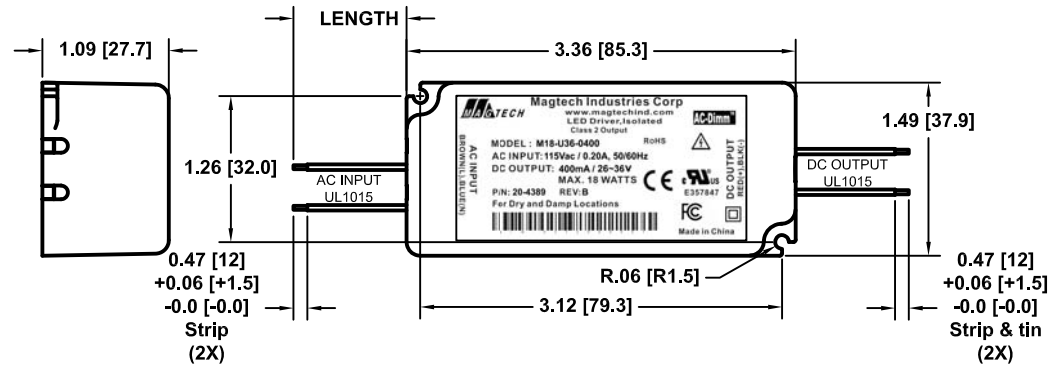


REVISIONS		
REV	DESCRIPTION	DATE
B1	CHANGED PER ECN 15-005	03/23/2015
B0	CHANGED PER ECN 14-023	12/05/2014
A0	CHANGED PER ECN 14-021	11/05/2014

<p><b>SAFETY STANDARDS COMPLIANCE:</b> UL8750 UL1310</p>		<p><b>SAFETY CERTIFICATIONS</b> UL cUL E357847 CE LVD A001E121227005S EMC A001E121227005E FCC A001E130624018E</p>											
<p><b>EMI STANDARDS:</b> FCC 47 CFR PART 15 CLASS B</p>		<b>SAFETY</b>											
<p><b>INPUT RANGE:</b> 115 VAC, 200mA @ FULL LOAD.</p>		<p><b>DIMMING:</b> AC Phase - Trailing edge only</p>											
<p><b>FREQUENCY:</b> 60 Hz. <b>EFFICIENCY:</b> 87 % Typ. <b>PEAK INRUSH:</b> 39 AMPS @ 110V AC</p>		<p><b>POWER FACTOR:</b> 0.97 <b>LEAKAGE CURRENT:</b> &lt; 0.01mA @120VAC Surge Immunity: 2.5K Vac</p>											
<p><b>STANDARD LOAD RANGE:</b></p> <table border="1"> <thead> <tr> <th>OUTPUT</th> <th>MIN</th> <th>MAX</th> <th>LOAD REG</th> <th>MAX. RIP</th> </tr> </thead> <tbody> <tr> <td>400mA</td> <td>26V</td> <td>36V</td> <td>±5%</td> <td>2.4%</td> </tr> </tbody> </table>		OUTPUT	MIN	MAX	LOAD REG	MAX. RIP	400mA	26V	36V	±5%	2.4%	<b>INPUT</b>	
OUTPUT	MIN	MAX	LOAD REG	MAX. RIP									
400mA	26V	36V	±5%	2.4%									
<p><b>COOLING:</b> CONVECTION <b>NOISE LEVEL:</b> &lt;24 dB (Doc A001E130422009K)</p>		<p><b>PROTECTION:</b> OCP,SCP,OVP AUTO-RECOVERY</p>											
<p><b>RELIABILITY (MTBF):</b> (MIL-HDBK-217E) 100,000 HRS. @ 25 DEG. C @ FULL LOAD</p>		<b>MISCELLANEOUS</b>											
<p><b>ENVIRONMENTAL CONDITIONS:</b> OPERATING TEMPERATURE: -20 ~ 50°C RELATIVE HUMIDITY: 5 ~ 95% LOCATION: For Dry and Damp Use Only</p>													
<p><b>CONNECTOR:</b> N/A</p>													
<p>PF, THD AND EFFICIENCY CALCULATIONS ARE BASED ON THE LOADING OF THE DRIVER TO MINIMUM 65% AND MAXIMUM 100% OF 18W</p>													



**MAGTECH** Magtech Industries Corp  
www.magtechind.com  
LED Driver, Isolated  
Class 2 Output

**AC-Dimm™**

**MODEL : M18-U36-0400** RoHS

**AC INPUT: 115Vac / 0.20A, 50/60Hz**

**DC OUTPUT: 400mA / 26~36V**  
MAX. 18 WATTS

**P/N: 20-4389 REV: B**  
For Dry and Damp Locations

**AC INPUT BROWN(L),BLUE(N)** **DC OUTPUT RED(+),BLK(-)**

E357847  
Made in China

**NON STANDARD WIRE GAUGE**

CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC	--	BROWN	LINE	18	6.5 [165]
IN	--	BLUE	NEUTRAL	18	
DC	--	RED	+V	20	± 0.5 [± 13]
OUT	--	BLACK	GND	20	

- Notes:
- 1.- 5 yrs warr provided to point remains below 75°C
  - 2.- Bar code defined by drawing 77-0120.
  - 3.- Transformer - Class 130 (B), Insulation system
  - 4.- Start up time is <1second

MANUFACTURED BY:

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**MAGTECH**

**TITLE:**  
M18-U36-0400, CN-0267, 115VAC, 400mA, 26~36V, AC DIMM, 5Y

UNLESS OTHERWISE SPECIFIED	QC:
DIMENSIONS IN INCHES (MM)	
TOLERANCES:	
.X DECIMALS ± .05 (1.3)	
.XX DECIMALS ± .02 (0.5)	
.XXX DECIMALS ± .005 (0.13)	
ANGLES ± 1°	
FRACTIONS ± 1/16	
DO NOT SCALE THIS DRAWING	APPROVAL DATE: 10/31/2014
INTERPRET DRAWING PER ANSI Y14.5M	EFFECTIVE DATE: 10/14/2014

MODEL NO. M18-U36-0400	DWG NO. 20-4389	REV. B1	SH OF 1 1
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FORM PF-0004