# **PHILIPS** Lighting



# Indoor Enclosed (78E)

## INDOOR ENCLOSED HID MH BAL 1000W M47 480V ENCL

These units are designed for use indoors where the ballast must be mounted remotely from the luminaire. These ballasts are typically used in applications where the luminaire is mounted in an area with very high ambient temperatures. The ballast can be mounted remotely in a cooler location.

#### **Product data**

General Information	
ANSI Code	M47
Lamp Type	1000W MH
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	78E6542
Suitable For Outdoor Use	No
Ignitor Catalog Number	NA
Capacitor Catalog Number	Inside Can
Automatic Restart	No
Operating and Electrical	
Input Voltage	480 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.2 A
Input Current (Starting)	1.9 A
Input Current (Short Circuit)	1.4-2.1 A
Secondary Short Circuit Current	5.2-6.4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90

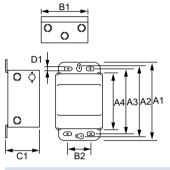
Open Circuit Voltage	430 V			
Input Current (Nom)	2.25 A A			
Input Power (Nom)	1080 W			
Rated Lamp Power	1000 W			
Wiring				
Wire Striplength	0.5 mm			
Wire Length by Color	12"			
Wire Type	Stranded			
Remote Wiring Configuration Allowed	Yes			
Max Ballast-Lamp Distance Remote Wiring Determined by AWG used				
Recommended Fuse Value	6 A			
Mechanical and Housing				
Mechanical and Housing Housing Material	Metal			
	Metal IE			
Housing Material				
Housing Material Housing	IE			
Housing Material Housing	IE			
Housing Material Housing Housing Dimensions	IE			
Housing Material Housing Housing Dimensions Approval and Application	IE 14.44" x 5.75" x 7.69"			
Housing Material Housing Housing Dimensions Approval and Application Open Circuit Voltage Test (Volts)	IE 14.44" x 5.75" x 7.69" 385-475 V			

### Indoor Enclosed (78E)

UL Recognized	No
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	NA
Product Data	
Order product name	INDOOR ENCLOSED HID MH BAL 1000W
	M47 480V ENCL

EAN/UPC - Product	781087865422
Order code	194233
Local order code	194233
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700548009
Net Weight (Piece)	0.010 kg

#### Dimensional drawing



Product	A1	A2	A3	A4	B1	B2	C1	D1
INDOOR ENCLOSED HID	14.4 in	13.4 in	12.7 in	12.1 in	7.7 in	3.3 in	5.8 in	0.4 in
MH BAL 1000W M47 480V								
ENCL								

MH BAL 1000W M47 480V ENCL



© 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