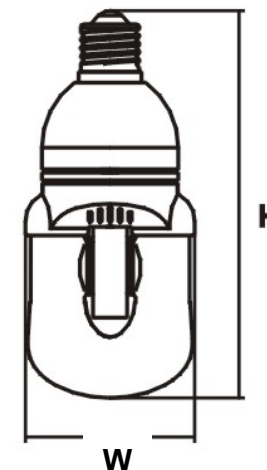


Induction Self-Ballasted Lamps - V Series Specifications

- Voltage range: 12~277 (Volts)
- CCT: 2700K, 3500K, 4000K, 5000K, 6500K available



Specifications

Description	Warranty (yrs)	Voltage (V)	Luminous Flux (Lm)	Photopic Flux (PLm)	Tube Dimension (in)	Rated Wattage (W)
15W-V	5	220/120/277/12/24	975	1725	W2.3 x H6.3	15
23W-V	5	220/120/277/12/24	1495	2600	W3.0 x H7.0	23
40W-V	5	220/120/277/12/24	2600	4600	W4.5 x H9.7	40

Notes: *CCT range 2700/3500/4000/5000/6500K; *CRI > 80 (Ra) ; *DC (12V/24V) Series is the best lamp used for solar powered lighting system;

*Plm means Pupil Lumen.

Distributed by: Eco-Smart, Inc. (888)329-2705 ph / (941)377-9460 fx / info@eco-smart.com

Induction Self-Ballasted Lamps - 50W-V Specifications

50W-V : compact ballast design, low wattage (50w AC/DC)
 International standard Edison lamp base.
 AC: 120V, 220V, 277V DC:12V, 24V.



1. Special mushroom shape structure, luminous points focus, uniform light emission in 360 degree space.
2. Bigger light surface area than other lamps with the same wattage, soft light.
3. Compact integrated structure, match for all kinds of small size lighting fixtures, and perform lighting effects of different spatial place.
4. Spiral lamp base, easily to retrofit all kinds of compact lamps.
5. Special magnetic hoop structure, effectively avoid magnetic leakage and magnetic core power loss, perfect heat dissipation ability.
6. Special ferrite magnetic core, maintain the magnetic core inductance stable in wide temperature range; unique B-H curve, reduce the magnetic hysteresis loss and magnetic core loss.
7. Amalgam inside, less pollution, eco-friendly.
8. Special amalgam, well suited for the instant-start features and stability characteristics in the wide range of temperature.
9. With special technology, power start faster, better stability.
10. Self-developed inert gas formula, ensure the consistency of light efficiency and power.
11. Full range of color temperature, a variety of power options
12. Inside compact electronic ballast, unique ballast technology, improve the power factor.
13. Special winding technology, improve the low temperature start ability.
14. We can produce variety of wattage upon the customers' special requirement.

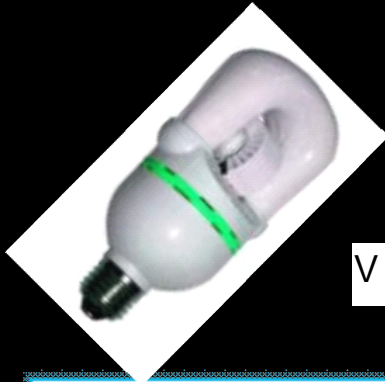
Specifications of V Series Induction Lamp							
Series	Type	Warr.	Volts(V)	Rated luminous flux(Lm)	Pupil luminous flux□Plm□	Lamp Dimensions (in)	Wattage(W)
		(Year)					
V	50W-V	5	220/120/277/12/24	3250	4875~5750	4.5 x 3.5 x 9.5 (E27) 4.5 x 3.5 x 10.3 (E40)	50

Range of color temperature: 2700/3500/4000/5000/6500
 Color index CRI>80 (Ra)

Specifications of V Series Induction Lamp						
Type	Wattage(W)	Power frequency(Hz)	Power factor	Ballast input voltage(V)	Ballast input current(A)	Outer (case of 24) packing dimension(mm)
50W-V	50	50-60	0.98	120	0.42	769x328x623
		50-60	0.98	220	0.23	

V Series Shipping Dimensions			
Item	Weight	Lamp Box Dimension	Carton Dimension
	Kg/each	mm/each	mm/24pcs
15W-V	0.24	85*91*194	519*193*408
23W-V	0.325	111*90*209	548*235*438
40W-V	0.675	157*127*302	769*328*623
50W-V	0.675	157*127*302	769*328*623

Parameters for lamp



V Type Self-Ballasted Induction Lamps

Model	Specification	Luminance (LM)	Effective LM (PLM)
QM18W	65×85 H=188	950	1520~1995
QM23W	65×85 H=188	1400	2080~2730
QM40W	95×120 H=250	2800	4480~5880
QM50W	95×120 H=250	3500	5840~7665
QM80W	76×115 H=306	6000	9600~12600
QM85W	76×115 H=306	6400	10240~13440

Life can be 60000 hours 5 years guarantee

Parameters for lamp

Round Self-ballasted Lamp



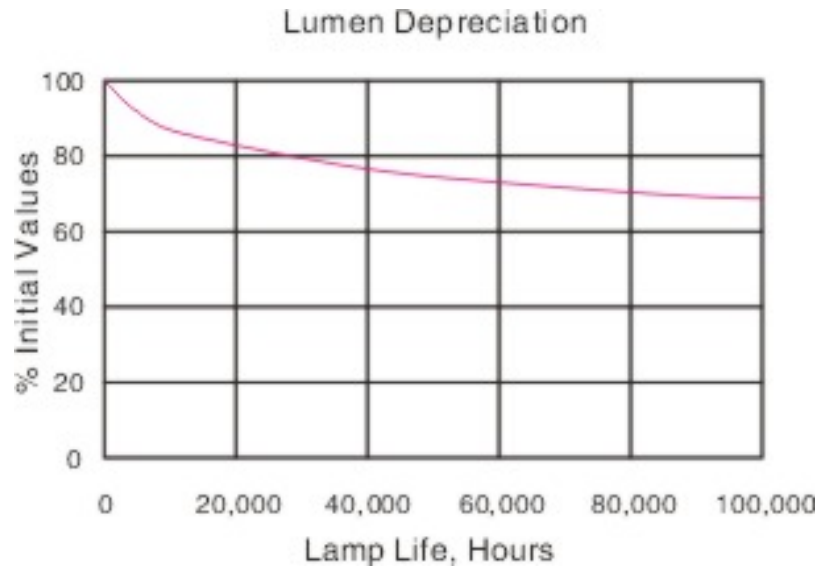
Round self-
ballasted lamp

Model	Specification	Luminance (LM)	Effective LM (PLM)
QM-R40W	$\Phi 165 \times H195$	2800	4480~5880
QM-R60W	$\Phi 165 \times H195$	4500	7200~9450

Life can be 60000 hours 5 years guarantee

Lumen Depreciation

V Series Induction Lamps have very good lumen maintenance



Ignition Time (hours)	Luminous Maintenance Rate (%)
2,000	95%
6,000	85%
20,000	80%
40,000	75%
60,000	70%