PHILIPS Lighting



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 maximimum performance
- Significant energy savings can be achieved when compared to incandescent or magnetic alternatives

Features

- \cdot Low frequency lamp operation
- Intellivolt 120-277V input range
- \cdot Metallic enclosures for optimal thermal dissipation
- \cdot 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

Versions









RMH39KLFSM

IMH50GBLSM BAD NUMBER

IMH39KBLSM

IMH70DLFM





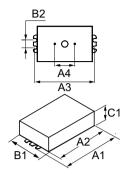


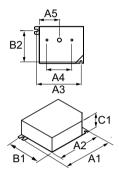
IMH239ABLSM

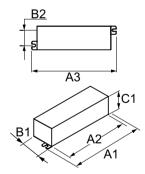
IMH150HLFM

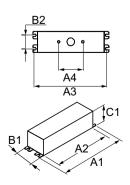
IMH50ELFM

Dimensional drawing









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

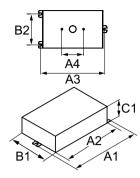
Product	A1	A2	A3	A4	A5	B1	B2	C1
E-VISION ELE MH BAL 39W	3.8 in	3.5 in	3.4 in	2.0 in	1.13 in	3.0 in	2.6 in	1.2 in
M130 120-277 50/60HZ								
E-VISION ELE MH BAL 50W	3.8 in	3.5 in	3.4 in	2.0 in	1.13 in	3.0 in	2.6 in	1.2 in
C193 120-277V 50/60HZ								
E-VISION ELE MH BAL 20W	3.8 in	3.5 in	3.4 in	2.0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

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

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

Product famil	v leaflet	2019	March 22
PIUUUCLIAIIII	y leaner	, 2019,	Marchizz

Dimensional drawing



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

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
RMH39KLFM	E-VISION ELE MH BAL 39W M130 / C179 120V	120 V
RMH20KLFM	E-VISION ELE MH BAL 20W M175 120V	120 V
RMH39KBLSM	E-VISION ELE MH BAL 39W M130/C179 120V	120 V
	50/60HZ	
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
IMH39GLFM	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	120 to 277 V
	50/60HZ	
IMH70GLFM	E-VISION ELE MH BAL 70W M139/M143 120-277	120 to 277 V
	50/60HZ	
IMHG20GLFM	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
IMH70DLFM	E-VISION ELE MH BAL 70W M139/M143 120-277	120 to 277 V
	50/60HZ	

IMH70DBLSM	E-VISION ELE MH BAL 70W M139/M143 120-277 50/60HZ	120 to 277 V
IMH100DLFM	E-VISION ELE MH BAL 100W M140 120-277V	120 to 277 V
	50/60HZ	
IMH100DBLSM	E-VISION ELE MH BAL 100W M140 120-277V	120 to 277 V
	50/60HZ	
IMH239ABLSM	E-VISION ELE MH BAL 2X39W M130 120-277V	120 to 277 V
	50/60HZ	
IMH70ABLSIDM	E-VISION ELE MH BAL 70W M139/143 120-277V ID	120 to 277 V
	OUT	
IMH39ABLSIDM	OUT E-VISION ELE MH BAL 39W M130 120-277V ID OUT	120 to 277 V
		120 to 277 V 120 to 277 V
	E-VISION ELE MH BAL 39W M130 120-277V ID OUT	
IMH100ABLSIDM	E-VISION ELE MH BAL 39W M130 120-277V ID OUT E-VISION ELE MH BAL 100W M140 120-277V ID OUT	120 to 277 V
IMH100ABLSIDM IMH100BLFM	E-VISION ELE MH BAL 39W M130 120-277V ID OUT E-VISION ELE MH BAL 100W M140 120-277V ID OUT E-VISION ELE MH BAL 100W M140 120-277 50/60HZ	120 to 277 V 120 to 277 V
IMH100ABLSIDM IMH100BLFM	E-VISION ELE MH BAL 39W M130 120-277V ID OUT E-VISION ELE MH BAL 100W M140 120-277V ID OUT E-VISION ELE MH BAL 100W M140 120-277 50/60HZ E-VISION ELE MH BAL 150W M102/142 120-277V	120 to 277 V 120 to 277 V
IMH100ABLSIDM IMH100BLFM IMH150HLFM	E-VISION ELE MH BAL 39W M130 120-277V ID OUT E-VISION ELE MH BAL 100W M140 120-277V ID OUT E-VISION ELE MH BAL 100W M140 120-277 50/60HZ E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H	120 to 277 V 120 to 277 V 120 to 277 V
IMH100ABLSIDM IMH100BLFM IMH150HLFM	E-VISION ELE MH BAL 39W M130 120-277V ID OUT E-VISION ELE MH BAL 100W M140 120-277V ID OUT E-VISION ELE MH BAL 100W M140 120-277 50/60HZ E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H E-VISION ELE MH BAL 150W M102/142 120-277V	120 to 277 V 120 to 277 V 120 to 277 V

General Information

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

		Number Of	
Order Code	Full Product Name	Lamps	Lamp Type
RMH39KLFM	E-VISION ELE MH BAL 39W M130 /	1 piece/unit	39W MH
	C179 120V		

Order Code

Full Product Name

Input Voltage

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

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

Mechanical and Housing

Order Code	Full Product Name	Housing
RMH39KLFSM	E-VISION ELE MH BAL 39W M130 / C179 120V	К
RMH39KLFM	E-VISION ELE MH BAL 39W M130 / C179 120V	К
RMH20KLFM	E-VISION ELE MH BAL 20W M175 120V	К
RMH39KBLSM	E-VISION ELE MH BAL 39W M130/C179 120V 50/60HZ	К
RMH20KBLSM	E-VISION ELE MH BAL 20W M175 120V	К
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	К

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	Н
IMH150HBLSM	E-VISION ELE MH BAL 150W M102/142 120-277V 50/60H	Н
IMH70ELFM	E-VISION ELE MH BAL 70W M98/139/143 120-277V	E



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2019, March 22 - data subject to change