



**TEST REPORT**

**B200/250W-240M**

<b>Item:</b>	B200/250W-240M	<b>PO no.:</b>	S201004072
<b>Mains:</b>	120-240V, 50/60Hz, 250W Digital Ballast	<b>Date:</b>	Apr 16/10

<b>Testing Environment:</b>	Lamps: SYLVANIA HPS250W
	Rel. Humidity: 35% Temperature: 18°C

Conditions:				Sample #1	Sample #2	Sample #3
	Min	Typ	Max			
Operational Performance (V)	108	120-240	265			
Operational Safety	102	120-240	276			
Mains Frequency (Hz)	45	60	66			

**Operation (Input)**

Input Power (W)@120V	255	265	275	268		
Input Power (W)@240V	--	--	--	262		
Dimming Range 80%	200	212	220	210		
Power Factor	0.97	0.98	0.99	0.99		
Current @ 120V	2.1	2.2	2.3	2.19		
Current @ 240V	1	1.1	1.2	1.11		
TDH (%)	--	1	10	2.1		
Inrush Current @ 120V	--	10	30	<30		
Inrush Current @ 240V	--	10	30	<30		

**Operation (Output)**

Operational Frequency (kHz)	30	40	50	46.38		
Open-Circuit Power (W)	--	0.5	2.5	1.3		
Supply Voltage (V)	80	100	120	99.6		
Pulse Voltage (KV)	3	4	5	3.54		
Start Warm Lamp (min)	--	1-5-10-15-20	20	1		
Output Power (W)@120V	239	249	258	250		
Output Power (W)@240V	--	--	--	251		

**Safety**

Aging Hours		12		12		
Ta (C/F)		40/104		40/104		
Tc (C/F)		70/158		70/158		
Grounding		0.5 Ω /25A		0.5 Ω /25A		
Dielectric Voltage (V)		1800VAC,1S		1800VAC,1S		

**Physical Data**

Dimension - Body (mm)				179x108x62mm		
Material				Aluminium		
Color				White		
Weight (kg/lbs)				1.6kg		