DESCRIPTION

Reduce energy and maintenance costs by replacing 150W metal halide bulbs with these more efficient 36W LED corn bulbs.

FEATURES

- Delivers up to 156 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 - PLTSNA41432

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): 2.79
- S/MH (90/C270): 2.81

project name		type	
catalog number			
comments		voltage	
approved by		date	

RoHS Compliant   UL LISTED   DLC LISTED

WARRANTY

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

APPLICATIONS

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

PERFORMANCE	Power Consumption	18, 27, 36 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-12087	120-277V	MH150	3000K/ 4000K/5000K	>80	280°	50,000	PLTSNA41432	5.1 Standard

SELECTABLE TABLE

Wattage	CCT	Lumen	Efficacy
18	3000K	2527	140
	4000K	2687	149
	5000K	2744	152
27	3000K	4008	148
	4000K	4157	154
	5000K	4178	155
36	3000K	5193	144
	4000K	5612	156
	5000K	5599	156

DIMENSIONS

3.35"

8.30"

DIMENSIONS

Height: 8.30"

Width: 3.35"

Weight: 1.23 lbs

PHOTOMETRICS

Luminous Intensity Distribution Curve

Unit: cd

Average Diffuse Angle(50%): 193.0°

— C0-C180   — C90-C270
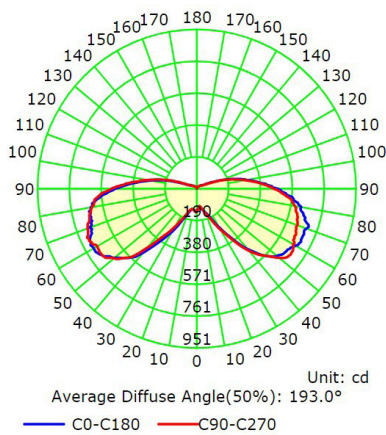
WARNINGS

- Not for use with dimmers.
- Not for use with emergency exits or lighting.
- Minimum lamp compartment size: 14.96" x 7.87" x 7.87"