



project name	type
catalog number	voltage
approved by	date

HID REPLACEMENT LED LAMPS - CORN COB

EiKO's HID Corn Cob lamps deliver a high-performance, direct-fit retrofit solution for traditional HID lamps in post top, area lights, wall packs, and high bay applications. Rugged aluminum construction and robust electrical design ensure long-term reliability in demanding outdoor and industrial environments. PowerSET & ColorSET settings allow installers to select optimal light output during installation, while dedicated 277-480V options eliminate the need for step-down transformers.



FEATURES AND BENEFITS

PERFORMANCE

- Replaces up to 500W traditional HID lamps in both E26 and EX39 base configurations
- Field Selectable CCT and Power for simplified SKU management and field customization.
 - PowerSET: 3 step power tuning for 120-277V models
 - ColorSET: 3 CCT settings (3000K/4000K/5000K)
- Input voltage:
 - 100-277V
 - 277-480V
- Dedicated 277-480V options eliminate the need for step-down transformers in high-voltage installations
- Technical Performance:
 - Efficacy up to 148 lpw
 - CRI >80
 - L70 Rated Life: >50,000 hours (3X longer than metal halide or HPS)
 - Power Factor: >0.9
 - THD: <20%
 - Surge Protection: 4kV
- All EX39 lamps are DLC 5.1 Qualified, E26 are DLC Exempt
- Enclosed Fixture installation Rated

CONSTRUCTION

- Fanless Design for Long-Term Reliability
 - Innovative heat sink design eliminates mechanical parts
 - No risk of fan failures in harsh outdoor and industrial environments
- Operating Temperature: -22°F to 140°F (-30°C to 60°C)
- Damp Location Rated
- IP64 Rated: damp and water ingress protection for indoor and outdoor use

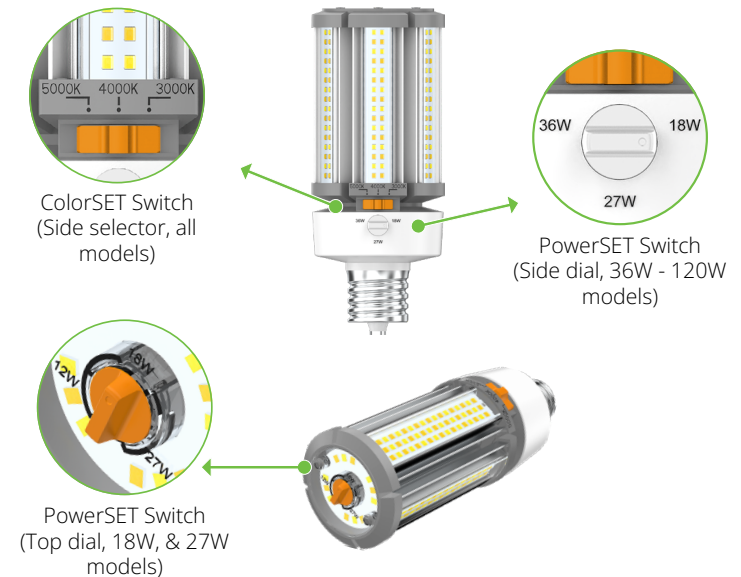
INSTALLATION

- Type B Ballast Bypass Design - Direct AC connection
- Simple retrofit - Direct HID lamp replacement with integral driver
- Flexible Mounting Positions:
 - Universal mounting position for <100W models
 - Vertical mounting for 100W and 120W models
- Safety cable provided for 100W and 120W models

APPLICATIONS

- Parking lots, Pathways
- Wall Packs
- High Bays
- Post Area & Shoe Box lights

FIELD SELECTABLE SETTINGS



DIRECT FIT INTO TRADITIONAL HID LAMP BASES

E26



EX39

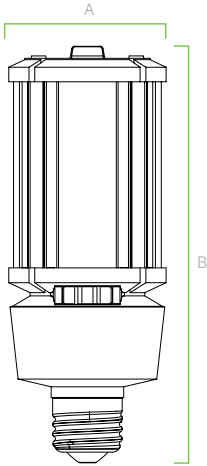


AVAILABLE MODELS

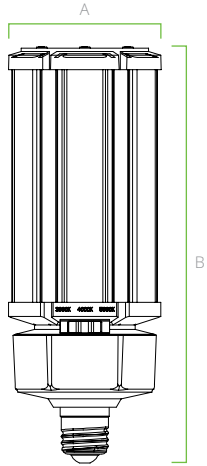
ORDER CODE	MODEL	HID REPLACEMENT WATTAGE (W)	WATTS (W)	LUMENS (LM)	CCT (K)	EFFICACY (lm/W)	INSTALL POSITION	DLC ID #
E26								
120-277V								
12706	LPS18CC/8FCCT/U/E26	up to: 70W	18/12/9W	2,610/1,740/1,305 lm	3000/4000/5000K	128-144 lm/W	Universal	Exempt
12707	LPS27CC/8FCCT/U/E26	up to: 100W	27/18/12W	3,915/2,610/1,740 lm	3000/4000/5000K	130-144 lm/W	Universal	Exempt
12708	LPS36CC/8FCCT/U/E26	up to: 150W	36/27/18W	5,220/3,915/2,610 lm	3000/4000/5000K	127-143 lm/W	Universal	Exempt
12710	LPS54CC/8FCCT/U/E26	200W, 175W	54/45/36W	7,830/6,525/5,220 lm	3000/4000/5000K	131-148 lm/W	Universal	Exempt
277-480V								
12720	L36WCC/8FCCT/V/E26	150W, 100W	36W	5,040 lm	3000/4000/5000K	140 lm/W	Universal	Exempt
12722	L54WCC/8FCCT/V/E26	200W, 175W	54W	7,560 lm	3000/4000/5000K	140 lm/W	Universal	Exempt
EX39								
120-277V								
12712	LPS27CC/8FCCT/U/EX39	up to: 100W	27/18/12W	3,915/2,610/1,740 lm	3000/4000/5000K	130-144 lm/W	Universal	S-Y9KFOM
12713	LPS36CC/8FCCT/U/EX39	up to: 150W	36/27/18W	5,220/3,915/2,610 lm	3000/4000/5000K	127-143 lm/W	Universal	S-9N2JD7
12715	LPS54CC/8FCCT/U/EX39	200W, 175W	54/45/36W	7,830/6,525/5,220 lm	3000/4000/5000K	131-148 lm/W	Universal	S-FUJBHG
12718	LPS100CC/8FCCT/U/EX39	400W, 320W, 250W	100/80/63W	14,500/11,600/9,135 lm	3000/4000/5000K	131-143 lm/W	Vertical	S-79SXLH
12719	LPS120CC/8FCCT/U/EX39	up to: 500W	120/100/80W	17,400/14,500/11,600 lm	3000/4000/5000K	123-140 lm/W	Vertical	S-N9EB3F
277-480V								
12723	L36WCC/8FCCT/V/EX39	up to: 150W	36W	5,040 lm	3000/4000/5000K	140 lm/W	Universal	S-IET84J
12725	L54WCC/8FCCT/V/EX39	200W, 175W	54W	7,560 lm	3000/4000/5000K	140 lm/W	Universal	S-SY9HN8
12727	L100WCC/8FCCT/V/EX39	400W, 320W, 250W	100W	14,000 lm	3000/4000/5000K	140 lm/W	Vertical	S-IJAEBF

All field selectable lamps ship at the highest wattage setting and at 5000K

PRODUCT DIMENSIONS

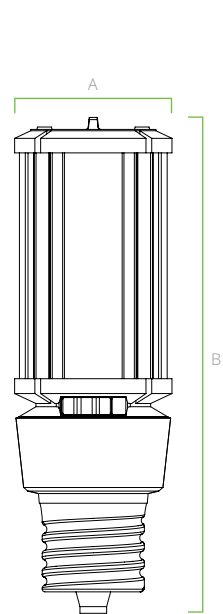


E26	A	B
120-277V		
18W	2.4" 60mm	6.14" 156mm
27W		6.7" 171mm
36W	3.35" 85mm	7.75" 197mm
54W		8.9" 227mm

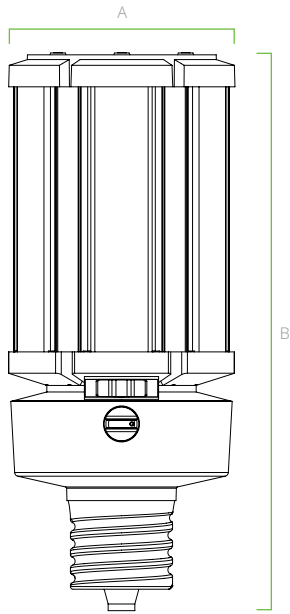


E26	A	B
277-480V		
36W	3.35" 85mm	7.95" 202mm
54W		9.13" 232mm

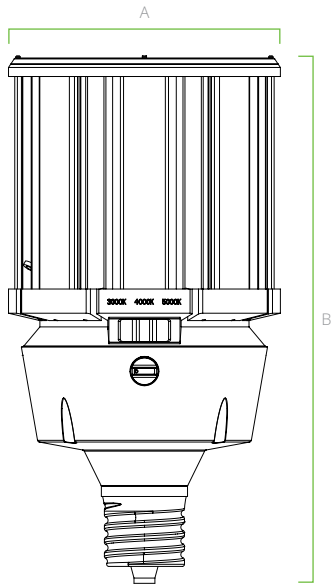
PRODUCT DIMENSIONS



EX39	A	B
120-277V		
27W	2.4" 60mm	7.3" 186mm



EX39	A	B
120-277V		
36W	3.35" 85mm	8.2" 209mm
54W		9.4" 239mm
277-480V		
36W	3.35" 85mm	8.60" 219mm
54W		9.80" 249mm



EX39	A	B
120-277V		
100W	5.1" 130mm	10.5" 266mm
120W		11.25" 286mm
277-480V		
100W	5.1" 130mm	10.48" 266mm