

REVISIONS		
REV	DESCRIPTION	DATE
A1	CHANGED PER ECN 16-014	05/23/2016
A0	RELEASE TO PRODUCTION	03/06/2015

SAFETY STANDARDS COMPLIANCE:
 TUV EN 60950
 CE EN 50082-1
 UL1310, CLASS 2
 UL879

SAFETY CERTIFICATIONS
 UL, cUL E314969
 LVD 16KWS030151D
 EMC dir 16KWE033591E
 COC CECO1001

EMI STANDARDS:
 FCC 47 CFR PART 15 CLASS B

SAFETY

INPUT RANGE:
 110 - 277 VAC,
 0.88~0.32 A @ FULL LOAD.

THD<20%.

FREQUENCY: 50 / 60 Hz.
EFFICIENCY: 80 % Typ.

POWER FACTOR: >0.92

PEAK INRUSH:
 10 AMPS @ 115V AC
 23 AMPS @ 277V AC

LEAKAGE CURRENT:

< 0.5mA @277VAC
 Surge Immunity: 2.5K Vac

INPUT

LOAD CAPACITY: 100 WATTS

OUTPUT	MIN	MAX	LOAD REG	MAX. RIP
+24V	1.0 AMPS	4.2 AMPS	+3%/-3%	120mV p/p

OUTPUT

COOLING: CONVECTION

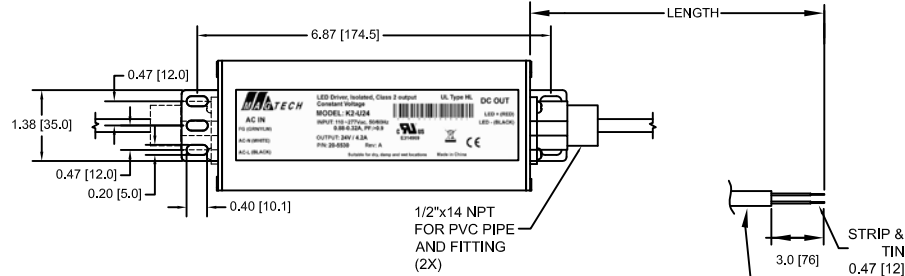
NOISE LEVEL: 24 dB @ 1Ft.

RELIABILITY (MTBF): (MIL-HDBK-217E)
 65,000 HRS. @ 25 DEG. C @ FULL LOAD

ENVIRONMENTAL CONDITIONS:
 OPERATING TEMPERATURE: -30°C ~ 50°C
 RELATIVE HUMIDITY: 5 ~ 95%
 FOR DRY, DAMP AND WET LOCATIONS

CONNECTOR:
 N/A

MISCELLANEOUS



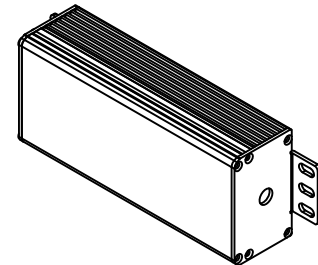
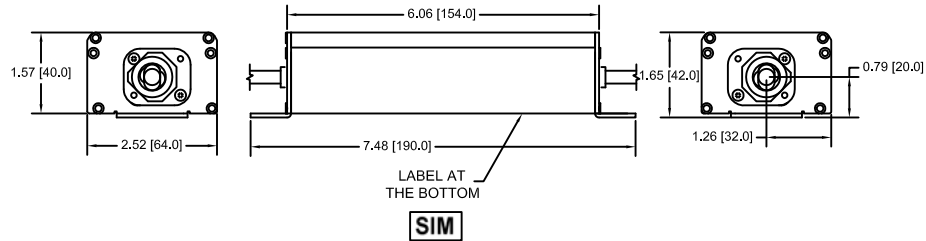
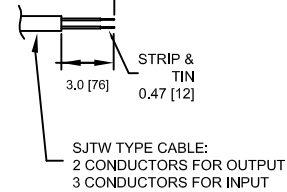
MAGTECH LED Driver, Isolated, Class 2 output UL Type HL DC OUT
 Constant Voltage MODEL: K2-U24 LED + (RED) LED - (BLACK)

AC IN FG (GRN/YLW) AC-N (WHITE) AC-L (BLACK)

INPUT: 110-277Vac, 50/60Hz 0.88-0.32A, PF:>0.9
 OUTPUT: 24V / 4.2A Rev: A

P/N: 20-5530

Suitable for dry, damp and wet locations Made in China



CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC	--	BLACK	LINE	18	18.0 [457]
IN	--	WHITE	NEUTRAL	18	
	--	GREEN	AC GND	18	
DC	--	RED	+V	18	±1.0 [25]
OUT	--	BLACK	GND	18	

- Notes:
- 1.- 5 yrs warr provided Tc point remains below 75°C
 - 2.- Transformer - Class 130 (B), Insulation system
 - 3.- Add installation instruction sheet (P/N 77-0127) inside of each individual box

MANUFACTURED BY: Manufactured by HIGH PERFECTION TECHNOLOGY

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UNLESS OTHERWISE SPECIFIED 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	QC:	MAGTECH	
T I T L E : K2-U24, 110~277VAC, 24V, 4.2A, W/O J-BOX, NON-DIM			
DO NOT SCALE THIS DRAWING INTERPRET DRAWING PER ANSI Y14.5M	APPROVAL DATE: 03/06/2015	MODEL NO. K2-U24	DWG NO. M20-5530
	EFFECTIVE DATE: 03/13/2015		REV. A1 SH OF 1 1