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20-4125 B

SAFETY STANDARDS COMPLIANCE:
UL1310, CLASS 2
LVD EN 60950
UL48

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
CUL E234571
UL E234571
CUL E249377
UL E249377
FCC F930527A04
CE CE930527A04
IP IP930102

SAFETY

INPUT RANGE: AC 115/230V, Auto Switch.
100 – 240 VAC, 0.3 A @ FULL LOAD.
277 – 277 VAC, 0.15 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

INPUT

LOAD CAPACITY: 20 WATTS
OUTPUT MIN MAX LOAD REG
1100mA 7.0 VOLTS 12.0 VOLTS +5%/-5%

OUTPUT

COOLING: CONVECTION PROTECTION:
NOISE LEVEL: 0 dB OVP,OCP,SCP
AUTO-RECOVERY
RELIABILITY (MTBF): (MIL-HDBK-217E)
100,000 HRS. @ 25 DEG. C @ FULL LOAD

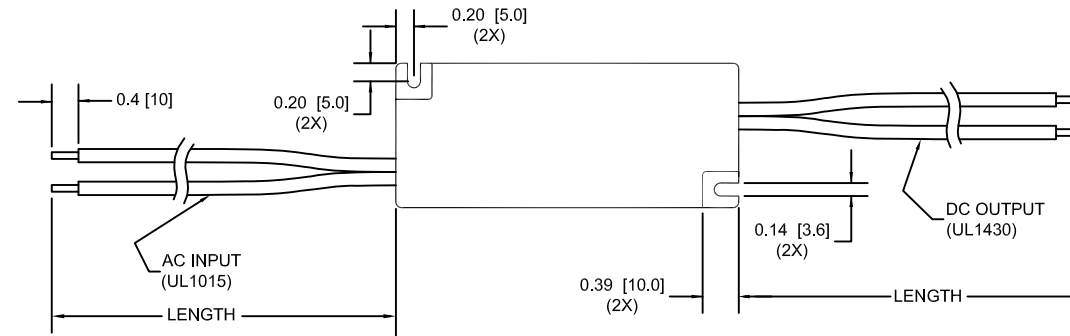
MISCELLANEOUS

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

CONNECTOR:

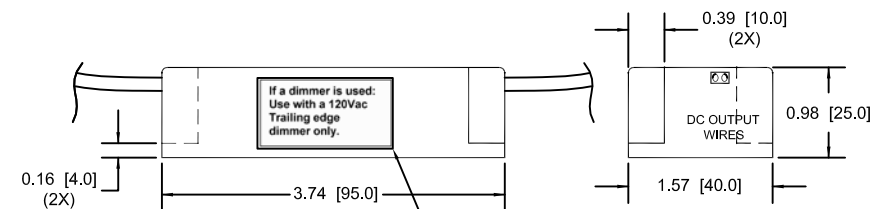
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REVISIONS		
REV	DESCRIPTION	DATE
B0	CHANGED PER ECN 10-026, 10-030	9/3/2010
A0	RELEASE TO PRODUCTION	6/30/2010



NON STANDARD WIRE COLOR

CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC IN	—	BLACK	LINE	18	6.0 [152] +0.6 [+15] -0.0 [0.0]
	—	WHITE	NEUTRAL	18	
DC OUT	—	YELLOW	+V	18	
	—	BLUE	GND	18	



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

Light Engine: BRIDEGELUX P/N: BXRA402

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 1% per °C from 60°C TO 70°C
- 6.- Add label to carton box: see details on drawing 77-0110
- 7.- Magtech provides 5 years warranty

MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD.

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UNLESS OTHERWISE SPECIFIED	APPROVAL DATE	9/30/2010	
DIMENSIONS IN INCHES [MM]	EFFECTIVE DATE	9/3/2010	
TOLERANCES: .X DECIMALS± .05 [1.3] .XX DECIMALS± .02 [0.5] .XXX DECIMALS± .005 [0.13] ANGLES± 1° FRACTIONS± 1/16	CHECKED BY		
DO NOT SCALE THIS DRAWING	APPROVED BY		TITLE: LP1020-12-C1100, CN-0214, 1.1A, AC DIMM, 5YRS
INTERPRET DRAWING PER ANSI Y14.5M			
MODEL NO. LP1020-12-C1100		DWG NO. M20-4125	REV. B0 SH OF 1 1

FORM PF-0004