



TEST REPORT

B100W-277M

Item:	B100W-277M	PO no.:	S201003051
Mains	277V, 50/60Hz, 100W Digital Ballast	Date:	Apr 16/10

Testing Environment:	Lamps: SYLVANIA HPS100W	Temperature: 18°C
	Rel. Humidity: 35%	

Conditions:				Sample #1	Sample #2	Sample #3
	Min	Typ	Max			
Operational Performance (V)	255	277	299			
Operational Safety	249	277	304			
Mains Frequency (Hz)	45	60	66			

Operation (Input)

Input Power (W)	100	105	110	104.5		
Power Factor	0.97	0.98	0.99	0.976		
Current @ 277V	0.36	0.38	0.4	0.387		
TDH (%)	--	5	10	9.3		
Inrush Current @ 277V	--	10	30	<30		

Operation (Output)

Operational Frequency (kHz)	60	80	100	74.99		
Open-Circuit Power (W)	--	0.5	2.5	1.2		
Supply Voltage (V)	40	50	60	53		
Pulse Voltage (KV)	3	3.5	4	3.32		
Start Warm Lamp (min)	--	1-5-10-15-20	20	1		
Output Power (W)	94	98	103	95		

Safety

Aging Hours		12		12		
Ta (C/F)		40/104		40/104		
Tc (C/F)		70/158		70/158		
Grounding		0.5Ω/25A		0.5Ω/25A		
Dielectric Voltage (V)		1900VAC,1S		1900VAC,1S		

Physical Data

Dimension - Body (mm)				154x85x52mm		
Material				Aluminium		
Color				White		
Weight (kg/lbs)				1.0kg		