

20-3978

A

SAFETY STANDARDS COMPLIANCE:
UL8750
UL1012

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 E326521
cUL E326521
IP66 IPT20110076
CB SCHEME
DE2-015235
DE2-015256
EMC DIRECTIVE
HA110096-CE
FCC HA110096-FD

INPUT RANGE:
100 - 277 VAC, 0.8 A @ FULL LOAD.

FREQUENCY: 47 - 63 Hz. POWER FACTOR: 0.97

EFFICIENCY: 82 % Typ. LEAKAGE CURRENT:

PEAK INRUSH: < 0.25mA @ 115VAC
35 AMPS @ 115V AC < 0.5mA @ 230VAC
70 AMPS @ 230V AC Surge Immunity: 4KVac

LOAD CAPACITY: 53 WATTS
OUTPUT MIN MAX LOAD REG MAX. RIP
1.2A 26 VOLTS 42 VOLTS ±5% 5%

COOLING: CONVECTION

NOISE LEVEL: 0 dB

RELIABILITY (MTBF): (MIL-HDBK-217E)
50,000 HRS. @ 50 DEG. C @ FULL LOAD

ENVIRONMENTAL CONDITIONS:

OPERATING TEMPERATURE: -25 ~ 50°C
RELATIVE HUMIDITY: 5 ~ 95%

CONNECTOR:

PROTECTION:

OCP,SCP,OVP,OTP
AUTO-RECOVERY

SAFETY

INPUT

OUTPUT

MISCELLANEOUS

1.26 [32.0]

1.85 [47.0]

LENGHT
AC INPUT
UL1015

Ø0.16 [Ø4.0]

0.18 [4.5]

0.35 [9.0]

DC OUTPUT
UL1430

0.4 [10] (7X)

CONTROL
UL1430

LENGHT

5.43 [138.0]



*** 5 yrs warr provided to point remains below 85°C
*** Add label to carton box per document 77-0122.

REVISIONS		
REV	DESCRIPTION	DATE
A1	CHANGED PER ECO HPT US1705001 & US1705002	08/22/2017
A0	CHANGED PER ECN 14-016	08/19/2014

CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC IN	---	BLACK	LINE	18	
---	---	WHITE	NEUTRAL	18	
DC OUT	---	RED	+V	18	6.0 [152]
---	---	BLACK	GND	18	+0.5 [+13]
DIM	---	YELLOW	+10V OUT	22	-0.0 [-0]
CNTL	---	PURPLE	DIM+	22	
---	---	GRAY	DIM-	22	

MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD.

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UNLESS OTHERWISE SPECIFIED

DIMENSIONS IN INCHES (MM)
TOLERANCES:
X DECIMALS .04
XX DECIMALS .02
XXX DECIMALS .01
ANGLES .1°
FRACTIONS 1/16

DO NOT SCALE THIS DRAWING
INTERPRET DRAWING PER
ANSI Y14.5M

QC:

APPROVAL DATE: 10/18/2012
EFFECTIVE DATE: 10/11/2012

MODEL NO.
LF1048-42-C1200-010V

DWG NO.
M20-3978

REV. A1
SH OF 1 1

MAGTECH

T I T L E :
LF1048-42-C1200-010V, CN-0193, 1.2A, 26-42V, DIMMING, 5YRS

203978A1M1.DWG

FORM PF-0004