

DESCRIPTION

Reduce energy and maintenance costs by replacing 50W metal halide bulbs with these more efficient 12W color selectable LED corn bulbs.

FEATURES

- Delivers up to 155 LPW for highly efficient performance
- Medium E26 base
- Color temperature is adjusted via dip switch 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): 2.32
- S/MH (90/C270): 2.34

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 Watt
	Lumens	1680, 1800, 1860
	Efficacy (LPW)	140, 150, 155
	CRI	>80
	CCT	3000K, 4000K, 5000K
ELECTRICAL	Life (L70)	50,000
	Power Factor	≥0.9
	THD	≤20%
CONSTRUCTION	Input Voltage	120-277V
	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

PERFORMANCE SUMMARY

Item #	Watts	Lumens	LPW	Voltage	Replaces	CCT	CRI	Beam	Life/Hours
PLTS-12083	12	1680/1800/1860	140/150/155	120-277V	MH50	3000K/4000K/5000K	>80	280°	50,000

DIMENSIONS



DIMENSIONS

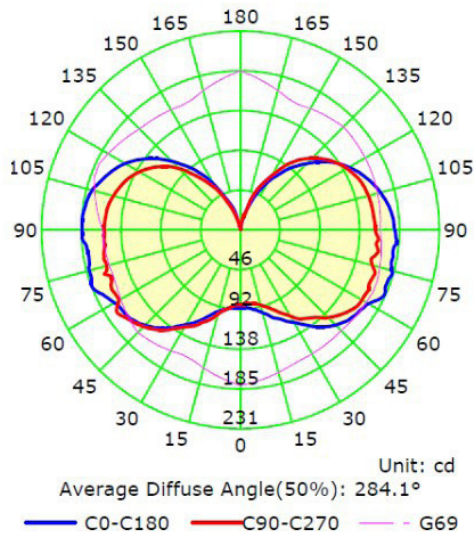
Height: 5.39"

Width: 2.36"

Weight: 0.48 lbs

PHOTOMETRICS

Luminous Intensity Distribution Curve



WARNINGS

- Not for use with dimmers.
- Not for use with emergency exits or lighting.
- Minimum lamp compartment size: 11.81" x 7.08" x 7.08"