

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 E357847
cUL E357847
LVD
15KWS090064L
EMC DIRECTIVE
15KWE092993E

INPUT RANGE:
110 - 277 VAC, 0.63 - 0.23 A @ FULL LOAD.

FREQUENCY: 50 / 60 Hz.

THD: <20%

POWER FACTOR: >0.9

EFFICIENCY: 85 % Typ.

LEAKAGE CURRENT:

PEAK INRUSH:

0.66mA Max.

8 AMPS @ 115V AC

SURGE IMMUNITY: 2.5 KVA

16 AMPS @ 230V AC

LOAD CAPACITY: 50 WATTS

OUTPUT MIN MAX
850mA 34 Volts 54 Volts

LOAD REG MAX. RIP
±5% 5%

COOLING: CONVECTION

PROTECTION:

NOISE LEVEL: 0 dB

OCV,SCP,OLP,OVP

AUTO-RECOVERY

RELIABILITY (MTBF): (MIL-HDBK-217E)

100,000 HRS. @ 25 °C @ FULL LOAD

ENVIRONMENTAL CONDITIONS:

OPERATING TEMPERATURE: -40 ~ 50°C

RELATIVE HUMIDITY: 5 ~ 95% (NON CONDENSING)

LOCATION: DRY AND DAMP USE ONLY

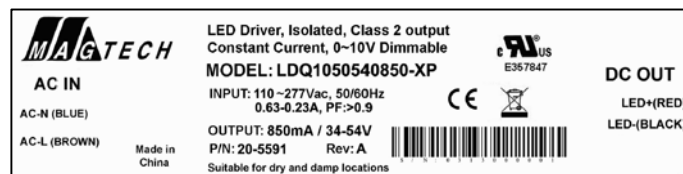
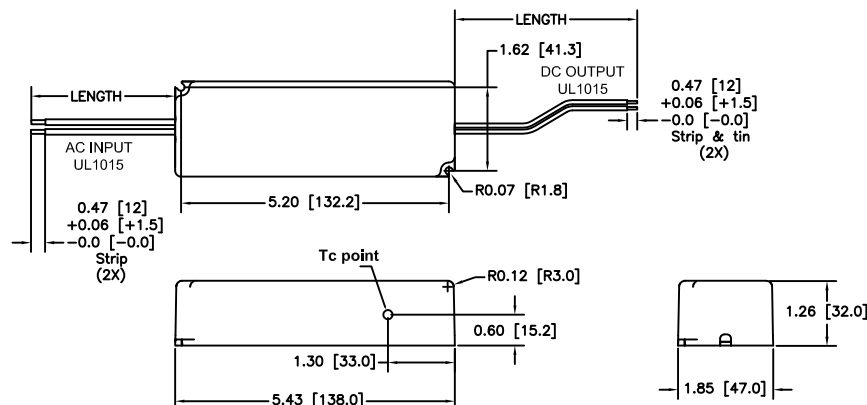
CONNECTOR:

N/A

PF, THD AND EFFICIENCY CALCULATIONS ARE
BASED ON THE LOADING OF THE DRIVER TO
MINIMUM 65% AND MAXIMUM 100% OF 50W

Notes:

- 1.- 5 yrs warr provided tc point remains below 80°C
- 2.- Bar code defined by drawing 77-0120.
- 3.- Transformer - Rated Class 130 (B) insulation system
- 4.- UL Tc = 85°C



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

MANUFACTURED BY: ES

ACUITY/ILLUMINATION DYNAMICS

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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	
TITLE: LDQ1050540850-XP, CN-0188, 110-277VAC, 850mA, 34-54V			
DO NOT SCALE THIS DRAWING INTERPRET DRAWING PER ANSI Y14.5M	APPROVAL DATE: 10/30/2015 EFFECTIVE DATE: 09/01/2015	MODEL NO. LDQ1050540850-XP	DWG NO. 20-5591 REV. A3 SH OF 1 1