**PHILIPS** Lighting



# 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	IMH100DLF				
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	D					
Housing Dimensions	4.3" x 3.0" x 1.5"					
Approval and Application						
EMC Immunity Standard	FCC Non-Consumer					
Approval Marks	CSA certificate UL certificate NOM certificate					
	RoHS Compliant					
Hum And Noise Level	A					

UL Recognized	No				
Product Data					
Order product name	E-VISION ELE MH BAL 100W M140 120-277V				
	50/60HZ				
EAN/UPC - Product	781087032220				
Order code	913710287602				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	12				
Material Nr. (12NC)	913710287602				
Net Weight (Piece)	0.676 kg				

#### **Dimensional drawing**



E-VISION IMH100DLFM

Product	A1	A2	A3	A4	B1	B2	C1
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							



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