



Corn Lamps

americanlite®

We light your world™



LED Corn Lamps

Wattage Selectable

27w/36w/45w/54w/63w/80w
100w/120w/150w/200w/240w/300w



Corn Lamps are designed as an energy efficient replacement to high intensity discharge (HID) lamps and SON lamps. They use a large arrangement of LEDs on their metal structure to provide a large amount of light. This arrangement of LEDs closely resembles a corn cob, hence the name "corn lamps".

In addition to being more energy efficient, Americanlite® LED Corn Lamps have a higher lumen maintenance than standard metal halide lamps meaning that while MH bulbs lose lumens quickly, Americanlite® LED Corn Lamps maintain a bright light throughout their lifespan.

Industrial Grade PC body and Clear PC lens, combined with internal aluminum fins (no fan) for a high lumen transmission using Lumileds led chips, reducing glare and providing exceptional visual comfort and performance. We have integrated the most advanced Power selectable system, with internal driver, 120-277v and up to 6KV surge protection; beam angles from 141° to 360°, and up to 145 lumens per watt, optional sensors makes Americanlite® LED Corn Lamps the best retrofit option in the market.

Americanlite® LED Corn Lamps are the perfect retrofit for post top fixtures, High bays, and many more. Widely used in streets, parking lots, recreational areas, supermarkets, warehouses, garage, hotels, hospitals, schools, any place where energy savings are important.

Ordering information

Model	Watts	Base	CCT	Lumens	Dia.	Length (mm)	CCT
AL571600	27w/18w/12w	E26	5000k	3429/2286/1524	60	173	Blank 5000K
AL571601	36w/27w/18w	E26	5000k	4752/3654/2286	85	192	6 6500K
AL571602	45w/36w/27w	E26	5000k	5985/4752/3429	85	231	4 4000K
AL571603	54w/45w/36w	E26	5000k	7020/5985/4752	85	231	3 3000K
AL571604	63w/54w/36w	E26	5000k	8190/7020/4752	85	238	
AL571605	27w/18w/12w	E39	5000k	3429/2286/1524	60	186	
AL571606	36w/27w/18w	E39	5000k	4752/3654/2286	85	211	
AL571607	45w/36w/27w	E39	5000k	5985/4752/3429	85	250	
AL571608	54w/45w/36w	E39	5000k	7020/5985/4752	85	250	
AL571609	63w/54w/36w	E39	5000k	8190/7020/4752	85	257	
AL571610	80w/63w/54w	E39	5000k	10240/8064/6912	130	268	
AL571611	100w/80w/63w	E39	5000k	12800/10240/8064	130	280	
AL571612	120w/100w/80w	E39	5000k	15600/13000/10400	130	301	
AL571613	150w/125w/100w	E39	5000k	21750/18125/14500	125	350	
AL571614	200w/170w/150w	E39	5000k	29000/24650/21750	125	350	
AL571615	240w/210w/180w	E39	5000k	34800/30450/26100	125	350	
AL571616	300w/270w/240w	E39	5000k	43500/39150/34800	125	350	

Options

- M *Motion Sensor
- P *PIR Sensor
- R *Remote
- (*for 80w-300w)

Notes

- Minimum lamp compartment dimensions (mm):

27w=340x200x200	100w=440x240x240
36w=380x200x200	120w=440x260x260
45w/54w=420x210x210	150w=300x300x470
63w=420x230x230	200w-300w=for use
80w=420x230x230	in open fixtures only

- Surge Protection:

- 27w-63w = Driver : L-N: 4kV
- 80w-120w= Driver : L-N: 4kV = Driver : L-N: 6kV
- 150w-300w= Driver : L-N: 4kV = Driver : L-N: 4kV
- Lumen / Power Tolerance=10%
- Lumens based on 5000K
- 3000K / 6500K = No DLC

- Beam Angle:

- 27w-36w = 210°
- 45w = 189° / 54w = 185°
- 63w = 182° / 80w = 141°
- 100w = 142° / 120w = 250°
- 150w-300w = 360°

- Power Selectable:

- 27w-120w = 3 level adjustable switch
- 150w-300w = 0-100% adjustable gear

Packing information

Model	CBM (master)	Pieces per master	Master box (cm)
27w	0.0270	24	28 x 21.5 x 45
36w	0.0292	12	38 x 29 x 26.5
45w / 54w	0.0336	12	38 x 29 x 30.5
63w	0.0347	12	38 x 29 x 31.5

Model	CBM (master)	Pieces per master	Master box (cm)
80w	0.0365	6	42 x 28.5 x 30.5
100w	0.0377	6	42 x 28.5 x 31.5
120w	0.0400	6	42 x 28.5 x 33.5
150w-300w	0.0695	6	51 x 34.5 x 39.5



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12w/18w/27w/36w/45w/54w
75w/100w/120w



Damp Location	IP64	Lumens up to 155LxW
6kV Surge Protector	VOLTS 120-277	360° Beam Angle
Base E26 E39	CCT 5000K	CRI >80
SDCM <6	PF ≥.90	THD ≤20%
-40°C-45°C	50,000	5 YEAR Warranty

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In addition to being more energy efficient, Americanlite® LED Corn Lamps have a higher lumen maintenance than standard metal halide lamps meaning that while MH bulbs lose lumens quickly, Americanlite® LED Corn Lamps maintain a bright light throughout their lifespan.

Industrial grade UV resistant PC housing, high dissipation aluminum body, frosted lens with high lumen transmission with reduced glare, provides exceptional visual comfort and performance. 360° beam, a stunning up to 155 lumens per watt, 120-277v and up to 6KV surge protection makes Americanlite® LED Corn Lamps the best retrofit option in the market.

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Ordering information

Model	W	Base	CCT	Lumens	Diameter	Length	CCT
AL571620	12w	E26	5000k	1728	60mm	125mm	Blank 5000K
AL571621	18w	E26	5000k	2592	60mm	145mm	6 6500K
AL571622	27w	E26	5000k	3888	60mm	170mm	4 4000K
AL571623	36w	E26	5000k	5184	85mm	192mm	3 3000K
AL571624	45w	E26	5000k	6480	85mm	231mm	
AL571625	54w	E26	5000k	7776	85mm	231mm	
AL571626	12w	E39	5000k	1728	60mm	138mm	Options
AL571627	18w	E39	5000k	2592	60mm	158mm	2 E27 Base
AL571628	27w	E39	5000k	3888	60mm	183mm	
AL571629	36w	E39	5000k	5184	85mm	211mm	
AL571630	45w	E39	5000k	6480	85mm	250mm	
AL571631	54w	E39	5000k	7776	85mm	250mm	
AL571632	75w	E39	5000k	10800	130mm	250mm	
AL571633	100w	E39	5000k	14400	130mm	262mm	
AL571634	120w	E39	5000k	17280	130mm	283mm	

Notes

- Minimum lamp compartment dimensions (mm):

12w=300x180x180	54w=420x210x210
18w=320x190x190	75w=420x230x230
27w=340x200x200	100w=440x240x240
36w=380x200x200	120w=440x260x260
45w=420x210x210	
- Surge Protection: 12w-54w=4KV / 75w-120w=6KV
- Do not use with Dimmers
- E27 = NO UL
- Lumen / Power Tolerance=10%
- Lumens based on 5000K
- Lumens per CCT

6500K	155LM/W
5000K	144LM/W
4000K	136LM/W
3000K	128LM/W

Packing information

Model	CBM (master)	Pieces per master	Master box (cm)
12w	0.0216	24	28 x 21.5 x 36
18w	0.0240	24	28 x 21.5 x 40
27w	0.0270	24	28 x 21.5 x 45
36w	0.0292	12	39 x 29 x 26.5
45w / 54w	0.0336	12	38 x 29 x 30.5
75w	0.0359	6	42 x 28.5 x 30
100w	0.0377	6	42 x 28.5 x 31.5
120w	0.0400	6	42 x 28.5 x 33.5



Warranty

Americanlite® is pleased to provide a 5 year limited warranty covering the LED lamps in this catalogue. Americanlite® warrants that the LED lamps comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, ETL or UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed fixtures to determine the cause of failure, excessive lumen depreciation and patterns of usage.