



DESCRIPTION

Reduce energy and maintenance costs by replacing metal halide bulbs with these more efficient LED corn bulbs.

FEATURES

- Delivers 155 LPW for highly efficient performance
- Medium E26 or mogul E39 base
- Replaces 50W to 175W metal halide bulbs
- Ballasts, capacitors, and starters must be removed (bypassed) from fixture during installation; see installation instructions for more information

LISTINGS

- UL rated for damp locations
- Rated for use in enclosed fixtures
- FCC
- RoHS

PERFORMANCE

- CRI: >80
- CCT: 3500K
- LED L70 Life Hours: ≥100,000 hours
- Philips Lumileds LEDs

THERMAL

- -40°F to 113°F or (-40°C to 45°C) operating temperature

ELECTRICAL

- THD: <20%
- Power Factor: >0.9
- Input Voltage: 120-277V
- Surge Protection: 4kV

WARRANTY

- 5 year limited warranty; see pltsolutions.com for warranty details

project name	type
catalog number	
comments	voltage
approved by	date



APPLICATIONS

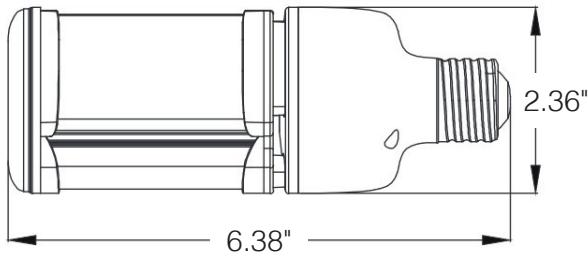
- Warehouses
- Security Lighting
- Post Top Lights

PERFORMANCE	Power Consumption	10 Watt
	Lumens	1550
	Efficacy (LPW)	155
	CRI	>80
	CCT	3500K
	LED 70 Life Hours	≥100,000
	Beam Angle	360 Degree
ELECTRICAL	Power Factor	<20%
	THD	>0.9
	Input Voltage	120-277V
CONSTRUCTION	Operating Temperature	-40°F to 113°F or (-40°C to 45°C)
	Base	E26, E39
LISTINGS	Certifications	UL Listed; FCC
	Material Usage	RoHS - No mercury or lead
	Environment	Enclosed Fixture Rated; Damp Location Rated

PERFORMANCE SUMMARY

Item #	Watts	Lumens	LPW	Voltage	Replaces	CCT	CRI	Beam	LED L70 Life Hours	Base
PLTS-12294	10	1550	155	120-277V	MH50	3500K	>80	360°	≥100,000	E26
PLTS-12295	18	2790	155	120-277V	MH70	3500K	>80	360°	≥100,000	E26
PLTS-12296	36	5580	155	120-277V	MH150	3500K	>80	360°	≥100,000	E26
PLTS-12297	36	5580	155	120-277V	MH150	3500K	>80	360°	≥100,000	E39
PLTS-12298	45	6975	155	120-277V	MH175	3500K	>80	360°	≥100,000	E26
PLTS-12299	45	6975	155	120-277V	MH175	3500K	>80	360°	≥100,000	E39

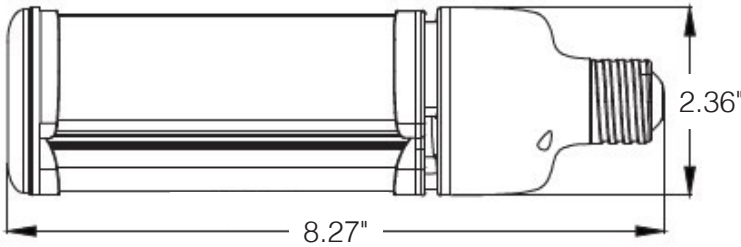
DIMENSIONS



10W-18W DIMENSIONS

Height – 6.38"

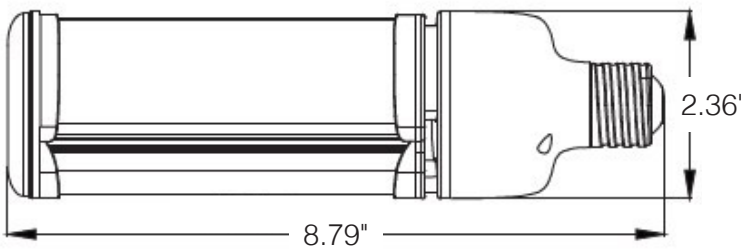
Width – 2.36"



36W E26 BASE DIMENSIONS

Height – 8.27"

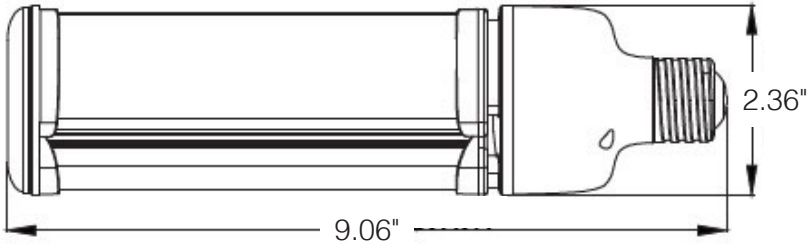
Width – 2.36"



36W E39 BASE DIMENSIONS

Height – 8.79"

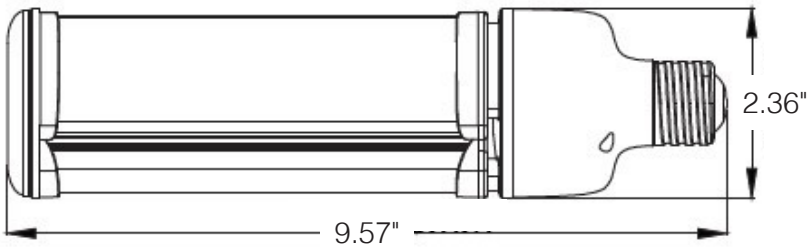
Width – 2.36"



45W E26 BASE DIMENSIONS

Height – 9.06"

Width – 2.36"



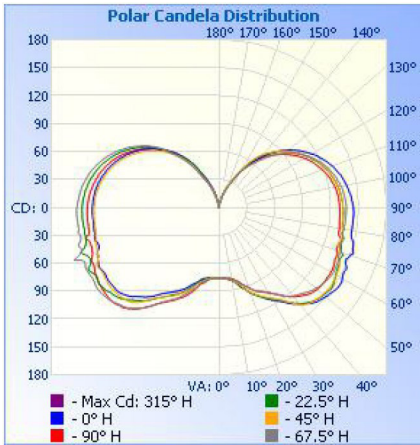
45W E39 BASE DIMENSIONS

Height – 9.57"

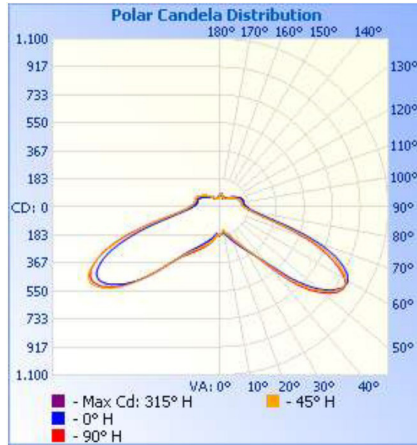
Width – 2.36"

PHOTOMETRICS

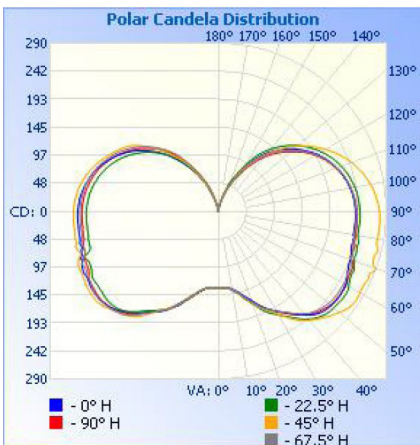
10W PHOTOMETRICS



36W PHOTOMETRICS



18W PHOTOMETRICS



45W PHOTOMETRICS

