



**TEST REPORT**

**B600W-277M**

Item:	B600W-277M	PO no.:	S201007212
Mains	277V, 50/60Hz, 600W Digital Ballast	Date:	Sep 7/10

<b>Testing Environment:</b>	Lamps:	EYE HORTILUX HPS600W LU600S/HTL/EN
		SUNMASTER MH600W LM.600W.U25.CDX
	Rel. Humidity:	45%
		Temperature: 28°C

Conditions:				Sample #1	Sample #2	Sample #3	Sample #4
	Min	Typ	Max				
Operational Performance (V)	255	277	300				
Operational Safety	250	277	305				
Mains Frequency (Hz)	45	60	66				

**Operation (Input)**

	600	636	660	638	639.4	637.2	640
Input Power (W)	600	636	660	638	639.4	637.2	640
Power Factor	0.97	0.98	0.99	0.986	0.986	0.984	0.986
Current @ 277V	2.17	2.29	2.38	2.32	2.33	2.315	2.33
TDH (%)	--	--	15	7.2	7.2	7.1	7.3
Inrush Current @ 277V	--	--	30	<30	<30	<30	<30

**Operation (Output)**

	60	75	90	74.76	74.36	73.14	74.51
Operational Frequency (kHz)	60	75	90	74.76	74.36	73.14	74.51
Open-Circuit Power (W)	--	0.5	5	3.2	3.5	3.2	3.3
Supply Voltage (V)	80	120	160	130.7	131.1	130.6	131
Pulse Voltage (KV)	3	4	5	4.84	4.68	4.8	4.8
Start Warm Lamp (min)	--	10	20	10	10	10	10
Output Power (W)	564	600	624	613.2	614.7	612.8	615

**Safety**

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

**Physical Data**

Dimension - Body (mm)	266x138x90.5			266x138x90.5			
		aluminium		aluminium	aluminium	aluminium	aluminium
Material		aluminium		aluminium	aluminium	aluminium	aluminium
Color		white		white	white	white	white
Weight (kg/lbs)		3.13/6.9		3.058/6.74	3.152/6.95	3.171/6.99	3.136/6.91