

REVISIONS		
REV	DESCRIPTION	DATE
A0	RELEASE TO PRODUCTION	3/30/2011

**SAFETY STANDARDS COMPLIANCE:**  
 UL1310, CLASS 2  
 LVD EN 60950  
 UL48

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

**SAFETY CERTIFICATIONS**  
 CUL E234571  
 UL E234571  
 CUL E249377  
 UL E249377  
 CE CE930707A04  
 FCC F930707A04  
 IP IP930103

**INPUT RANGE:** AC 115/230V, Auto Switch.  
 100 - 240 VAC, 0.5 A @ FULL LOAD.  
 277 - 277 VAC, 0.20 A @ FULL LOAD.

**FREQUENCY:** 50 - 60 Hz. **POWER FACTOR:** > 0.92

**EFFICIENCY:** 82 % Typ. **LEAKAGE CURRENT:**

**PEAK INRUSH:** < 0.25mA @ 115VAC  
 10 AMPS @ 115V AC  
 20 AMPS @ 230V AC

**LOAD CAPACITY:** 40 WATTS

OUTPUT	MIN	MAX	LOAD REG
1670mA	9.0 VOLTS	18.0 VOLTS	+5%/-5%

**COOLING:** CONVECTION

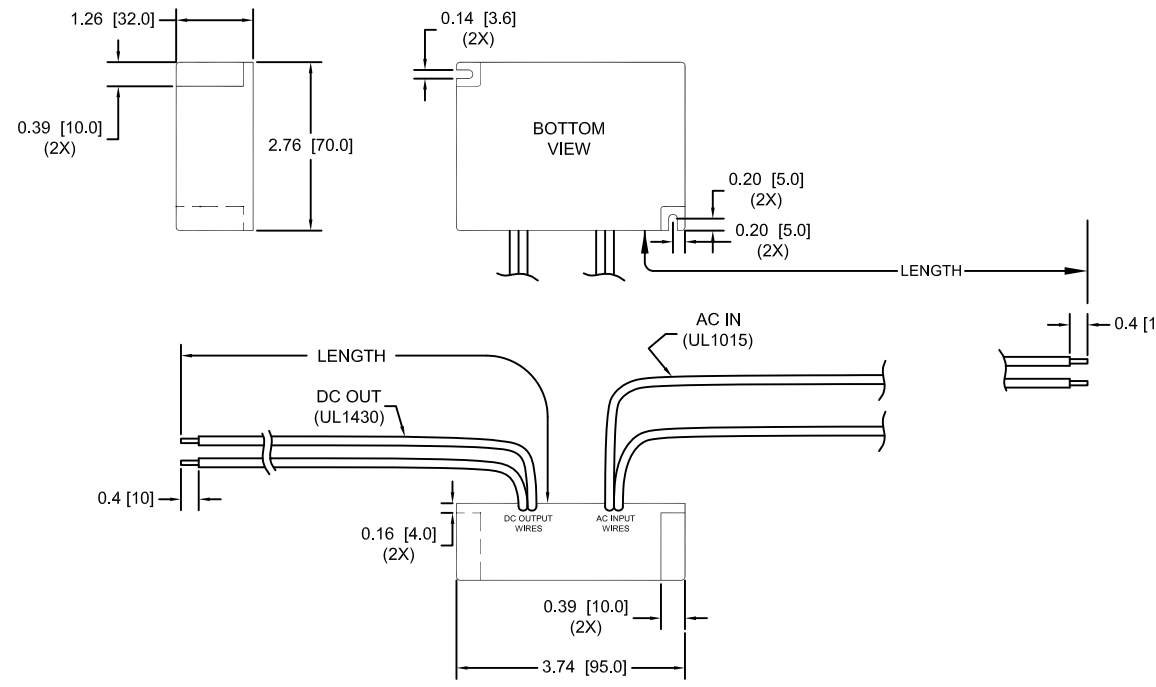
**NOISE LEVEL:** 0 dB

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

**ENVIRONMENTAL CONDITIONS:**  
 OPERATING TEMPERATURE: -30 ~ 70°C  
 RELATIVE HUMIDITY: 5 ~ 95%  
 LOCATION: DRY OR DAMP

**CONNECTOR:**

**PROTECTION:**  
 OCP,SCP  
 AUTO-RECOVERY



**NON STANDARD WIRE COLOR**

CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC IN	-	BLACK	LINE	18	6.0 [152]
	-	WHITE	NEUTRAL	18	+0.5 [+13]
DC OUT	-	RED	+V	18	-0.0 [-0]
	-	BLUE	GND	18	

**HPS HIGH PERFECTION TECH.**  
 CLASS 2 POWER SUPPLY  
 www.highperfection.com.tw

**MODEL:** LP1040-18-C1670 RoHS  
**AC INPUT:** ~100 - 240Vac 0.5A, ~277Vac 0.2A, 50 / 60Hz  
**DC OUTPUT:** --- 9~18V / 1.67A (Con. Current) **MAX. 40W**

P/N: 609-0021 REV : A **AC-Dimm™**

**IP66 CE FC** **UL US E249377**

S/N: 0910293004

<b>AC INPUT</b> L --- BLACK N --- WHITE	ta: 60°C tc: 90°C SELV EQUIV	<b>DC OUTPUT</b> + --- RED --- BLUE
---	------------------------------------	---

MADE IN TAIWAN

light engine Bridgelux BXRA-W1202 LED

**NOTES:**  
 TEMP DE-RATING 1% PER °C FROM 60°C TO 70°C  
 5 YRS WARR PROVIDED Tc POINT REMAINS BELOW 85°C

**MANUFACTURED BY:** HIGH PERFECTION TECHNOLOGY CO., LTD.

THIS ITEM IS THE PROPERTY OF MAGTECH INDUSTRIES AND CONTAINS PROPRIETARY CONFIDENTIAL AND TRADE SECRET INFORMATION. THE INFORMATION CONTAINED HEREIN MUST NOT BE USED, DISCLOSED OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT FROM MAGTECH IND.

**MAGTECH**

**TITLE:** LP1040-18-C1670, CN-0214, 277V, 1.67A, 9~18V, AC DIMM, PL 5Y

DO NOT SCALE THIS DRAWING	APPROVAL DATE: 3/30/2011	MODEL NO. LP1040-18-C1670	DWG NO. M20-4162	REV. A0	SH OF 1 1
INTERPRET DRAWING PER ANSI Y14.5M	EFFECTIVE DATE: 4/15/2011				