

REVISIONS		
REV	DESCRIPTION	DATE
A0	RELEASE TO PRODUCTION	8/10/2011

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

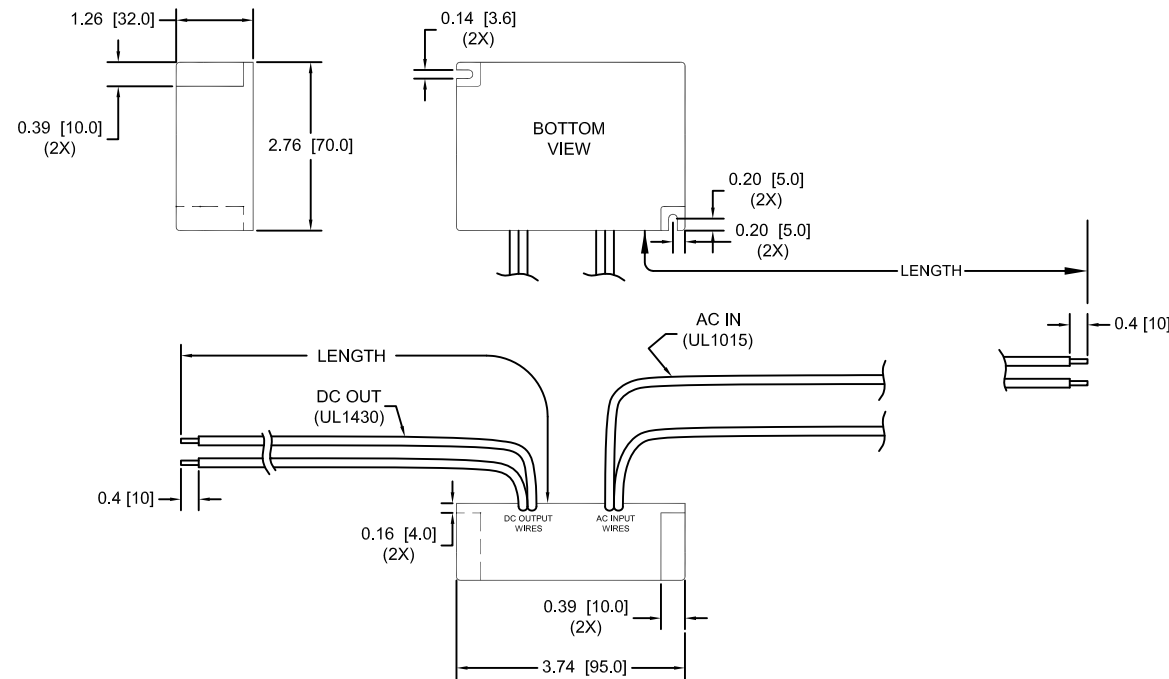
OUTPUT	MIN	MAX	LOAD REG
1400mA	9.0 VOLTS	18.0 VOLTS	+5%/-5%

COOLING: CONVECTION **PROTECTION:** OCP,SCP
 NOISE LEVEL: 0 dB AUTO-RECOVERY

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:



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	

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

MODEL: LP1040-18-C1400 RoHS
AC INPUT: ~100 - 240Vac 0.5A,
 ~277Vac 0.2A, 50 / 60Hz

DC OUTPUT: --- 9~18V / 1.40A
 (Con. Current) **MAX. 40W**

P/N: 609-0038 REV : A **AC-Dimm™**

IP66 CE FC **UL** E249377

AC INPUT ta: 60°C
 L --- BLACK tc: 90°C
 N --- WHITE SELV EQUIV

DC OUTPUT
 + --- 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
 ADD LABEL TO CARTON BOX: SEE DETAILS DWG 77-0110

MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD.

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TITLE: LP1040-18-C1400, CN-0214, 277V, 1.40A, 9~18V, AC DIM, PL 5Y

DO NOT SCALE THIS DRAWING	APPROVAL DATE: 8/10/2011	MODEL NO.	DWG NO.	REV. A0	SH OF
INTERPRET DRAWING PER ANSI Y14.5M	EFFECTIVE DATE: 8/17/2011	LP1040-18-C1400	M20-4193		1 1