



**TEST REPORT**

**B750W-277H**

<b>Item:</b>	B750W-277H	<b>PO no.:</b>	S201004072
<b>Mains</b>	277V, 50/60Hz, 750W Digital Ballast	<b>Date:</b>	Apr.16,10

<b>Testing Environment:</b>	Lamps: SYLVANIA HPS750W	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)**

	750	795	825	778.4	772	784
Input Power (W)	750	795	825	778.4	772	784
Power Factor	0.97	0.98	0.99	0.993	0.988	0.986
Current @ 277V	2.7	2.8	2.9	2.85	2.87	2.79
TDH (%)	--	5	10	6.8	6.2	6.2
Inrush Current @ 277V	--	10	30	<30	<30	<30

**Operation (Output)**

	30	40	50	43.08	42	45
Operational Frequency (kHz)	30	40	50	43.08	42	45
Open-Circuit Power (W)	--	2.5	5	3.1	2.8	2.9
Supply Voltage (V)	110	130	150	134.5	132	135
Pulse Voltage (kV)	3	4	5	4.88	4.6	4.6
Start Warm Lamp (min)	--	1	25	1	0.5	1
Output Power (W)	720	763	792	758	760	750

**Safety**

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

**Physical Data**

Dimension - Body (mm)				321x135x82mm	321x135x82mm	321x135x82mm
Material				Aluminium	Aluminium	Aluminium
Color				White	White	White
Weight (kg/lbs)				4.0kg	4.0kg	4.0kg