

DESCRIPTION

Reduce energy and maintenance costs by replacing 100W metal halide bulbs with these more efficient wattage and color selectable LED corn bulbs.

FEATURES

- Delivers up to 159 LPW for highly efficient performance
- Medium E26 base
- Wattage and color temperature is adjusted via dip switches on the bulb; see installation instructions for more information
- Ballasts, capacitors, and starters must be removed (bypassed) from fixture during installation; see installation instructions for more information

LISTINGS

- UL rated for damp locations
- IP64
- RoHS
- Rated for use in enclosed fixtures

PERFORMANCE

- CRI: >80
- CCT: 3000K, 4000K and 5000K
- Rated lifetime L70: 50,000 hours
- Philips Lumileds LEDs

THERMAL

- -40°F to 122°F or (-40°C to 50°C) operating temperature

ELECTRICAL

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

INSTALLATION

- S/MH (C0/C180): 2.48
- S/MH (90/C270): 2.48

WARRANTY

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

project name	type
catalog number	
comments	voltage
approved by	date



APPLICATIONS

- Schools
- Factories
- Hotels
- Offices
- Conference Rooms
- Hospitals

PERFORMANCE	Power Consumption	12, 18, 27 Watt*
	CRI	>80
	CCT	3000K, 4000K, 5000K*
	Life (L70)	50,000
ELECTRICAL	Power Factor	≥0.9
	THD	≤20%
	Input Voltage	120-277V
CONSTRUCTION	Operating Temperature	-40°F to 122°F or (-40°C to 50°C)
	Base	E26
LISTINGS	Certifications	UL Listed; IP64
	Material Usage	RoHS - No mercury or lead
	Environment	Damp Location Rated; Enclosed Fixture Rated

*See Selectable Table for full breakdown

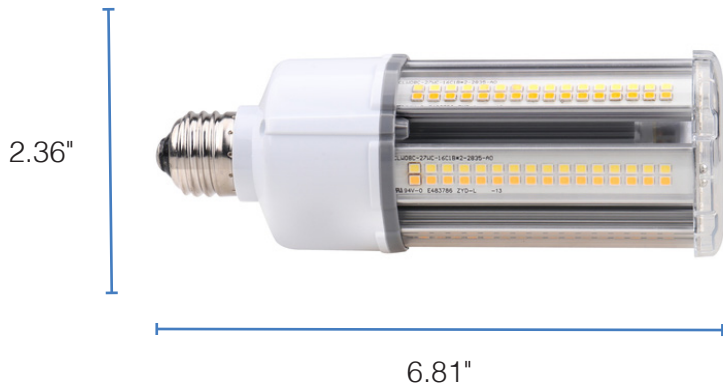
PERFORMANCE SUMMARY

Item #	Voltage	Replaces	CCT	CRI	Beam	Life/Hours
PLTS-12085	120-277V	MH100	3000K/4000K/5000K	>80	280°	50,000

SELECTABLE TABLE

Wattage	CCT	Lumen	Efficacy
12	3000K	1773	148
	4000K	1869	156
	5000K	1913	159
18	3000K	2761	153
	4000K	2849	158
	5000K	2864	159
27	3000K	3805	141
	4000K	3967	147
	5000K	3931	146

DIMENSIONS



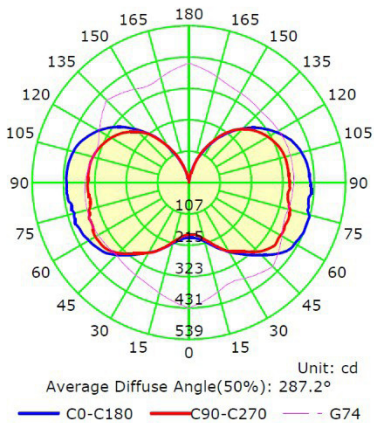
DIMENSIONS

Height: 6.81"

Width: 2.36"

Weight: 0.62 lbs

PHOTOMETRICS



WARNINGS

- Not for use with dimmers.
- Not for use with emergency exits or lighting.
- Minimum lamp compartment size: 13.85" x 7.87" x 7.87"