Dimensions (mm)</b>	80*260mm
<b>Cable Length</b>	None
<b>Mounting Option</b>	E27 / E40 (Adaptor Optional)
<b>Bracket Material</b>	None

## Luminous Intensity Distribution Diagram

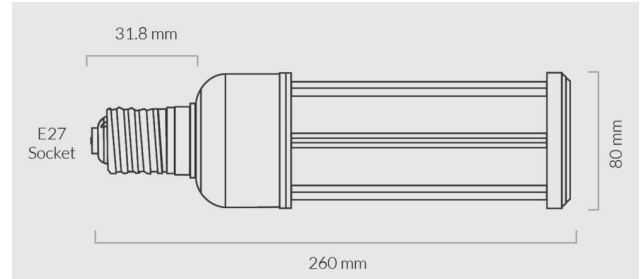
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## Packaging



## Dimension Drawing



## Technical Parameters

<b>Input Current</b>	0.6A
<b>Output Voltage</b>	33V
<b>Flicker(Y/N)</b>	No Flicker
<b>Humidity</b>	25%-90%
<b>Frequency</b>	50/60Hz
<b>In Rush Current</b>	≤50A 0.1mS
<b>Output Current</b>	1.45A
<b>THD</b>	<10%
<b>TA &amp; TC</b>	TA=45/TC=90
<b>IES (Yes or No)</b>	Yes
<b>Regulatory Qualifications</b>	
<b>Class Rating</b>	Class II
<b>Energy Efficiency</b>	>90%
<b>Certification</b>	CE, RoHS, TM21
<b>Accessories</b>	
<b>Optional accessories</b>	B033a - E27 to E40 adaptor
<b>Packaging info</b>	
<b>Storage Temp</b>	20~+45°
<b>Carton Size (mm)</b>	610*305*380
<b>QTY/CTN</b>	15
<b>Net Weight</b>	15.9
<b>Gross Weight</b>	16.7