

REV	DESCRIPTION	REVISIONS	DATE
02	CHANGED PER ECN 11-025		11/21/2011
01	DIMENSIONS ADDED		03/31/2011

SAFETY STANDARDS COMPLIANCE:
 UL E301933
 cUL E301933

EMI STANDARDS:
 FCC 47 CFR PART 15 CLASS B
 CE EN55022, EN55011 CLASS B
 EN61000-4-2, 3, 4, 5, 6, 8, 11

SAFETY

INPUT

INPUT RANGE: AC 120VAC
 120±6% VAC, (SEE TABLE) ● FULL LOAD.

FREQUENCY: 60 Hz.
 EFFICIENCY: 80 % Typ.
 PEAK INRUSH:
 20A AMPS @ 115V AC

POWER FACTOR: > 0.90
 LEAKAGE CURRENT:

OUTPUT

LOAD CAPACITY: 24 WATTS
 MIN MAX
 SEE TABLE 1

LOAD REG

MISCELLANEOUS

COOLING: CONVECTION

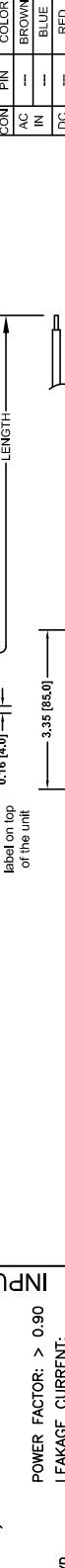
NOISE LEVEL: 0 dB

PROTECTION:
 OVP, OCP, SCP
 AUTO-RECOVERY

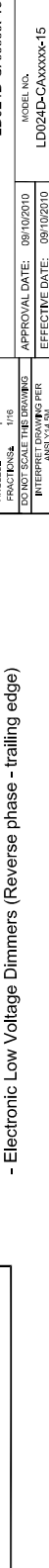
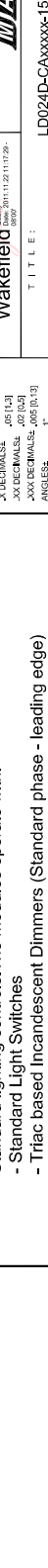
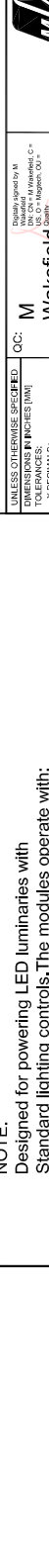
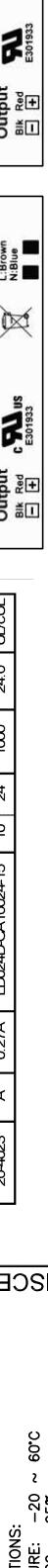
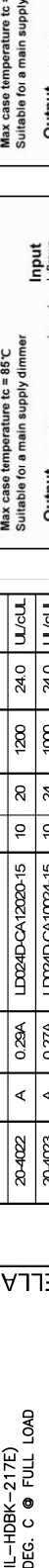
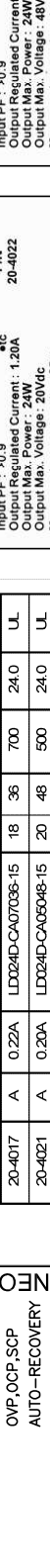
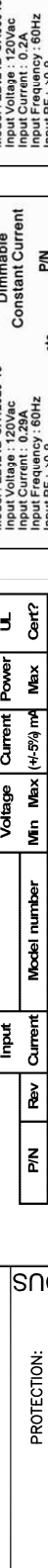
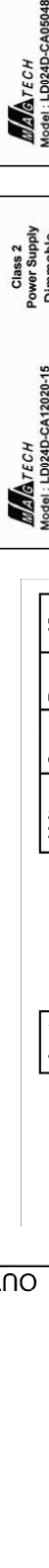
RELIABILITY (MTBF): (MIL-HDBK-217E)
 100,000 HRS. @ 25 DEG. C @ FULL LOAD

ENVIRONMENTAL CONDITIONS:
 OPERATING TEMPERATURE: -20 ~ 60°C
 RELATIVE HUMIDITY: 20 ~ 95%
 LOCATION: Dry use only

CONNECTOR:



CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC	---	BROWN	LINE	18	6.5 [165]
IN	---	BLUE	NEUTRAL	18	40.5 [103]
DC	---	RED	+V	18	
OUT	---	BLACK	GND	18	



CLASS 2
 Power Supply
 Dimmable
 Constant Current

Model : LD024D-CA05048-15
 Input Voltage : 120Vac
 Input Current : 0.22A
 Input PF : >0.9
 Input Frequency : 60Hz
 Output Regulated Current : 500mA
 Output Max. Power : 24W
 Output Max. Voltage : 48Vdc
 Max case temperature tc = 85°C
 Suitable for a main supply dimmer

Output
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 E301933

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