



Wattage and Color Selectable High Output LED PS30 Lamps

DESCRIPTION

Reduce energy and maintenance costs by replacing metal halide bulbs with these more efficient high output LED PS30 bulbs.

FEATURES

- Delivers 147 LPW for highly efficient performance
- Medium E26 or mogul EX39 base
- Replaces 175W metal halide bulbs
- Light output varies depending on the wattage and color temperature selected; see Selectable Table for full breakdown
- Dimmable; see Compatible Dimmers section for full list of dimmers
- Universal burn position
- Ballasts, capacitors, and starters must be removed (bypassed) from the fixture during installation; see installation instructions for more information
- Wattage and color temperature can be adjusted using the sliding switches on the bulb; see installation instructions for more information

LISTINGS

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

PERFORMANCE

- CRI: >80
- CCT: 3000K, 4000K, 5000K
- LED L70 Life Hours: 102,000 hours
- Philips Lumileds LEDs

THERMAL

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

ELECTRICAL

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

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date



WARRANTY

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

APPLICATIONS

- Warehouses
- Security Lighting
- Post Top Lights

PERFORMANCE	Power Consumption*	21, 28, 34, 41 Watt
	CRI	>80
	CCT*	3000K, 4000K, 5000K
	LED L70 Life Hours	102,000
	Beam Angle	240 Degree
ELECTRICAL	Power Factor	≤20%
	THD	≥0.9
	Input Voltage	120-277V
	Operating Temperature	-40°F to 122°F or (-40°C to 50°C)
CONSTRUCTION	Bulb Shape	PS30
	Base	E26, EX39
	Lens	Frosted PC
	Certifications	UL Listed
LISTINGS	Environment	Enclosed Fixture Rated; Damp Location Rated

PERFORMANCE SUMMARY

Item #	Watts*	Voltage	Replaces	CCT*	CRI	Beam	LED L70 Life Hours	Base
PLT-13636	21/ 28/ 34	120-277V	MH175	3000K/ 4000K/ 5000K	>80	240°	102,000	E26
PLT-13637	21/ 28/ 34	120-277V	MH175	3000K/ 4000K/ 5000K	>80	240°	102,000	EX39
PLT-13638	28/ 34/ 41	120-277V	MH175	3000K/ 4000K/ 5000K	>80	240°	102,000	E26
PLT-13639	28/ 34/ 41	120-277V	MH175	3000K/ 4000K/ 5000K	>80	240°	102,000	EX39

*See Selectable Table for full breakdown

SELECTABLE TABLE

SKU	Wattage	CCT	Lumens	LPW
PLT-13636 PLT-13637	21	3000K	2983	142
		4000K	3045	145
		5000K	3061	146
	28	3000K	3983	142
		4000K	4103	147
		5000K	4099	146
	34	3000K	4640	136
		4000K	4826	142
		5000K	4851	143
PLT-13638 PLT-13639	28	3000K	3947	141
		4000K	4072	145
		5000K	4100	146
	34	3000K	4698	138
		4000K	4840	142
		5000K	4822	142
	41	3000K	5702	139
		4000K	5859	143
		5000K	5782	141

COMPATIBLE DIMMERS

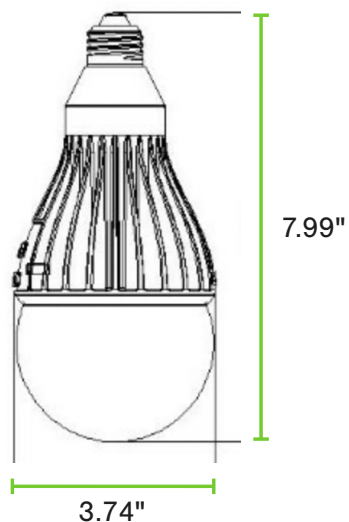
Brand	Model
Lutron	MACL-153MR-WH
	DVELV-300P-WH
	SELV-300P-WH
	SCL-153P

DIMENSIONS

PLT-13636 & PLT-13638

Height – 7.99"

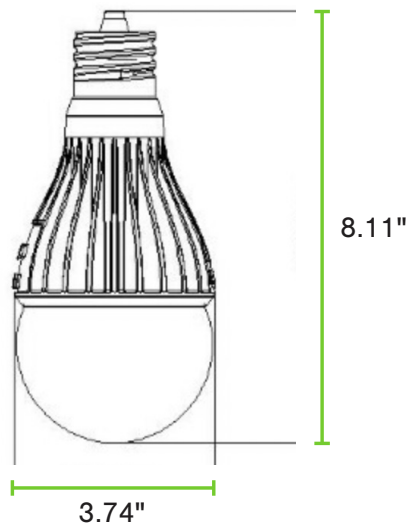
Width – 3.74"



PLT-13637 & PLT-13639

Height – 8.11"

Width – 3.74"



WARNING

- Only use this wattage and selectable high output LED PS30 lamp with the dimmers listed in the compatibility list. Using this bulb with incompatible dimmers may cause performance issues including humming, buzzing, flickering, and poor dimming performance.
- Minimum compartment dimensions: 8" x 11.02"