

Project Name:	Type:
Part Number:	Date:



GREENCREATIVE

# FILAMENT HID REPLACEMENT LAMP

## FEATURES

- Replaces 300W Inc. and 125W / 250W / 320W / 400W HID
- Ballast bypass, operates directly on 120-277V line voltage
- Fully omnidirectional 360° beam angle
- Integral thermal sensor reduces power to the lamp in the event ambient temperature exceeds specified limitations
- Exceptional lumen output up to 15,000 lm
- Exceptional efficacy up to 188 LPW
- TRIAC/ELV dimming\*
- Designed in classic ANSI HID form factor for replacing outdated Metal Halide and High-Pressure Sodium lamps
- L70 rated lifetime up to 50,000 hours
- 5 year limited warranty\*\*
- Suitable for use in totally enclosed fixtures and wet locations
- Fixture operating temperature: -4°F to 113°F (-20°C to 45°C)
- Lamp ambient temperature: -4°F to 140°F (-20°C to 60°C)
- 4KV integral surge protector
- For installation in Post Top, Area light, or other fixtures exposed to high surge conditions, the use of our 10KV surge protector is recommended.



**DIGITAL NAVIGATION** Explore the spec sheet through the links below

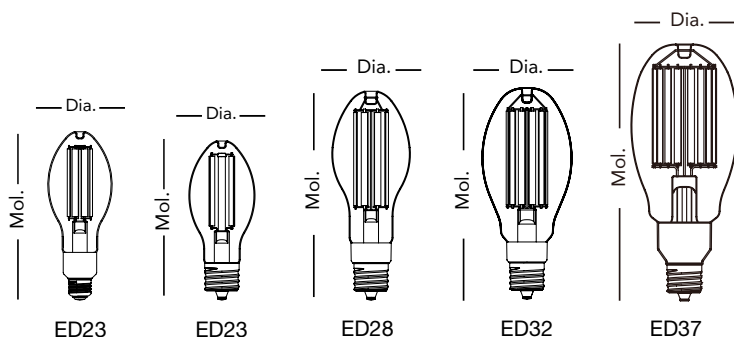
- [MINIMUM COMPARTMENT DIMENSIONS](#)
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## SPECIFICATIONS

Product	Model	Equiv.	Input Voltage	Wattage (W)	CCT	Lumens	Efficacy (LPW)	Life (hrs)	Beam Angle	CRI	Fixture Rating	Power Factor	DLC
38097	25FHIDDIM/ED23/840/277V/E26	300W Inc.	120-277V	25	4000K	4,000	160	50,000	360°	82	Enclosed	0.9	N.A.
38098	25FHIDDIM/ED23/850/277V/E26	300W Inc.	120-277V	25	5000K	4,000	160	50,000	360°	82	Enclosed	0.9	N.A.
38099	25FHIDDIM/ED23/840/277V/EX39	125W HID	120-277V	25	4000K	4,000	160	50,000	360°	82	Enclosed	0.9	✓
38100	25FHIDDIM/ED23/850/277V/EX39	125W HID	120-277V	25	5000K	4,000	160	50,000	360°	82	Enclosed	0.9	✓
38101	45FHIDDIM/ED28/840/277V/EX39	250W HID	120-277V	45	4000K	7,500	167	50,000	360°	82	Enclosed	0.9	✓
38102	45FHIDDIM/ED28/850/277V/EX39	250W HID	120-277V	45	5000K	7,500	167	50,000	360°	82	Enclosed	0.9	✓
38103	54FHIDDIM/ED32/840/277V/EX39	320W HID	120-277V	54	4000K	10,000	185	50,000	360°	82	Enclosed	0.9	✓
38104	54FHIDDIM/ED32/850/277V/EX39	320W HID	120-277V	54	5000K	10,000	185	50,000	360°	82	Enclosed	0.9	✓
38766	80FHIDDIM/ED37/840/277V/EX39	400W HID	120-277V	80	4000K	15,000	188	50,000	360°	82	Enclosed	0.9	✓
38767	80FHIDDIM/ED37/850/277V/EX39	400W HID	120-277V	80	5000K	15,000	188	50,000	360°	82	Enclosed	0.9	✓

FOOTNOTES:  
 \* This lamp might not be compatible with all dimmers. Please visit [www.greencreative.com](http://www.greencreative.com) for compatibility information.  
 \*\* Please visit [www.greencreative.com](http://www.greencreative.com) for Limited Warranty terms.

## DIMENSION & WEIGHT



Model	Base	MOL	Dia.	Weight
25FHIDDIM/ED23/xxx/277V/E26	E26	7-5/8"	2-15/16"	0.31 lb
25FHIDDIM/ED23/xxx/277V/EX39	EX39	7-1/8"	2-15/16"	0.35 lb
45FHIDDIM/ED28/xxx/277V/EX39	EX39	9-7/16"	3-9/16"	0.51 lb
54FHIDDIM/ED32/xxx/277V/EX39	EX39	9-7/16"	4-1/16"	0.69 lb
80FHIDDIM/ED37/xxx/277V/EX39	EX39	11-5/16"	4-3/4"	0.98lb




FOOTNOTES: Where xxx means 824-965 which indicates CRI and color temperature

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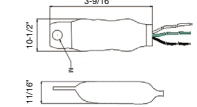

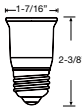

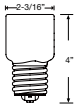

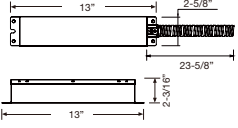

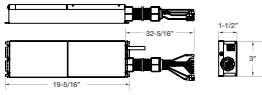
# FILAMENT HID REPLACEMENT LAMP

## MINIMUM COMPARTMENT DIMENSIONS (FOR ENCLOSED FIXTURES)\*\*\*

Application Type	Model Number	25FHIDDIM/ED23/xxx/277V/E26 25FHIDDIM/ED23/xxx/277V/ EX39	45FHIDDIM/ED28/xxx/277V/ EX39	54FHIDDIM/ED32/xxx/277V/ EX39	80FHIDDIM/ED37/xxx/277V/ EX39
Vertical installation (base-up) 	Diameter	16-1/8"	16-1/8"	16-1/8"	16-1/8"
	Height	9-13/16"	9-13/16"	9-13/16"	11-13/16"
Vertical installation (base-down) 	Diameter	16-1/8"	16-1/8"	16-1/8"	15-3/8"
	Height	9-13/16"	9-13/16"	9-13/16"	17-5/16"
Horizontal installation 	Length	16-1/8"	18-7/8"	N/A	16-9/16"
	Width	9-13/16"	9-7/16"	N/A	16-9/16"
	Height	9-13/16"	13-3/8"	N/A	11-13/16"
Maximum Lamps in Luminaire		1	1	1	1

FOOTNOTES:  
 \*\*\*Installing lamp in a fixture that does not have the minimum compartment dimensions will void the warranty and could cause product failures.

## ACCESSORY ORDERING INFORMATION

Product	Model	Description	Pictures	Dimensions	Compatible Skus
SPD-277P-10KA-EC1	SPD-277P-10KA-EC1	10 kV Surge Protector (For use in outdoor and other applications subject to high surge conditions)			25FHIDDIM/ED23/xx/277V/E26 25FHIDDIM/ED23/xxx/277V/EX39 45FHIDDIM/ED28/xxx/277V/EX39 54FHIDDIM/ED32/xxx/277V/EX39 80FHIDDIM/ED37/xxx/277V/EX39
16325	E26 EXTENDER	E26 Lamp Extender Adds 1-5/16" to Lamp Height			25FHIDDIM/ED23/xx/277V/E26 25FHIDDIM/ED23/xxx/277V/EX39 45FHIDDIM/ED28/xxx/277V/EX39 54FHIDDIM/ED32/xxx/277V/EX39 80FHIDDIM/ED37/xxx/277V/EX39
35050	E39 EXTENDER	E39 Lamp Extender Adds 1-11/16" to Lamp Height			25FHIDDIM/ED23/xx/277V/E26 25FHIDDIM/ED23/xxx/277V/EX39 45FHIDDIM/ED28/xxx/277V/EX39 54FHIDDIM/ED32/xxx/277V/EX39 80FHIDDIM/ED37/xxx/277V/EX39
38096	24EMINVERTER	California Title 20 Compliant 24W Emergency LED Inverter (Field Installation)			25FHIDDIM/ED23/xxx/277V/E26 25FHIDDIM/ED23/xxx/277V/EX39
FHUPS1-UNV-25L-SD	FHUPS1-UNV-25L-SD	California Title 20 Compliant 25W Emergency Micro Inverter (Field Installation)			25FHIDDIM/ED23/xxx/277V/E26 25FHIDDIM/ED23/xxx/277V/EX39

## LOGISTIC INFORMATION

Model	Master Carton			Shipping Carton		
	Case Qty	Case Dimensions (LxWxH)	Case Weight	Case Qty	Case Dimensions (LxWxH)	Case Weight
25FHIDDIM/ED23/xxx/277V/E26	N.A.	N.A.	N.A.	6PCS	14" x 9-13/16" x 9"	4.10 lb
25FHIDDIM/ED23/xxx/277V/EX39	N.A.	N.A.	N.A.	6PCS	14" x 9-13/16" x 9"	4.12 lb
45FHIDDIM/ED28/xxx/277V/EX39	N.A.	N.A.	N.A.	6PCS	15-3/4" x 15" x 7-1/2"	6.04 lb
54FHIDDIM/ED32/xxx/277V/EX39	N.A.	N.A.	N.A.	6PCS	17" x 11-7/8" x 10-5/8"	7.36 lb
80FHIDDIM/ED37/xxx/277V/EX39	N.A.	N.A.	N.A.	6PCS	19-11/16" x 13-7/8" x 13-7/16"	12.46 lb

FOOTNOTES: Where xxx means 824-965 which indicates CRI and color temperature

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# FILAMENT HID REPLACEMENT LAMP

## CERTIFICATION INFORMATION

Product	Model	DLC ID#
38099	25FHIDDIM/ED23/840/277V/EX39	S-73322M
38100	25FHIDDIM/ED23/850/277V/EX39	S-Z3BQMY
38101	45FHIDDIM/ED28/840/277V/EX39	S-2QN4QV
38102	45FHIDDIM/ED28/850/277V/EX39	S-7NT93N
38103	54FHIDDIM/ED32/840/277V/EX39	S-SXK34M
38104	54FHIDDIM/ED32/850/277V/EX39	S-S8C497
38766	80FHIDDIM/ED37/840/277V/EX39	S-DB5DZ0
38767	80FHIDDIM/ED37/850/277V/EX39	S-V3VW5D