

20-3477 D

SAFETY STANDARDS COMPLIANCE:
 TUV EN 60950
 CE EN 50082-1
 UL1310, CLASS 2
 UL8750

EMI STANDARDS:
 FCC 47 CFR PART 15 CLASS B

SAFETY CERTIFICATIONS
 CE EMC-1-0601022
 FCC FCCE-1-0601022
 IP IPT950079
 UL E326521
 CUL E326521
 CE SCH DE2-014303

SAFETY

INPUT RANGE:
 100 - 277 VAC, 1.5 A @ FULL LOAD.

FREQUENCY: 47 - 63 Hz.

EFFICIENCY: 85 % Typ.

PEAK INRUSH:
 20 AMPS @ 115V AC
 40 AMPS @ 230V AC

INPUT

LOAD CAPACITY: 96 WATTS

OUTPUT	MIN	MAX	LOAD REG	MAX. RIP
+24V	0.8 AMPS	4.0 AMPS	+5%/-5%	

OUTPUT

COOLING: CONVECTION

NOISE LEVEL: 0 dB

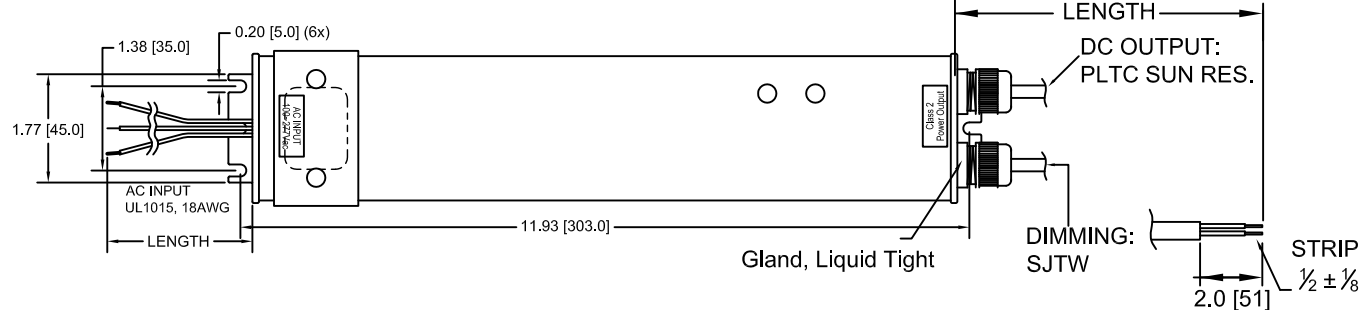
RELIABILITY (MTBF): (MIL-HDBK-217E)
 100,000 HRS. @ 25 DEG. C @ FULL LOAD

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

CONNECTOR:

MISCELLANEOUS

REVISIONS		
REV	DESCRIPTION	DATE
D0	CHANGED PER ECN 16-015	08/18/2016
C0	CHANGED PER ECN 13-015	01/14/2014
B0	CHANGED PER ECN 11-009	03/11/2011
A0	CHANGED PER ECN 11-009	03/09/2010



CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC IN	-	BLACK	LINE	18	4.4 [112]
	-	WHITE	NEUTRAL	18	+0.6 [+15]
	-	GRN/YEL	AC GND	18	-0.0 [0.0]
DC OUT	-	RED	+V	18	12.0 [305] ±1.0 [±25]
	-	BLACK	GND	18	
CON TROL	-	VIOLET	DIM+	18	
	-	GRAY	DIM-	18	

HSP
 HIGH PERFECTION
 TECH. CO., LTD.
 www.highperfection.com.tw

E326521
 LISTED LED DRIVER
 487W

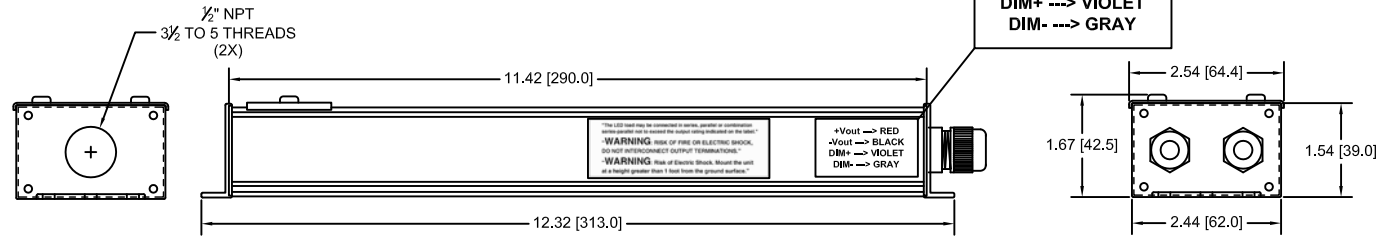
ISOLATED, CLASS 2 POWER SUPPLY
 P/N: 20-3477 R:D

MADE IN TAIWAN
DIMMABLE

SUITABLE FOR WET LOCATIONS
 MODEL: LPC 1090-24-GG-299-DV
 AC INPUT: 100~277VAC, 1.5~0.47A, PF: >0.92, 47~63Hz
 DC OUTPUT: 24V / 4A, 96W MAX

RoHS S/N: 0309SAMPLE1

BAR CODE HERE



+Vout ----> RED
 -Vout ----> BLACK
 DIM+ ----> VIOLET
 DIM- ----> GRAY

"The LED load may be connected in series, parallel or combination series-parallel not to exceed the output rating indicated on the label."
-WARNING: RISK OF FIRE OR ELECTRIC SHOCK, DO NOT INTERCONNECT OUTPUT TERMINATIONS."
-WARNING: Risk of Electric Shock. Mount the unit at a height greater than 1 foot from the ground surface."

The word "WARNING" shall be in letters not less than 3.2 mm tall, remaining letters not less than 1.6 mm tall.

Dimmable

NOTES:
 TEMP DE-RATING 1% PER °C FROM 50°C TO 70°C
 CONSTANT VOLTAGE DIMMABLE POWER SUPPLY (PWM)
 5 YRS WARR PROVIDED Tc POINT REMAINS BELOW 85°C

MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD.

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UNLESS OTHERWISE SPECIFIED	QC:	
DIMENSIONS IN INCHES (MM)		
TOLERANCES:		TITLE: LPC1090-24-GG-299-DV, CN-0143, DIMMABLE, 277VAC, 5Y, LISTED
.X DECIMALS± .05 [1.3]		
.XX DECIMALS± .02 [0.5]		
.XXX DECIMALS± .005 [0.13]		
ANGLES± 1°		
FRACTIONS± 1/16		
DO NOT SCALE THIS DRAWING	APPROVAL DATE: 01/21/2014	MODEL NO. LPC1090-24-GG-299-DV
INTERPRET DRAWING PER ANSI Y14.5M	EFFECTIVE DATE: 01/14/2014	DWG NO. M20-3477
		REV. D0
		SH OF 1 1