

PHILIPS ADVANCE			e-Vision® Electronic Ballast for Metal Halide Lamps			Catalog Number: IMH-G20-G For 20W Metal Halide Lamps ANSI M156 120-277 50/60Hz Electronic Status: RELEASED				
DIMENSIONS AND DATA										
Lamp		Input Volts	Catalog Number*	Line Current (Amps)	Input Power (Watts)	Min Power Factor	Wiring Diag	Fig.	Weight (lb)	Max. Distance to Lamp (ft)
Number	Watts									
20W Watt Lamp, ANSI Code M156 Minimum Starting Temp -20°C/-4°F										
1	20	120 277	IMH-G20-G-XXX	0.2 0.09	24 24	0.95	3	G	0.9	5
Case Width Case Length Overall Length Height Mounting Width Mounting Length 8-32 x 1/4" Mounting Studs 2.0" [50.8]							Ballast (Red) Lamp (Blue) Com (White) 120V - 277V (Black) (Green) Ballast Case must be Grounded Wiring Diagram 3			
Case Figure	Overall Length	Case Length	Case Width	Height	Mountin Length	Mounting Width				
G	97mm [3.8"]	90mm [3.5"]	77mm [3.0"]	30mm [1.2"]	87mm [3.4"]	67mm [2.6"]				
12mm. Tcase max = 90 deg. C 45mm. Side Lead Version Angled Corner (Reference) 45mm. 12mm. Bottom Lead & Stud Version Case Temperature Measurement Location							UL CSA®			
INSTALLATION & APPLICATION NOTES:										
1. Maximum allowable case temperature is 90°C. See figure above for measurement location							*Ordering Information			
2. Ignition pulse is 4 kV max							Order Suffix	Description		
3. All leads are 9 inches long							-LF	Ballast with side exit leads and mounting feet		
4. Ballast output will shutdown after 20 minutes if lamp fails to ignite							-BLS	Ballast with bottom exit leads and mounting studs		
5. Power must be cycled off – then on, after replacing lamp										
6. Connect the red lead to the center terminals of the lamp when using screw base lamps										
Data is based on tests performed by Philips Advance in a controlled environment and is representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.										

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