

HID RETROFIT INTEGRATED BALLAST

PROJECT: _____

SCHEDULE: _____ DATE: _____

PREPARE BY: _____

NOTES: _____

DESCRIPTION

naturaLED® Corn lamps are an easy LED replacement for HID and CFL lamps. These lamps have an integrated driver, dissipate heat (without the use of a fan) with extended aluminum heatsink. Available in E26 and EX39 base, with wattage options ranging from 18W, 27W, 36W, and 80W. naturaLED® Corn lamps feature a high lumen output and are perfect solutions for industrial, commercial & residential applications.



APPLICATIONS

High Bay, Ceiling, Garden, Commercial Building, Parking Garage, Post top



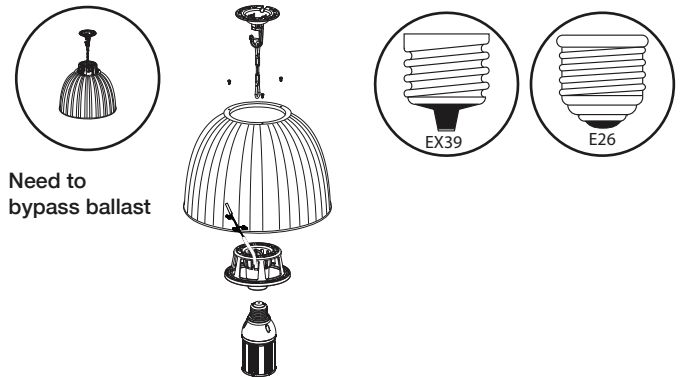
Rated Life Hours 50,000
Warranty 5 Years

FEATURES

- DLC Standard
- IP64 Rated
- UL Listed
- ColorTemp: 5000K
- Voltage: 120-277V (By-pass ballast)
- Input Current: 18W=0.18A, 27W=0.23A, 36W=0.31A, 80W=0.67A
- Power Factor: >0.9
- Surge Protection: 18W/27W/36W=2KV, 80W=4KV
- Beam Angle: 360°
- CRI >80
- Operating temperature: - 40°F - 113°F
- 5Year Warranty
- 50,000 hrs rated average life

DIRECT REPLACEMENT

BASE



Need to bypass ballast

SAMPLE NUMBER LED36HID/EX39/558L/850

STYLE	WATTAGE	SERIES	BASE	LUMENS	CRI	COLOR TEMP
LED	36	HID	EX39	558L	8	50
LED Lighting	36 Watt	HID Lamp	EX39 Base	< 5,580 Lumens	CRI 80	5000K



HID Retrofit Integrated Ballast

Cornlights

ORDERING

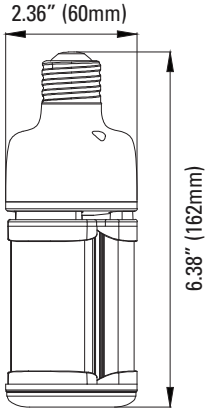
*P= Premium DLC / *S = Standard DLC

Watts (W)	Ordering Code	Description	CCT (K)	Bare Lamp Lumens (Lm)	Lumens (Lm)*	Equiv. Wattage (W)	Base	IP64 Rated	DLC (S/P)
18	4609	LED18HID/E26/279L/850	5000K	2,790	2,790	50-150	E26	•	-
27	4610	LED27HID/EX39/418L/850	5000K	4,180	3,481	150	EX39	•	S
36	4611	LED36HID/EX39/558L/850	5000K	5,580	4,450	200-250	EX39	•	S
80	4612	LED80HID/EX39/1240L/850	5000K	12,400	9,980	400	EX39	•	S

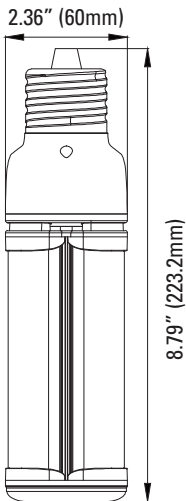
*Lumens are tested in light luminaire

DIMENSIONS

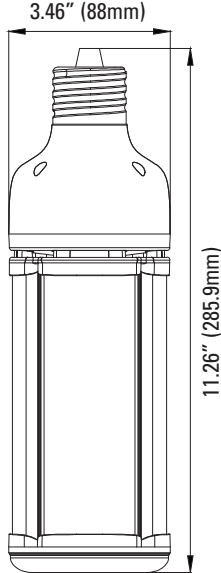
18W (E26)
0.64-lbs



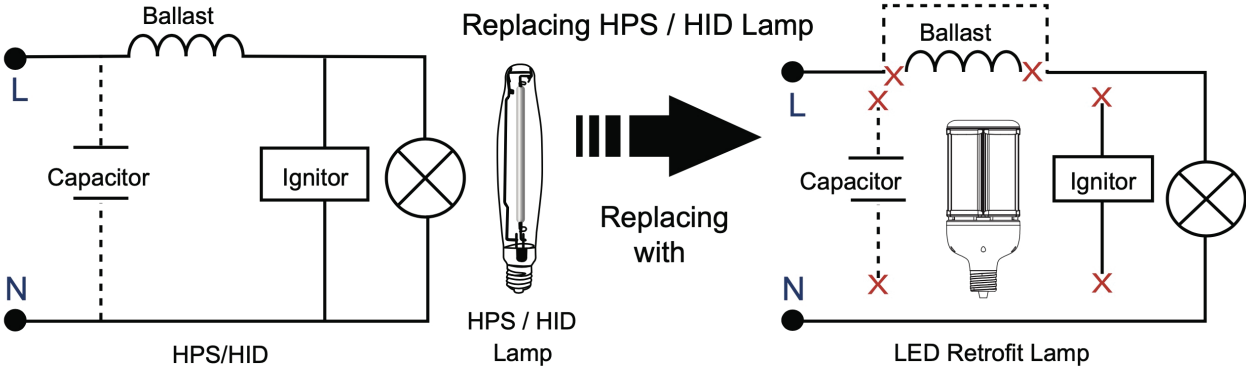
27W/36W (EX39)
0.88-lbs



80W (EX39)
2.31-lbs



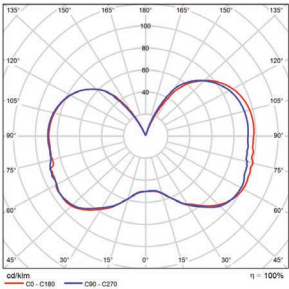
INSTALLATION



*Remove/bypass all ballast, capacitor, and ignitor

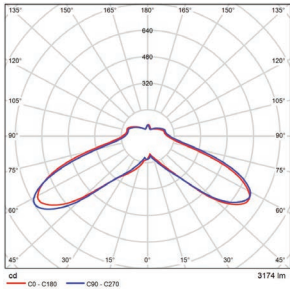
PHOTOMETRICS CHART

18 Watt



Illuminance at a Distance	
Center Beam fc	Beam Width
2.5R	22.2 fc
5.0R	5.55 fc
7.5R	2.47 fc
10.0R	1.39 fc
12.5R	0.89 fc
15.0R	0.62 fc

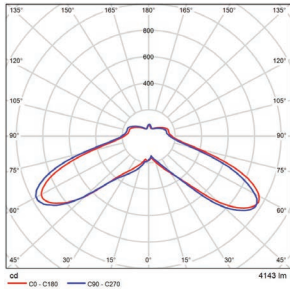
27 Watt



Illuminance at a Distance	
Center Beam fc	Beam Width
2.5R	22.4 fc 8.6 ft 1.7 ft
5.0R	5.60 fc 17.3 ft 3.5 ft
7.5R	2.49 fc 25.9 ft 5.2 ft
10.0R	1.40 fc 34.6 ft 6.9 ft
12.5R	0.90 fc 43.2 ft 8.7 ft
15.0R	0.62 fc 51.9 ft 10.4 ft

Vert. Spread: 119.9°
Horiz. Spread: 38.2°

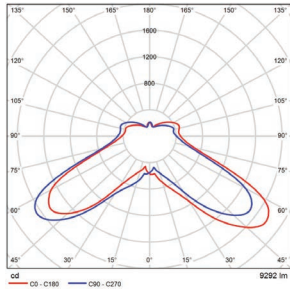
36 Watt



Illuminance at a Distance	
Center Beam fc	Beam Width
2.5R	28.6 fc 2.3 ft 9.8 ft
5.0R	7.15 fc 4.5 ft 19.7 ft
7.5R	3.18 fc 6.8 ft 29.5 ft
10.0R	1.79 fc 9.1 ft 39.3 ft
12.5R	1.14 fc 11.3 ft 49.2 ft
15.0R	0.79 fc 13.6 ft 59.0 ft

Vert. Spread: 48.8°
Horiz. Spread: 126.1°

80 Watt



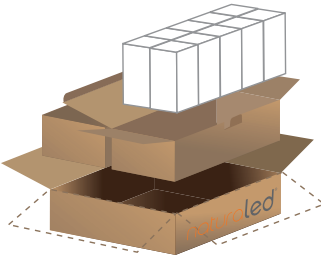
Illuminance at a Distance	
Center Beam fc	Beam Width
2.5R	88.4 fc 1.8 ft 6.9 ft
5.0R	22.1 fc 3.6 ft 13.8 ft
7.5R	9.82 fc 5.4 ft 20.7 ft
10.0R	5.52 fc 7.2 ft 27.6 ft
12.5R	3.54 fc 8.9 ft 34.5 ft
15.0R	2.46 fc 10.7 ft 41.4 ft

Vert. Spread: 39.4°
Horiz. Spread: 108.1°

*27W /36W/ 80W are tested in light luminaire

PACKAGE

Case Qty 20 pcs
(10 for inner package)
(E26 Base)



Case Qty 10 pcs
(EX39 Base)

