



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

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Versions

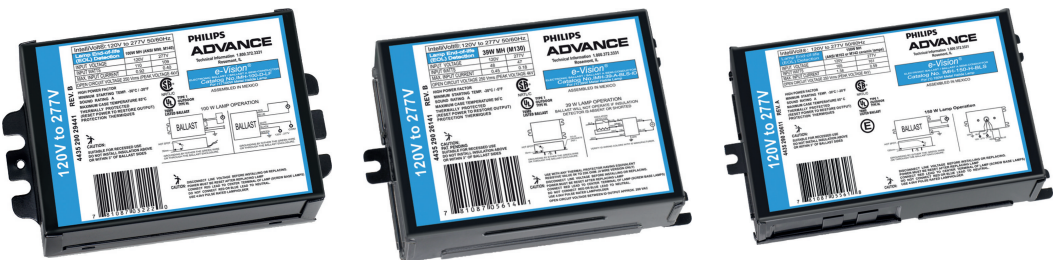


RMH39KLFSM

IMH50ELFM

IMH50GBLSM BAD NUMBER

IMH39KBLSM

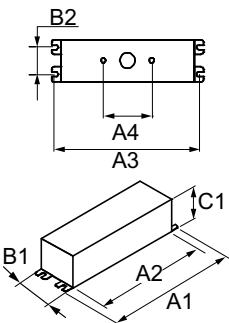
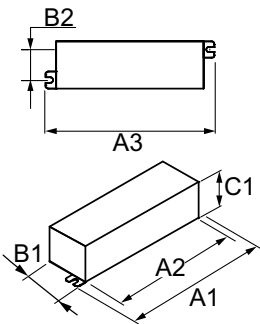


IMH70DLFM

IMH239ABLSM

IMH150HLFM

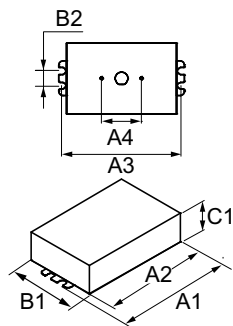
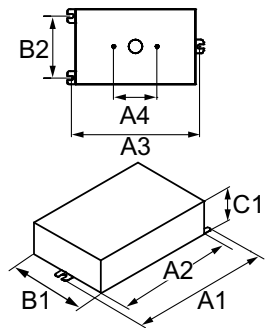
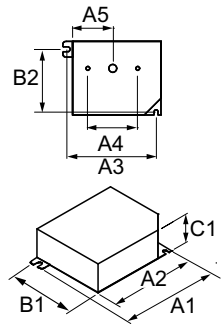
Dimensional drawing



Product	A1	A2	A3	B1	B2	C1
E-VISION IMH39KLFM	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION IMHG20KLFM	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION IMH39KLFSM	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION RMH20KBLSM	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION RMH39KBLSM	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION RMH20KLFM	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION RMH20KLFSM						
E-VISION RMH39KLFM	4.4 in	4.1 in	4.5 in	1.1 in	0.5 in	1.2 in
E-VISION RMH39KLFSM	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 IMH70ELFM	5.5 in	5.0 in	5.3 in	2.0 in	1.7 in	1.0 in	1.2 in
E-VISION IMH39ELFM	5.5 in	5.0 in	5.3 in	2.0 in	1.7 in	1.0 in	1.2 in
E-VISION IMH50ELFM	5.5 in	5.0 in	5.3 in	2.0 in	1.7 in	1.0 in	1.2 in

Dimensional drawing



Product	A1	A2	A3	A4	A5	B1	B2	C1
E-VISION IMHG20GBLSM	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 IMHG20GLFM	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 IMH70GLFM	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 IMH70GBLSM	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 IMH39GLFM	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 IMH39GBLSM	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 IMH50GBLSM	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	A4	B1	B2	C1
E-VISION IMH100BLFM	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION IMH100ABLSIDM	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION IMH39ABLSIDM	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION IMH70ABLSIDM	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION IMH150HBLFM	6.3 in	5.7 in	6.0 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION IMH150HLFM	6.3 in	5.7 in	6.0 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION IMH239ALFM	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in
E-VISION IMH239ABLSM	5.5 in	4.7 in	5.2 in	2.0 in	3.6 in	2.9 in	1.5 in

Product	A1	A2	A3	A4	B1	B2	C1
E-VISION IMH100DBLSM	5.0 in	4.3 in	4.6 in	2.0 in	3.0 in	0.7 in	1.5 in
E-VISION IMH100DLFM	5.0 in	4.3 in	4.6 in	2.0 in	3.0 in	0.7 in	1.5 in
E-VISION IMH70DBLSM	5.0 in	4.3 in	4.6 in	2.0 in	3.0 in	0.7 in	1.5 in
E-VISION IMH70DLFM	5.0 in	4.3 in	4.6 in	2.0 in	3.0 in	0.7 in	1.5 in

Operating and Electrical

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

Operating and Electrical

Order Code	Full Product Name	Input Voltage
120345	E-VISION RMH39KLFSM	120 V
497941	E-VISION RMH39KLFM	120 V
121228	E-VISION RMH20KLFSM	120 V
121210	E-VISION RMH20KLFM	120 V
107367	E-VISION RMH39KBLSM	120 V
501361	E-VISION RMH20KBLSM	120 V
109702	E-VISION IMH50ELFM	120 to 277 V
107797	E-VISION IMH39ELFM	120 to 277 V

Order Code	Full Product Name	Input Voltage
199935	E-VISION IMH70ELFM	120 to 277 V
513820	E-VISION IMH50GBLSM	120 to 277 V
120971	E-VISION IMH39GBLSM	120 to 277 V
120989	E-VISION IMH39GLFM	120 to 277 V
121053	E-VISION IMH70GBLS M	120 to 277 V
121046	E-VISION IMH70GLFM	120 to 277 V
107813	E-VISION IMHG20GLFM	120 to 277 V
107235	E-VISION IMHG20GBLSM	120 to 277 V

e-Vision Low Wattage 20-150W

Order Code	Full Product Name	Input Voltage
498683	E-VISION IMH39KLFM	120 to 277 V
498691	E-VISION IMH39KLFSM	120 to 277 V
498741	E-VISION IMHG20KLFM	120 to 277 V
119503	E-VISION IMH70DLFM	120 to 277 V
119701	E-VISION IMH70DBLSM	120 to 277 V
119495	E-VISION IMH100DLFM	120 to 277 V
119719	E-VISION IMH100DBLSM	120 to 277 V
121145	E-VISION IMH239ABLSM	120 to 277 V

Order Code	Full Product Name	Input Voltage
120402	E-VISION IMH239ALFM	120 to 277 V
195354	E-VISION IMH70ABLSIDM	120 to 277 V
107375	E-VISION IMH39ABLSIDM	120 to 277 V
195362	E-VISION IMH100ABLSIDM	120 to 277 V
198838	E-VISION IMH100BLFM	120 to 277 V
121251	E-VISION IMH150HLF M	120 to 277 V
121269	E-VISION IMH150HBLSM	120 to 277 V

General Information

Order Code	Full Product Name	Number Of Lamps	Lamp Type
120345	E-VISION RMH39KLFSM	1 piece/unit	39W MH
497941	E-VISION RMH39KLFM	1 piece/unit	39W MH
121228	E-VISION RMH20KLFSM	1 piece/unit	22W Philips Mini MC
121210	E-VISION RMH20KLFM	1 piece/unit	22W Philips Mini MC
107367	E-VISION RMH39KBLSM	1 piece/unit	39W MH
501361	E-VISION RMH20KBLSM	1 piece/unit	22W Philips Mini MC
109702	E-VISION IMH50ELFM	1 piece/unit	50W MH
107797	E-VISION IMH39ELFM	1 piece/unit	39W MH
199935	E-VISION IMH70ELFM	1 piece/unit	70W MH
513820	E-VISION IMH50GBLSM	1 piece/unit	50W MH
120971	E-VISION IMH39GBLSM	1 piece/unit	39W MH
120989	E-VISION IMH39GLFM	1 piece/unit	39W MH
121053	E-VISION IMH70GBLS M	1 piece/unit	70W MH
121046	E-VISION IMH70GLFM	1 piece/unit	70W MH
107813	E-VISION IMHG20GLFM	1 piece/unit	20W MH
107235	E-VISION IMHG20GBLSM	1 piece/unit	20W MH

Order Code	Full Product Name	Number Of Lamps	Lamp Type
498683	E-VISION IMH39KLFM	1 piece/unit	39W MH
498691	E-VISION IMH39KLFSM	1 piece/unit	39W MH
498741	E-VISION IMHG20KLFM	1 piece/unit	20W MH
119503	E-VISION IMH70DLFM	1 piece/unit	70W MH
119701	E-VISION IMH70DBLSM	1 piece/unit	70W MH
119495	E-VISION IMH100DLFM	1 piece/unit	100W MH
119719	E-VISION IMH100DBLSM	1 piece/unit	100W MH
121145	E-VISION IMH239ABLSM	2 piece/unit	39W MH
120402	E-VISION IMH239ALFM	2 piece/unit	39W MH
195354	E-VISION IMH70ABLSIDM	1 piece/unit	70W MH
107375	E-VISION IMH39ABLSIDM	1 piece/unit	39W MH
195362	E-VISION IMH100ABLSIDM	1 piece/unit	100W MH
198838	E-VISION IMH100BLFM	1 piece/unit	100W MH
121251	E-VISION IMH150HLF M	1 piece/unit	150W MH
121269	E-VISION IMH150HBLSM	1 piece/unit	150W MH

Mechanical and Housing

Order Code	Full Product Name	Housing
120345	E-VISION RMH39KLFSM	K
497941	E-VISION RMH39KLFM	K
121228	E-VISION RMH20KLFSM	K
121210	E-VISION RMH20KLFM	K
107367	E-VISION RMH39KBLSM	K
501361	E-VISION RMH20KBLSM	K
109702	E-VISION IMH50ELFM	E
107797	E-VISION IMH39ELFM	E
199935	E-VISION IMH70ELFM	E
513820	E-VISION IMH50GBLSM	G
120971	E-VISION IMH39GBLSM	G
120989	E-VISION IMH39GLFM	G
121053	E-VISION IMH70GBLS M	G
121046	E-VISION IMH70GLFM	G
107813	E-VISION IMHG20GLFM	G
107235	E-VISION IMHG20GBLSM	G

Order Code	Full Product Name	Housing
498683	E-VISION IMH39KLFM	K
498691	E-VISION IMH39KLFSM	K
498741	E-VISION IMHG20KLFM	K
119503	E-VISION IMH70DLFM	D
119701	E-VISION IMH70DBLSM	D
119495	E-VISION IMH100DLFM	D
119719	E-VISION IMH100DBLSM	D
121145	E-VISION IMH239ABLSM	A-B
120402	E-VISION IMH239ALFM	A-B
195354	E-VISION IMH70ABLSIDM	A-B
107375	E-VISION IMH39ABLSIDM	A-B
195362	E-VISION IMH100ABLSIDM	A-B
198838	E-VISION IMH100BLFM	A-B
121251	E-VISION IMH150HLF M	H
121269	E-VISION IMH150HBLSM	H

