



CCT & wattage selectable
LED Retrofit Bulb



*available on selected models

PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

60,000-Hour LED lifespan

4KV/6KV surge protection standard on all models

Field-selectable wattage on selected models

Optional **field-selectable 3000K/4000K/5000K color**

Occupancy control option available on selected models

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for damp locations

IESNA LM79 & LM-80 Testing

PacLights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Qualification

Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at www.design-lights.org/qpl

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, surface-mount LEDs

Lifespan

60,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Color Rendering Index

>80

Color Uniformity

PacLights' range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

Field-selectable Color Temperature

On selected models (3CCT), 3000K/4000K/5000K, selectable by dip switch

ELECTRICAL

Drivers

Input Voltage: 120-277V, 50-60 Hz. By-pass the Ballast.

Power Factor > 0.9, THD <20%

Field-selectable wattage, on 27w/36w/45w/54w/63w/80w/100w/120w models

4KV surge protected, on 12w/18w/27w/36w/45w/54w/63w models

6KV surge protected, on 80w/100w/120w models

CONSTRUCTION

IP Rating

IP 64 Rated

Ambient Temperature

Suitable for up to 50° C (122° F) ambient temperature

Cold Weather Starting

The minimum starting temperature is -40 F°/-40° C

Housing

PC and Aluminum

Base Types

- E26 medium base (not applicable for 80/100/120w models)

- E39 mogul base

- EX39 extended mogul base

Green Technology

Mercury and UV free, and RoHS compliant.

Lens

Polycarbonate, Clear

CONTROL

Occupancy Control

Optional AUX-port PIR or microwave occupancy control available to be installed with 80w/100w/120w models. Wireless commissioning device can be purchased separately to customize settings of these controls.

OTHER

5-Year Limited Warranty**

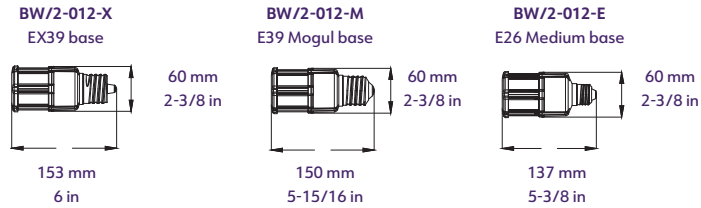
The PacLights 5-year, limited warranty covers light output, driver performance and paint finish.

**PacLights's warranty is subject to all terms and conditions found at paclights.com/warranty

TECHNICAL SPECIFICATIONS Continued

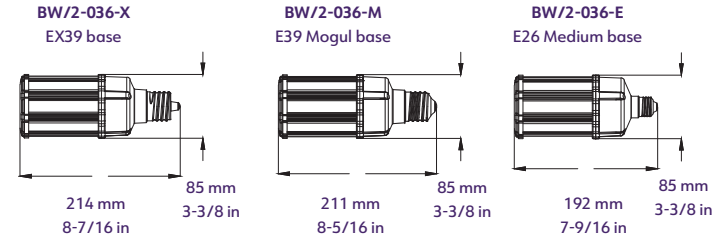
BW/2-012

Weight 0.3 lbs



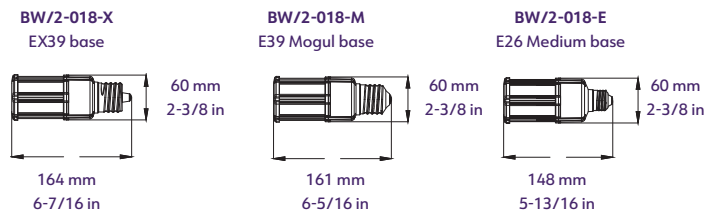
BW/2-036

Weight 1.2 lbs



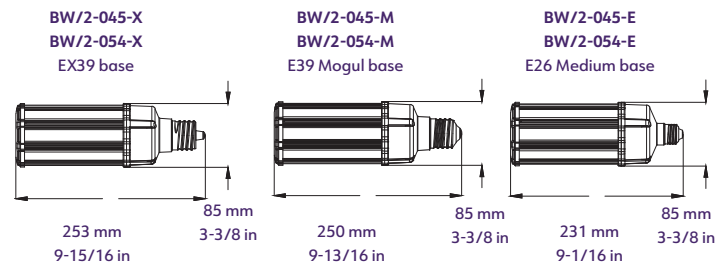
BW/2-018

Weight 0.5 lbs



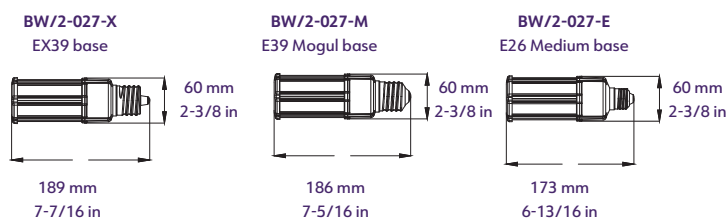
BW/2-045 BW/2-054

Weight 1.4 lbs



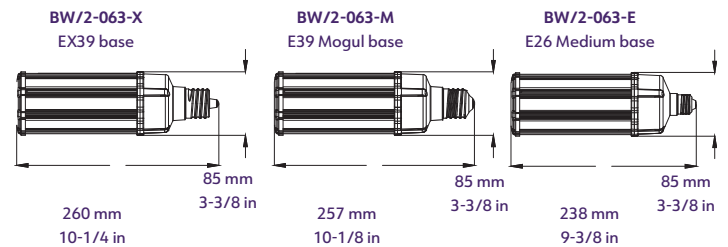
BW/2-027

Weight 0.6 lbs



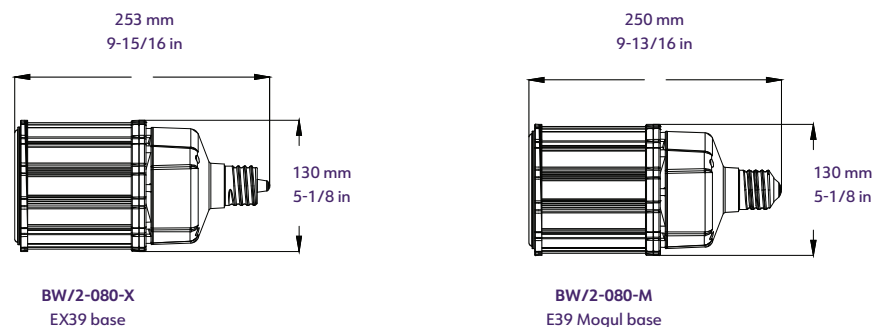
BW/2-063

Weight 1.5 lbs



BW/2-080

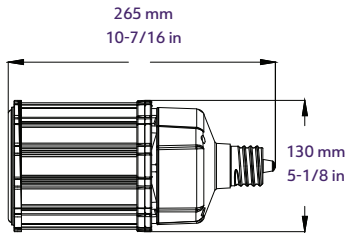
Weight 3.2 lbs



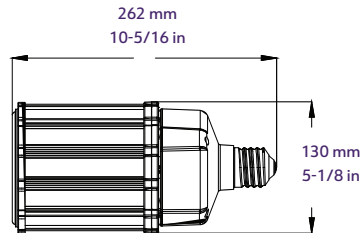
TECHNICAL SPECIFICATIONS Continued

BW/2-100

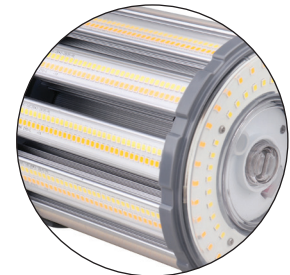
Weight 3.3 lbs



BW/2-100-X
EX39 base

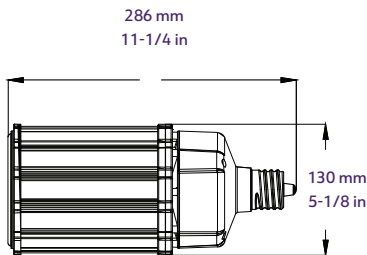


BW/2-100-M
E39 Mogul base

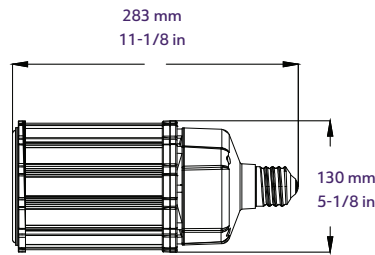


BW/2-120

Weight 3.5 lbs



BW/2-120-X
EX39 base



BW/2-120-M
E39 Mogul base



OPTIONAL FEATURES on selected models

CCT SELECTABLE

Selected models (3CCT) are equipped with color temperature settings ranging from: 3000K (Warm White), 4000K (Neutral White) and 5000K (Daylight). Simply use the switch directly on the bulb to select the desired color temperature and then install. Selectable color temperature technology removes the guesswork of choosing the correct color temperature for your space. Select 3000K in applications requiring warm and inviting light, select 4000K for a slightly cooler light appearance, select 5000K in areas requiring bright, crisp light.

OCCUPANCY CONTROL

Selected models (80/100/120w) have an AUX port for integrating individual, bulb-level sensor controls. PacLights offers both MW (microwave) and PIR (passive infrared) sensors for use with BW series LED bulbs. They let you customize and control LED lighting, while reducing energy bills and qualifying you for additional rebate dollars. Simply plug in the sensor to the top of the lamp and watch the savings roll in.



PIR Control



Microwave Control



**Wireless
Commissioning Device**

WATTAGE SELECTABLE

Selected models (27w-120w) are equipped with wattage settings dip switch. Simply use the switch directly on the bulb to select the desired High-Medium-Low wattage and then install. Selectable wattage technology removes the guesswork of choosing the precise lumen for your space.



MODEL	Low	Medium	High
BW/2-027	12w	18w	27w
BW/2-036	18w	27w	36w
BW/2-045	27w	36w	45w
BW/2-054	36w	45w	54w
BW/2-063	36w	54w	63w
BW/2-080	54w	63w	80w
BW/2-100	63w	80w	100w
BW/2-120	80w	100w	120w

PERFORMANCE

BW/2-012

12W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	1,560	1,572	1,584
LM/W	130	131	132

BW/2-027

also can be field-selected to 12w or 18w

27W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	3,402	3,429	3,456
LM/W	126	127	128

BW/2-045

also can be field-selected to 27w or 36w

45W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	6,300	6,345	6,390
LM/W	140	141	142

BW/2-063

also can be field-selected to 36w or 54w

63W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	8,442	8,505	8,568
LM/W	134	135	136

BW/2-100

also can be field-selected to 63w or 80w

100W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	13,300	13,400	13,500
LM/W	133	134	135

BW/2-018

18W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	2,340	2,358	2,376
LM/W	130	131	132

BW/2-036

also can be field-selected to 18w or 27w

36W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	4,680	4,716	4,752
LM/W	130	131	132

BW/2-054

also can be field-selected to 36w or 45w

54W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	7,290	7,344	7,398
LM/W	135	136	137

BW/2-080

also can be field-selected to 54w or 63w

80W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	9,680	9,760	9,840
LM/W	121	122	123

BW/2-120

also can be field-selected to 80w or 100w

120W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	16,080	16,200	16,320
LM/W	134	135	136

ORDERING INFORMATION

BW™ generation 2

Family	Model		Color Temp		Base		Options	
BW/2	—		—		—		—	
	012 12w	054 ¹ 54w	30	3000K	E ²	E26 medium	PIR ³	PIR control
	018 18w	063 ¹ 63w	40	4000K	M	E39 mogul	MW ³	microwave control
	027 ¹ 27w	080 ¹ 80w	50	5000K	X	EX39	480 ⁴	480v capable option
	036 ¹ 36w	100 ¹ 100w	3CCT	3000/4000/5000K field-selectable			SP ⁴	10KV surge protector
	045 ¹ 45w	120 ¹ 120w						

note: 1) wattage field-selectable, 2) not applicable on 80w/100w/120w models, 3) only available on 80w/100w/120w models, 4) with external component