

A

B

C

D

E

A

B

C

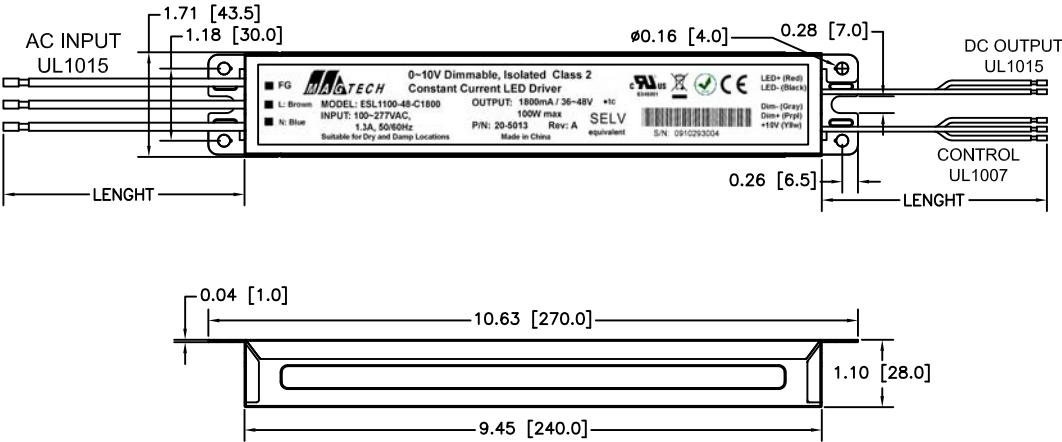
D

E

20-5013 A

SAFETY STANDARDS COMPLIANCE: UL8750 UL1310 LVD EN61347-2-13 EMI STANDARDS: FCC 47 CFR PART 15 CLASS B CE EN55015, EN61547 EN61000-4-2,3,4,5,6,8,11			SAFETY CERTIFICATIONS UL, cUL E345001 LVD pending FCC 14KWE061620F EMC pending			SAFETY
INPUT RANGE: 100 - 277 VAC, 1.3 A @ FULL LOAD. FREQUENCY: 50 / 60 Hz. POWER FACTOR: > 0.9 EFFICIENCY: 85 % Typ. LEAKAGE CURRENT: PEAK INRUSH: <1 mA 60A AMPS @ 230V AC						
LOAD CAPACITY: 100 WATTS OUTPUT MIN MAX LOAD REG MAX. RIP 1800mA 36V 48V ±6% 15% p-p						OUTPUT
COOLING: CONVECTION PROTECTION: NOISE LEVEL: 0 dB OCP,SCP,OVP AUTO-RECOVERY RELIABILITY (MTBF): (MIL-HDBK-217E) 100,000 HRS. @ 25 °C @ FULL LOAD ENVIRONMENTAL CONDITIONS: OPERATING TEMPERATURE: -20 ~ 40°C RELATIVE HUMIDITY: 5 ~ 95% LOCATION: DRY AND DAMP USE ONLY CONNECTOR:						
MISCELLANEOUS						

205013A0M1.DWG



CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC IN	—	BROWN	LINE	18	6.5 [165] ±0.5 [±13]
	—	BLUE	NEUTRAL	18	
	—	GREEN	FG	18	
DC OUT	—	RED	+V	18	
	—	BLACK	GND	18	
DIM CNTL	—	YELLOW	+10V OUT	20	
	—	PURPLE	DIM+	20	
	—	GRAY	DIM-	20	

FG

L: Brown

N: Blue

MAGTECH

MODEL: ESL1100-48-C1800

INPUT: 100~277VAC, 1.3A, 50/60Hz

Suitable for Dry and Damp Locations

0~10V Dimmable, Isolated Class 2 Constant Current LED Driver

OUTPUT: 1800mA / 36~48V *tc

100W max

P/N: 20-5013 Rev: A

Made in China

UL E345001

CE

SELV equivalent

S/N: 0910293004

LED+ (Red)

LED- (Black)

Dim- (Gray)

Dim+ (Prpl)

+10V (Yllw)

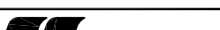
Notes:

1.- 5 yrs warr provided Tc point remains below 75°C

2.- Bar code defined by drawing 77-0120.

3.- Transformer – Rated Class 130 (B) insulation system

MANUFACTURED BY:

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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°		TITLE: ESL1100-48-C1800, CN-0197, 100~277VAC, 1800mA, 36~48V, 5YRS									
FRACTIONS± 1/16											
DO NOT SCALE THIS DRAWING		APPROVAL DATE: 06/27/2014		MODEL NO.		DWG NO.		REV. A0		SH OF	
INTERPRET DRAWING PER ANSI Y14.5M		EFFECTIVE DATE: 07/02/2014		ESL1100-48-C1800		M20-5013				1 1	

FORM PF-0004