

DESCRIPTION

Reduce energy and maintenance costs by replacing 250W metal halide bulbs with these more efficient wattage and color selectable LED corn bulbs.

FEATURES

- Delivers up to 173 LPW for highly efficient performance
- Mogul E39 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
- DesignLights Consortium® 5.1 Standard - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance; DLC PN - PLTSNA51432

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): 3.64
- S/MH (90/C270): 3.66

project name	type
catalog number	
comments	voltage
approved by	date



WARRANTY

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

APPLICATIONS

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

PERFORMANCE	Power Consumption*	27, 36, 45 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	E39
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	DLC #	DLC Rating
PLTS-12089	120-277V	MH250	3000K/4000K/5000K	>80	280°	50,000	PLTSNA51432	5.1 Standard

SELECTABLE TABLE

Wattage	CCT	Lumen	Efficacy
27	3000K	4360	161
	4000K	4615	170
	5000K	4682	173
36	3000K	5577	154
	4000K	5955	465
	5000K	5993	466
45	3000K	6513	144
	4000K	6847	152
	5000K	6833	151

DIMENSIONS



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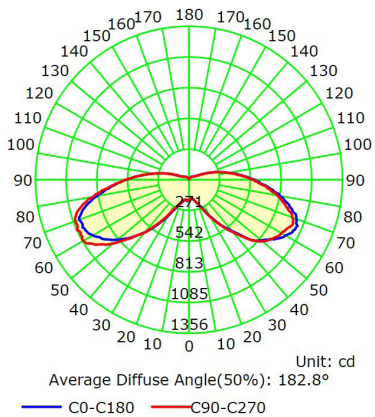
Height: 9.84"

Width: 3.35"

Weight: 1.43 lbs

PHOTOMETRICS

Luminous Intensity Distribution Curve



WARNINGS

- Not for use with dimmers.
- Not for use with emergency exits or lighting.
- Minimum lamp compartment size: 15.54" x 8.27" x 8.27"