

20-4101 A

REVISIONS		
REV	DESCRIPTION	DATE
A0	CHANGED PER ECN 13-009	2/8/2010

SAFETY STANDARDS COMPLIANCE:
UL1310, CLASS 2
UL879

EMI STANDARDS:
FCC 47 CFR PART 15 CLASS B
CE EN55022, EN55011 CLASS B
EN61000-3-2,3,-4-2,3,4,5,6,8,11

SAFETY CERTIFICATIONS
UL E249377
FCC F930527A04
CE CE930527A04
IP IP930102

INPUT RANGE:
100 - 277 VAC, 0.3 A @ FULL LOAD.

FREQUENCY: 50 - 60 Hz. **POWER FACTOR:** > 0.92
EFFICIENCY: 82 % Typ. **LEAKAGE CURRENT:**
PEAK INRUSH: < 0.75mA @ 230VAC
10 AMPS @ 115V AC
20 AMPS @ 230V AC

LOAD CAPACITY: 20 WATTS

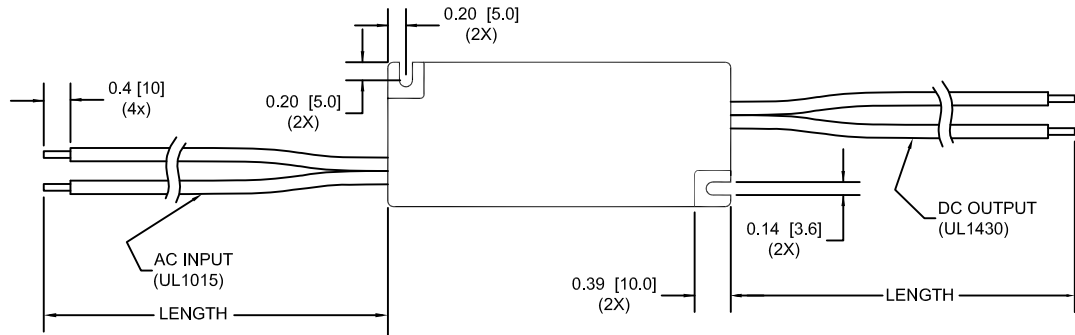
OUTPUT	MIN	MAX	LOAD REG
220mA	26.0 VOLTS	52.0 VOLTS	+5%/-5%

COOLING: CONVECTION **PROTECTION:** OVP,OCP,SCP
NOISE LEVEL: 24 dB AUTO-RECOVERY

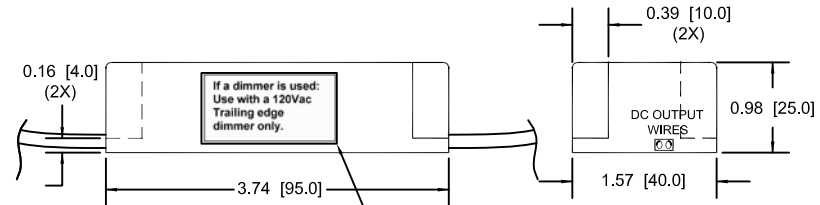
RELIABILITY (MTBF): (MIL-HDBK-217E)
100,000 HRS. @ 25 DEG. C @ FULL LOAD

ENVIRONMENTAL CONDITIONS:
OPERATING TEMPERATURE: -30 ~ 70°C
RELATIVE HUMIDITY: 5 ~ 95%
LOCATION: DRY OR DAMP

CONNECTOR:



CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC IN	—	BLACK	LINE	18	6.0 [152] +0.5 [+13]
	—	WHITE	NEUTRAL	18	
DC OUT	—	RED	+V	18	-0.0 [-0]
	—	BLACK	GND	18	



**If a dimmer is used:
Use with a 120Vac
Trailing edge
dimmer only.**

Light engine: P/N 207-0034-2_B, Vf=49.9 VDC

- Notes:**
- 1.- AC dimmable unit
 - 2.- Add logo "AC Dimm®" to label
 - 3.- Add this label to the side of unit
 - 4.- Trailing edge dimmers only
 - 5.- Temp de-rating 2% per °C from 60°C to 70°C



MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD.

THIS ITEM IS THE PROPERTY OF MAGTECH INDUSTRIES AND CONTAINS PROPRIETARY CONFIDENTIAL AND TRADE SECRET INFORMATION. THE INFORMATION CONTAINED HEREIN MUST NOT BE USED, DISCLOSED OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT FROM MAGTECH IND.				
UNLESS OTHERWISE SPECIFIED	QC:			
DIMENSIONS IN INCHES (MM)				
TOLERANCES:		TITLE: LP1020-52-C0220, CN-0196, 277VAC, 220mA, AC DIMM TE		
.X DECIMALS±	.05 [1.3]	APPROVAL DATE: 2/8/2010	MODEL NO.	DWG NO.
.XX DECIMALS±	.02 [0.5]	EFFECTIVE DATE: 2/8/2010	LP1020-52-C0220	M20-4101
.XXX DECIMALS±	.005 [0.13]			REV. A0
ANGLES±	1°			SH OF
FRACTIONS±	1/16			1 1
DO NOT SCALE THIS DRAWING				
INTERPRET DRAWING PER ANSI Y14.5M				