



# Compact designs, unlimited possibilities

## e-Vision Low Wattage 20-150W

Low frequency electronic HID ballasts such as the Philips Advance e-Vision line constantly measure and adjust the wattage, optimizing delivery of the ceramic lamps' superior color properties. This makes ceramic metal halide operated by e-Vision ballasts the premier choice for many applications previously illuminated by either tungsten halogen or incandescent sources, such as retail lighting.

### Benefits

- Constant lamp wattage for optimal color control and maximum performance
- Significant energy savings can be achieved when compared to incandescent or magnetic alternatives

### Features

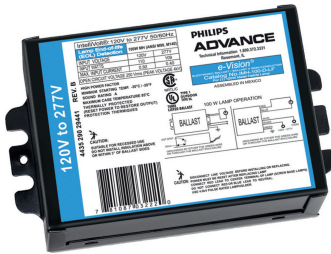
- Low frequency lamp operation
- Intellivolt 120-277V input range
- Metallic enclosures for optimal thermal dissipation
- Smaller and lighter weight than magnetic HID ballasts
- Thermally protected, internally fused, and output short circuit protected with Lamp End-of-Life shutdown

### Application

- Retail display and accent lighting in both track and downlights, lobbies, atriums, landscape and façade lighting

e-Vision Low Wattage 20-150W

Versions

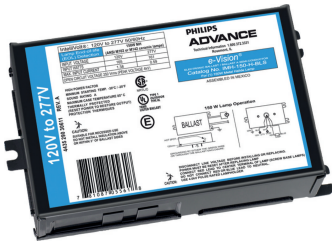
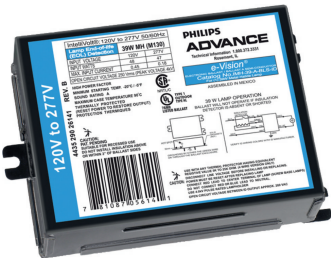


RMH39KLFSM

IMH50GBLSM BAD NUMBER

IMH39KBLSM

IMH70DLFM

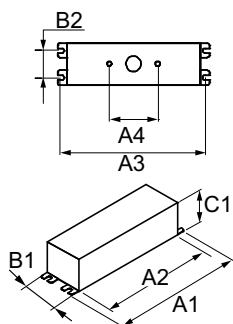
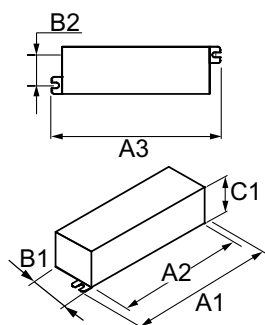
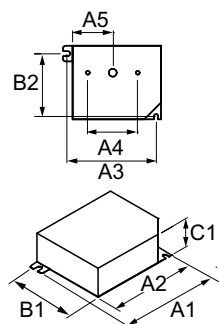
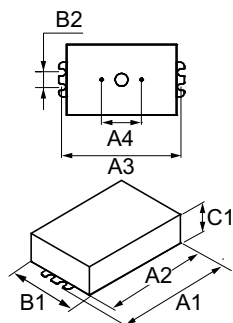


IMH239ABLSM

IMH150HLFM

IMH50ELFM

## Dimensional drawing



Product	A1	A2	A3	A4	B1	B2	C1
E-VISION ELE MH BAL 70W M139/ M143 120-277 50/60HZ	5.0 in	4.3 in	4.6 in	2.0 in	3.0 in	0.7 in	1.5 in
E-VISION ELE MH BAL 100W M140 120-277V 50/60HZ	5.0 in	4.3 in	4.6 in	2.0 in	3.0 in	0.7 in	1.5 in
E-VISION ELE MH BAL 100W M140 120-277V 50/60HZ	5.0 in	4.3 in	4.6 in	2.0 in	3.0 in	0.7 in	1.5 in
E-VISION ELE MH BAL 70W M139/ M143 120-277 50/60HZ	5.0 in	4.3 in	4.6 in	2.0 in	3.0 in	0.7 in	1.5 in

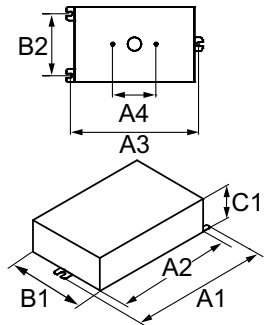
Product	A1	A2	A3	A4	A5	B1	B2	C1
E-VISION ELE MH BAL 39W M130 120-277 50/60HZ	3.8 in	3.5 in	3.4 in	2.0 in	1.13 in	3.0 in	2.6 in	1.2 in
E-VISION ELE MH BAL 50W C193 120-277V 50/60HZ	3.8 in	3.5 in	3.4 in	2.0 in	1.13 in	3.0 in	2.6 in	1.2 in
E-VISION ELE MH BAL 20W M156 120-277V 50/60HZ	3.8 in	3.5 in	3.4 in	2.0 in	1.13 in	3.0 in	2.6 in	1.2 in
E-VISION ELE MH BAL 20W M156 120-277V 50/60HZ	3.8 in	3.5 in	3.4 in	2.0 in	1.13 in	3.0 in	2.6 in	1.2 in
E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	3.8 in	3.5 in	3.4 in	2.0 in	1.13 in	3.0 in	2.6 in	1.2 in
E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	3.8 in	3.5 in	3.4 in	2.0 in	1.13 in	3.0 in	2.6 in	1.2 in
E-VISION ELE MH BAL 39W M130 120-277 50/60HZ	3.8 in	3.5 in	3.4 in	2.0 in	1.13 in	3.0 in	2.6 in	1.2 in

Product	A1	A2	A3	B1	B2	C1
E-VISION ELE MH BAL 39W C130 120-277V 50/60HZ	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION ELE MH BAL 20W M175 120V	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION ELE MH BAL 39W M130/C179 120V 50/60HZ	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION ELE MH BAL 20W M175 120V	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION ELE MH BAL 39W M130 / C179 120V	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION ELE MH BAL 39W M130 / C179 120V	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in

Product	A1	A2	A3	A4	B1	B2	C1
E-VISION ELE MH BAL 70W M98/139/143 120-277V	5.5 in	5.0 in	5.3 in	2.0 in	1.7 in	1.0 in	1.2 in

## e-Vision Low Wattage 20-150W

### Dimensional drawing



Operating and Electrical	
Input Frequency	50 to 60 Hz
Total Harmonic Distortion USA	15 %

### Operating and Electrical

Order Code	Full Product Name	Input Voltage
RMH39KLFSM	E-VISION ELE MH BAL 39W M130 / C179 120V	120 V
RMH39KLFLM	E-VISION ELE MH BAL 39W M130 / C179 120V	120 V
RMH20KLFLM	E-VISION ELE MH BAL 20W M175 120V	120 V
RMH39KBLSM	E-VISION ELE MH BAL 39W M130/C179 120V 50/60HZ	120 V
RMH20KBLSM	E-VISION ELE MH BAL 20W M175 120V	120 V
IMH50GBLSM	E-VISION ELE MH BAL 50W C193 120-277V 50/60HZ	120 to 277 V
IMH39GBLSM	E-VISION ELE MH BAL 39W M130 120-277 50/60HZ	120 to 277 V
IMH39GLFLM	E-VISION ELE MH BAL 39W M130 120-277 50/60HZ	120 to 277 V
IMH70GBLSM	E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	120 to 277 V
IMH70GLFLM	E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	120 to 277 V
IMHG20GLFLM	E-VISION ELE MH BAL 20W M156 120-277V 50/60HZ	120 to 277 V
IMHG20GBLSM	E-VISION ELE MH BAL 20W M156 120-277V 50/60HZ	120 to 277 V
IMH39KLFSM	E-VISION ELE MH BAL 39W C130 120-277V 50/60HZ	120 to 277 V
IMH70DLFLM	E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	120 to 277 V

### General Information

Order Code	Full Product Name	Number Of Lamps	Lamp Type
RMH39KLFSM	E-VISION ELE MH BAL 39W M130 / C179 120V	1 piece/unit	39W MH

Product	A1	A2	A3	A4	B1	B2	C1
E-VISION ELE MH BAL 100W M140 120-277 50/60HZ	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION ELE MH BAL 100W M140 120-277V ID OUT	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION ELE MH BAL 39W M130 120-277V ID OUT	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION ELE MH BAL 70W M139/143 120-277V ID OUT	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H	6.3 in	5.7 in	6.0 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H	6.3 in	5.7 in	6.0 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION ELE MH BAL 2X39W M130 120-277V 50/60HZ	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in

Order Code	Full Product Name	Input Voltage
IMH70DBLSM	E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	120 to 277 V
IMH100DLFLM	E-VISION ELE MH BAL 100W M140 120-277V 50/60HZ	120 to 277 V
IMH100DBLSM	E-VISION ELE MH BAL 100W M140 120-277V 50/60HZ	120 to 277 V
IMH239ABLSM	E-VISION ELE MH BAL 2X39W M130 120-277V 50/60HZ	120 to 277 V
IMH70ABLSIDM	E-VISION ELE MH BAL 70W M139/143 120-277V ID OUT	120 to 277 V
IMH39ABLSIDM	E-VISION ELE MH BAL 39W M130 120-277V ID OUT	120 to 277 V
IMH100ABLSIDM	E-VISION ELE MH BAL 100W M140 120-277V ID OUT	120 to 277 V
IMH100BLFLM	E-VISION ELE MH BAL 100W M140 120-277 50/60HZ	120 to 277 V
IMH150HLFLM	E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H	120 to 277 V
IMH150HBLSM	E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H	120 to 277 V
IMH70ELFLM	E-VISION ELE MH BAL 70W M98/139/143 120-277V	120 to 277 V

## e-Vision Low Wattage 20-150W

Order Code	Full Product Name	Number Of	
		Lamps	Lamp Type
RMH20KLFM	E-VISION ELE MH BAL 20W M175 120V	1 piece/unit	22W Philips Mini MC
RMH39KBLSM	E-VISION ELE MH BAL 39W M130/ C179 120V 50/60HZ	1 piece/unit	39W MH
RMH20KBLSM	E-VISION ELE MH BAL 20W M175 120V	1 piece/unit	22W Philips Mini MC
IMH50GBLSM	E-VISION ELE MH BAL 50W C193 120-277V 50/60HZ	1 piece/unit	50W MH
IMH39GBLSM	E-VISION ELE MH BAL 39W M130 120-277 50/60HZ	1 piece/unit	39W MH
IMH39GLFM	E-VISION ELE MH BAL 39W M130 120-277 50/60HZ	1 piece/unit	39W MH
IMH70GBLSM	E-VISION ELE MH BAL 70W M139/ M143 120-277 50/60HZ	1 piece/unit	70W MH
IMH70GLFM	E-VISION ELE MH BAL 70W M139/ M143 120-277 50/60HZ	1 piece/unit	70W MH
IMHG20GLFM	E-VISION ELE MH BAL 20W M156 120-277V 50/60HZ	1 piece/unit	20W MH
IMHG20GBLSM	E-VISION ELE MH BAL 20W M156 120-277V 50/60HZ	1 piece/unit	20W MH
IMH39KLFSM	E-VISION ELE MH BAL 39W C130 120-277V 50/60HZ	1 piece/unit	39W MH
IMH70DLFM	E-VISION ELE MH BAL 70W M139/ M143 120-277 50/60HZ	1 piece/unit	70W MH

Order Code	Full Product Name	Number Of	
		Lamps	Lamp Type
IMH70DBLSM	E-VISION ELE MH BAL 70W M139/ M143 120-277 50/60HZ	1 piece/unit	70W MH
IMH100DLFM	E-VISION ELE MH BAL 100W M140 120-277V 50/60HZ	1 piece/unit	100W MH
IMH100DBLSM	E-VISION ELE MH BAL 100W M140 120-277V 50/60HZ	1 piece/unit	100W MH
IMH239ABLSM	E-VISION ELE MH BAL 2X39W M130 120-277V 50/60HZ	2 piece/unit	39W MH
IMH70ABLSIDM	E-VISION ELE MH BAL 70W M139/143 120-277V ID OUT	1 piece/unit	70W MH
IMH39ABLSIDM	E-VISION ELE MH BAL 39W M130 120-277V ID OUT	1 piece/unit	39W MH
IMH100ABLSIDM	E-VISION ELE MH BAL 100W M140 120-277V ID OUT	1 piece/unit	100W MH
IMH100BLFM	E-VISION ELE MH BAL 100W M140 120-277 50/60HZ	1 piece/unit	100W MH
IMH150HLFM	E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H	1 piece/unit	150W MH
IMH150HBLSM	E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H	1 piece/unit	150W MH
IMH70ELFM	E-VISION ELE MH BAL 70W M98/139/143 120-277V	1 piece/unit	70W MH

### Mechanical and Housing

Order Code	Full Product Name	Housing
RMH39KLFSM	E-VISION ELE MH BAL 39W M130 / C179 120V	K
RMH39KLFM	E-VISION ELE MH BAL 39W M130 / C179 120V	K
RMH20KLFM	E-VISION ELE MH BAL 20W M175 120V	K
RMH39KBLSM	E-VISION ELE MH BAL 39W M130/C179 120V 50/60HZ	K
RMH20KBLSM	E-VISION ELE MH BAL 20W M175 120V	K
IMH50GBLSM	E-VISION ELE MH BAL 50W C193 120-277V 50/60HZ	G
IMH39GBLSM	E-VISION ELE MH BAL 39W M130 120-277 50/60HZ	G
IMH39GLFM	E-VISION ELE MH BAL 39W M130 120-277 50/60HZ	G
IMH70GBLSM	E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	G
IMH70GLFM	E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	G
IMHG20GLFM	E-VISION ELE MH BAL 20W M156 120-277V 50/60HZ	G
IMHG20GBLSM	E-VISION ELE MH BAL 20W M156 120-277V 50/60HZ	G
IMH39KLFSM	E-VISION ELE MH BAL 39W C130 120-277V 50/60HZ	K

Order Code	Full Product Name	Housing
IMH70DLFM	E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	D
IMH70DBLSM	E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	D
IMH100DLFM	E-VISION ELE MH BAL 100W M140 120-277V 50/60HZ	D
IMH100DBLSM	E-VISION ELE MH BAL 100W M140 120-277V 50/60HZ	D
IMH239ABLSM	E-VISION ELE MH BAL 2X39W M130 120-277V 50/60HZ	A-B
IMH70ABLSIDM	E-VISION ELE MH BAL 70W M139/143 120-277V ID OUT	A-B
IMH39ABLSIDM	E-VISION ELE MH BAL 39W M130 120-277V ID OUT	A-B
IMH100ABLSIDM	E-VISION ELE MH BAL 100W M140 120-277V ID OUT	A-B
IMH100BLFM	E-VISION ELE MH BAL 100W M140 120-277 50/60HZ	A-B
IMH150HLFM	E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H	H
IMH150HBLSM	E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H	H
IMH70ELFM	E-VISION ELE MH BAL 70W M98/139/143 120-277V	E

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