

8mA22004

Dimming Option

5

1,2

3,4,8

+ Vin

-

(1)

5% - 100%

approx. 1.5 ms*

Pulse-Width Modulated Controlled

Note 1 Input by-pass capacitor (25 uf - 100uf) may be required to reduce reflected ripple.

Endicott Research Group, Inc.

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Absolute Maximum Ratings

Rating	Symbol	Value	Units
Input Voltage Range	Vin	-0.3 to +14.0	Vdc
Operating Temperature	To	-0 to +70	°C
Storage Temperature	Tstg	-40 to +85	°C

Recommended Operating Conditions

Rating	Symbol	Value	Units
Input Voltage	Vin	+6 to 13.2	Vdc

Electrical Characteristics

Unless otherwise noted Vin = 12.00 Volts dc and Ta = 25 °C

Characteristic	Symbol	Min	Typ	Max	Units
Input Current	Iin	-	0.47	0.52	Adc
Operating Frequency	Fo	41	46	51	KHz
Minimum Output Voltage	Vout (min)	1250	-	-	Vrms
Efficiency	η	-	90	-	%
Output Current per tube	Iout	-	5.0	-	marms
Output Voltage (When powering the NEC NL6448AC33-18 display.)	Vout	-	510	-	Vrms
Pin5 Input Current Requirement	-	-	4	-	madc

After tube has been allowed to warm-up for 5 minutes
External Disable Circuit shown on page 3.

Specifications subject to change without notice.

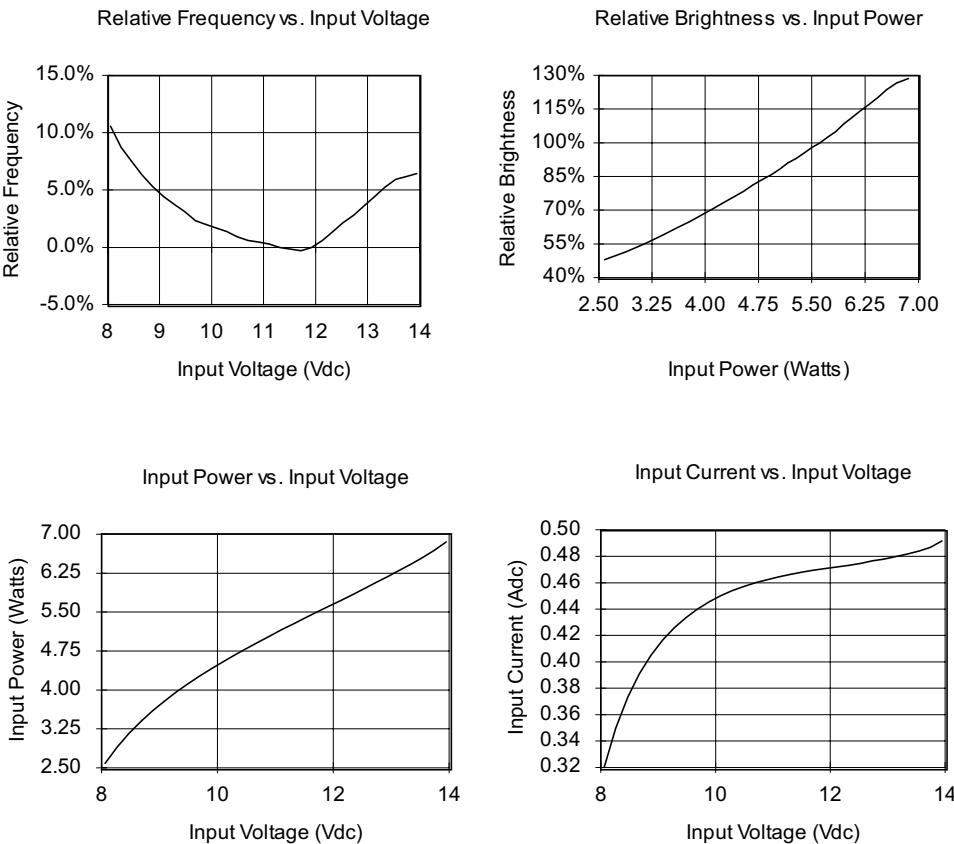


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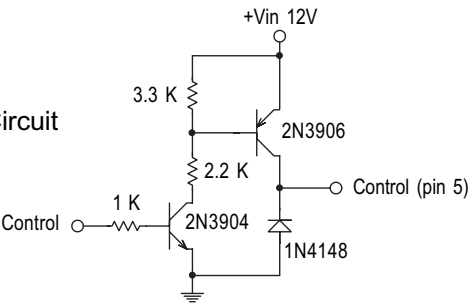
Made in USA

Typical Performance Curves

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Disable Circuit



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