

ELECTRICAL SPECIFICATIONS

SYSTEMS BY BALLAST

PHB5010	PHB5015	PHB5020	PHB5030	PHB5040
PHDEOK12	PHDEOK11	PHDEOK13	PHDEOK14	PHDEOK72
PHDESK12	PHDESK11	PHDESK13	PHDESK14	PHDESK72
PHDEDK12	PHDEDK11	PHDEDK13	PHDEDK14	PHDEDK72

PHANTOM 50 SERIES BALLAST ELECTRICAL SPECIFICATIONS

Model	Watts	Main Voltage	Operating Voltage Range	Frequency	Max Input Power	Output Power Settings	Power Factor	Ignitor Voltage	THD	CF	ta	tc
PHB5010	1000W	120/240V	110-265V	50/60 Hz	1246W	600W-750W-825W-1000W-1150W	> 0.98	3-5 kV	< 8%	1.414-1.6	40°C/104°F	70°C/158°F
PHB5015	1000W	208/240V	185-265V	50/60 Hz	1236W	600W-750W-825W-1000W-1150W	> 0.98	3-5 kV	< 8%	1.414-1.6	40°C/104°F	70°C/158°F
PHB5020	1000W	277V	255-300V	50/60 Hz	1236W	600W-750W-825W-1000W-1150W	> 0.98	3-5 kV	< 8%	1.414-1.6	40°C/104°F	70°C/158°F
PHB5030	1000W	480V	450-510V	50/60 Hz	1215W	600W-750W-825W-1000W-1150W	> 0.98	3-5 kV	< 8%	1.414-1.6	40°C/104°F	70°C/158°F
PHB5040	750W	120/240V	110-265V	50/60 Hz	902W	400W-500W-600W-750W-825W	> 0.98	3-5 kV	< 8%	1.414-1.6	40°C/104°F	70°C/158°F

BALLAST INPUT AMPERAGE REFERENCE

Model	BALLAST INPUT AMPERAGE REFERENCE					
PHB5010	I_{max} 120/240V	1150W 120/240V	1000W 120/240V	825W 120/240V	750W 120/240V	600W 120/240V
	10.5A/5.3A	10.2A/5.1A	8.9A/4.5A	7.4A/3.7A	6.7A/3.3A	5.4A/2.7A
PHB5015	I_{max} 208/240V	1150W 208/240V	1000W 208/240V	825W 208/240V	750W 208/240V	600W 208/240V
	6.0A/5.3A	5.8A/5.1A	5.1A/4.4A	4.2A/3.7A	3.9A/3.3A	3.1A/2.7A
PHB5020	I_{max} 277V	1150W 277V	1000W 277V	825W 277V	750W 277V	600W 277V
	4.6A	4.4A	3.8A	3.2A	2.9A	2.3A
PHB5030	I_{max} 480V	1150W 480V	1000W 480V	825W 480V	750W 480V	600W 480V
	2.6A	2.5A	2.2A	1.8A	1.6A	1.3A
PHB5040	I_{max} 120/240V	825W 120/240V	750W 120/240V	600W 120/240V	500W 120/240V	400W 120/240V
	7.6A/3.8A	7.4A/3.7A	6.7A/3.3A	5.4A/2.7A	4.5A/2.2A	3.6A/1.8A

BALLAST LED STATUS INDICATORS

STATUS	DIMMING BUTTON	SELECTED POWER LED
Warm Up	On	Slow Flash
Normal Operation	On	On
Stand By	Slow Flash	Slow Flash
Ballast Fault	Off	Off
Lamp Fault	Off	Rapid Flash
End of Life Lamp Indicator	Rapid Flash	Off
Connection Error	Flash X 1	Off
High Input Voltage	Flash X 2	On
Low Input Voltage	Flash X 3	On
Over Temperature	Flash X 4	On