e-Vision Low Wattage 20-150W

E-VISION ELE MH BAL 100W M140 120-277 50/60HZ

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.

Product data

• General Characteristics

Lamp Type	100W MH
Number of Lamps	1 piece
Input Voltage	120-277 V
Line Frequency	50/60 Hz
Ballast Type	Electronic HID
Base Model	IMH100DBLS
Housing	D
Housing Dimensions	4.3" x 3.0" x 1.5"
Housing Material	Metal
Suitable for Outdoor use?	Yes
Lifetime 90% surv.@Tcaselife	50000 hr
Family Name	eVision

• Operating Characteristics

Ignition time	1200 s
Input Power Gear	110-109 W
Ballast factor	1 -
Power Factor	0.90
Lamp Current Crest Factor	1.8 -
Sound Rating	A
Max THD	15 %

• Wiring Characteristics

Color input terminals	No terminals
Color output terminals	No terminals
Connector type	No connector
Wire Striplength	0.50 mm
Control Wire Gauge	NA
Wire Gauge	18AWG

Wire Length by Color	All leads = 11"
Wire Type	Stranded
Allowed Wiring Config(Remote)	Yes
Allowed Wiring Config(Tandem)	No
Allowed Wiring Config(Through)	No

• System Chars on driver level

Rated Lamp Watts	100

• Temperature Characteristics

T-case maximum	85 C

• Product Dimensions

Length A1	5.0 in
Length A2	4.3 in
Length A3	4.6 in
Width B1	3.0 in
Height C1	1.5 in
Length A4	2.0 in
Width B2	0.7 in

• Approval & Application Chars

EMC Immunity	FCC Non-Consumer
CE marking	No
ENEC certificate	No
VDE certificate	No
UL Listed	Yes
CSA certificate	Yes
CEC Listing	No

PHILIPS

CSA Recognized	No	Full product name	ELE MH BAL 100W M140 120-277 50/60HZ
cUL certificate	No		
EISA	No	Short product name	ELE MH BAL 100W M140 120-277 50/60HZ
FIDE Certificate	No		
NOM certificate	Yes	Pieces per Sku	1
RoHS Compliant	Yes	Skus/Case	10
SASO Certificate	No	Bar code on pack	781087032206
UL Recognized	No	Bar code on case	50781087032218
ANSI Code	C90/M90, M140, C191	Logistics code(s)	913710288202
		eop_net_weight_pp	0.667 kg

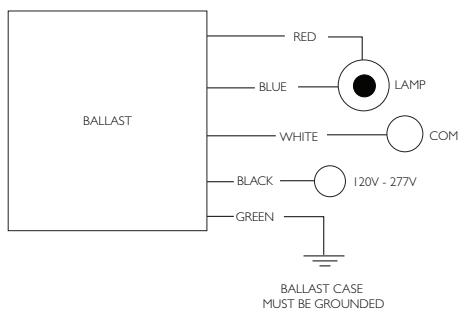- **Product Data**

Product number	IMH100DBLSM

Dimensional drawing
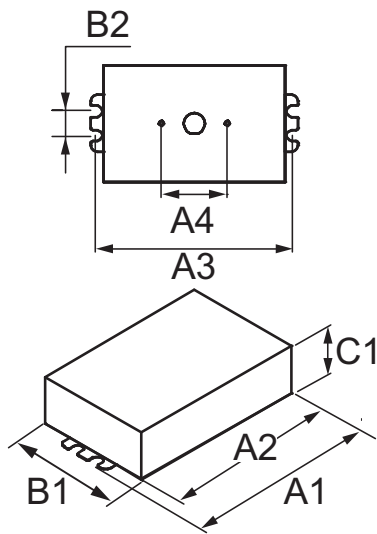
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Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	A4 (Norm)	A5 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)
ELE MH BAL 100W M140 120-277 50/60HZ	5.0	4.3	4.6	2.0	-	3.0	0.7	1.5

www.philips.com/lighting

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data subject to change