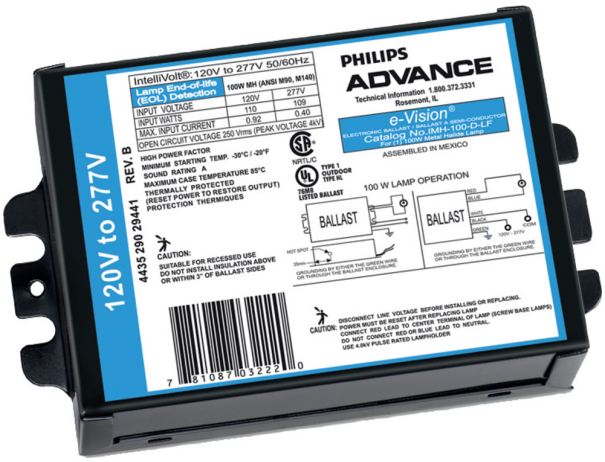


e-Vision Low Wattage 20-150W

E-VISION ELE MH BAL 100W M140 120-277V 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 Information

Ansi Code	C90/M90, M140, C191
Lamp Type	100W MH
Number of Lamps	1 piece/unit
Ballast Type	Electronic HID
Base Model	IMH100DBLS
Suitable For Outdoor Use	Yes

• Operating and Electrical

Input Voltage	120 to 277 V
Input Frequency	50/60 Hz
Max THD	15 %
Lamp Current Crest Factor (Nom)	1.8
Ignition Time (Nom)	1200 s
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Input Current (Operating) (Max)	0.92 A
Input Current (Operating) (Min)	0.4 A
Input Power (Nom)	110-109 W
Rated Lamp Watts	100 W

• Wiring

Color Input Terminals	No terminals
Color Output Terminals	No terminals
Wire Striplength	0.50 mm
Control Wire Gauge	NA
Wire Length By Color	All leads = 11"
Wire Gauge (Nom)	18AWG mm
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Tandem Wiring Configuration Allowed	No
Through Wiring Configuration Allowed	No
Connector Type	No connector

• Temperature

T-Case Maximum (Nom)	85 °C

• Mechanical and Housing

Housing Material	Metal
Housing	D
Housing Dimensions	4.3" x 3.0" x 1.5"

• Approval and Application

EMC Immunity Standard	FCC Non-Consumer
Sound Rating	A
UL Recognized	No

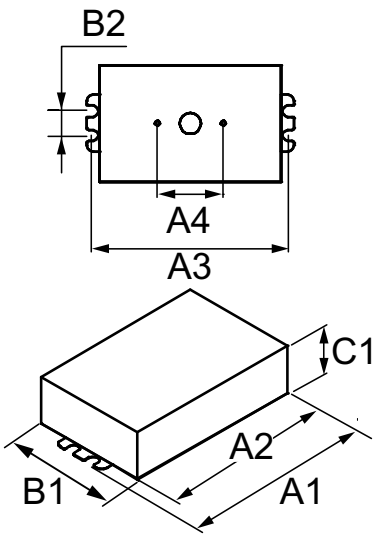
• Product Data

Order product name	E-VISION IMH100DBLSM
EAN/UPC - Product	781087032213
Order code	IMH100DBLSM
Numerator - Quantity Per Pack	1

PHILIPS

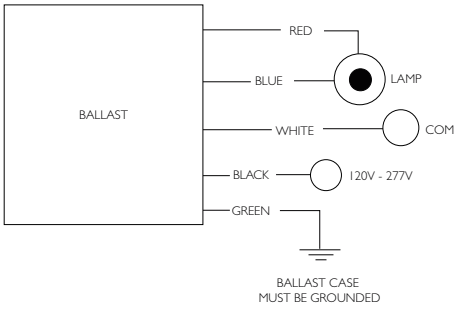
Numerator - Packs per outer box	10	Material Nr. (12NC)	913710288202
		Net Weight (Piece)	0.667 kg

Dimensional drawing



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

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



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