PHILIPS Lighting



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 Information					
ANSI Code	C90-M90,M140,C191				
Lamp Type	100W MH				
Number of Lamps	1 piece/unit				
Ballast Type	Electronic HID				
Base Model	IMH100BLF				
Suitable For Outdoor Use	Yes				
Operating and Electrical					
Input Voltage	120 to 277 V				
Input Frequency	50 to 60 Hz				
Total Harmonic Distortion USA	15 %				
Crestfactor (Nom)	1.8				
Ignition Time (Nom)	1200 s				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Input Current (Max)	0.92 A				
Input Current (Min)	0.4 A				

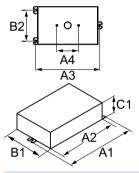
Input Power (Nom)	110-109 W
Rated Lamp Power	100 W
Wiring	
Color Input Terminals	No terminals
Color Output Terminals	No terminals
Wire Striplength	0.50 mm
Control Wire Gauge	NA
Wire Length by Color	All leads = 11"
Wire Gauge (Nom)	18AWG mm
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Tandem Wiring Configuration Allowed	No
Through Wiring Configuration Allowed	No
Connector Type	No connector

e-Vision Low Wattage 20-150W

Temperature						
T-Case Maximum (Nom)	85 ℃					
Mechanical and Housing						
Housing Material	Metal					
Housing	A-B					
Housing Dimensions	4.7" × 3.6" × 1.5"					
Approval and Application						
EMC Immunity Standard	FCC Non-Consumer					
Approval Marks	CSA certificate UL certificate RoHS Compliant					
Hum And Noise Level	А					
UL Recognized	No					

Product Data	
Order product name	E-VISION ELE MH BAL 100W M140 120-277
	50/60HZ
EAN/UPC - Product	781087074930
Order code	198838
Local order code	198838
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913710856302
Net Weight (Piece)	631.000 g

Dimensional drawing



E-VISION IMH100BLFM

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							



© 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