



Test Report: XLG-320-L

315W Constant Power Mode LED Driver

■ DESIGN VERIFY TEST

Output Function Test

Input Function Test

Protection Function Test

Component Stress Test

■ SAFETY & E.M.C. TEST

Safety Test

E.M.C. Test

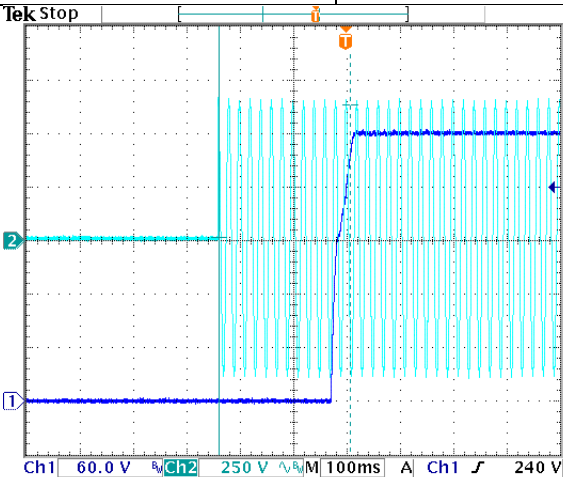
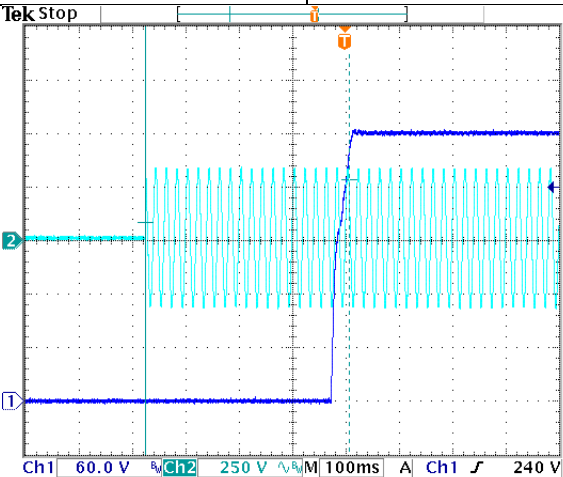
■ RELIABILITY TEST

ENVIRONMENT TEST

■ DESIGN VERIFY TEST

OUTPUT FUNCTION TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	CURRENT TOLERANCE	±5%	I/P:230VAC O/P:LEDmax CP: 1.05A & 1.4A Ta:25°C	CP A: 1.05 1.059A/230VAC@CV MAX-1V 1.075A/230VAC@CV MIN 0.86%~2.38% CP A:1.4 1.390A/230VAC@CV MAX-1V 1.397A/230VAC@CV MIN -0.71%~-0.21%
2	FULL POWER CURRENT RANGE	1050~1400 mA	I/P: 230VAC O/P:LEDmax CP: 1.05A & 1.4A Ta:25°C	300V/1.06A/230VAC 223V/1.42A/230VAC
3	OPEN CIRCUIT VOLTAGE (max)	340V	I/P: 230VAC O/P:NO LOAD CP: OPEN Ta:25°C	314.6V
4	CONSTANT CURRENT REGION	CP 1.05A: CH1: 150V~ 300V CP 1.4A: CH1: 150V~ 223V	I/P: 230VAC O/P:LEDmax CP: 1.05A &1.4A Ta:25°C	CP 1.05A: 116V~ 300V/230VAC CP 1.4A: 130.8V~ 223V/230VAC
5	CURRENT ADJ. RANGE	CH1: 500mA~1400mA	I/P: 230VAC O/P:CVmin& CVmax-1V CP: 1.05A & 1.4A Ta:25°C	401mA~1120mA/230VAC@CV MAX-1V 408mA~1630mA/230VAC@CV MIN
6	CURRENT RIPPLE	5.0% max.	I/P: 230VAC O/P:LEDmax CP: 1.05A &1.4 A Ta:25°C	CP 1.05A: 3.3% CP1.4 A: 3.95%

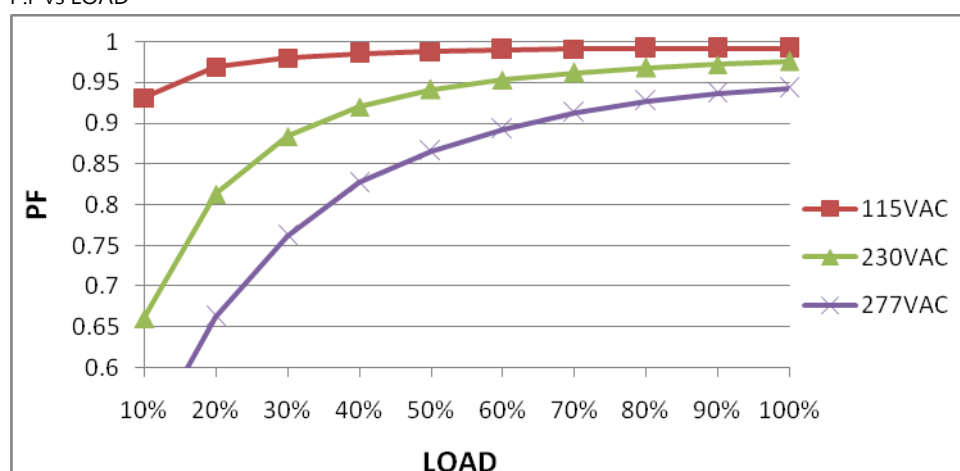
7	SET UP TIME	230VAC/ 500ms (Max) 115VAC/1200 ms (Max)	I/P: 230VAC I/P: 115VAC O/P:LEDmax CP 1.05A Ta:25°C	230VAC/246ms 115VAC/ 382ms
  INPUT=230VAC/50HZ @ LEDMAX@ CP1.05 A CH1 : Output Voltage CH2 : AC Input Voltage INPUT=230VAC/60HZ @ LEDMAX@ CP 1.05A CH1 : Output Voltage CH2 : AC Input Voltage				

INPUT FUNCTION TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	INPUT VOLTAGE RANGE	100VAC~305 VAC 142VDC ~ 431VDC	(1) I/P:TESTING O/P:LEDmax (2) I/P:DC TESTING(L:+ N:-) O/P:LEDmax (3) I/P:DC TESTING(L:- N:+) O/P:LEDmax Ta:25°C I/P: LOW-LINE-3V=97 V HIGH-LINE+10V=315 V O/P: LEDmax / LEDmin CP 1.05A (PLEASE CHECK DERATING CURVE) ON: 30 Sec OFF: 30 Sec 10MIN (POWER ON/OFF NO DAMAGE)	(1) 90 VAC~308VAC (2) 142VDC ~ 431VDC (3) 142VDC ~ 431VDC (1).TEST:ok. (2).TEST :ok
2	INPUT FREQUENCY RANGE	47HZ ~63 HZ NO DAMAGE	I/P: 100 VAC ~305VAC O/P: LEDmax ~ LEDmin CP 1.4A Ta:25°C	TEST:ok

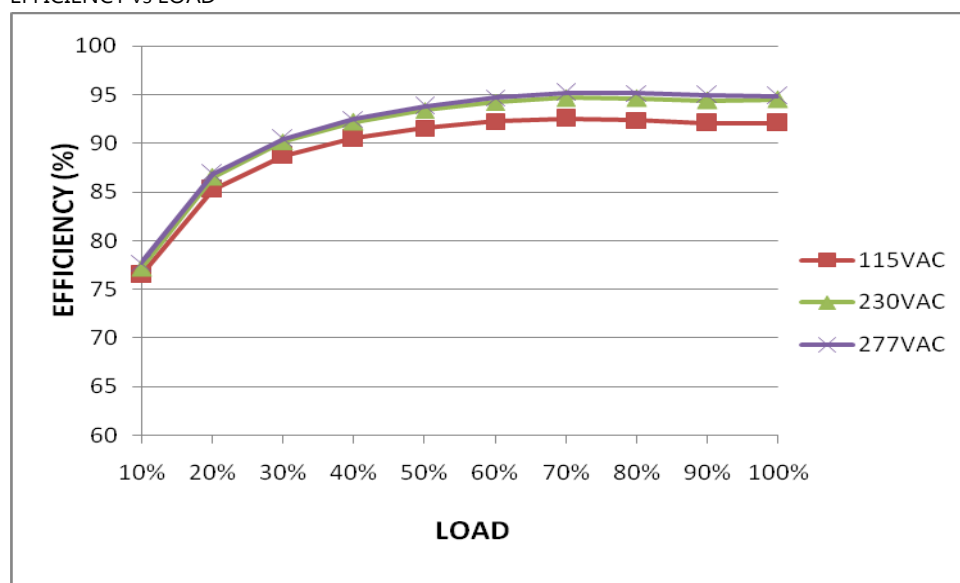
3	INPUT CURRENT (TYP)	230VAC/ 1.6 A 277VAC/ 1.3 A 115VAC/ 3 A	I/P: 230VAC/277VAC/115VAC O/P:LEDmax CP:1.4 A Ta:25°C	I = 1.44A/ 230VAC I = 1.23A/ 277VAC I = 2.63A/ 115VAC
4	LEAKAGE CURRENT	EN61230-1 < 0.75mA / 277VAC	I/P: 277 VAC O/P:Min LOAD Ta:25°C	L-FG: 0.246mA N-FG:0.241 mA
5	POWER FACTOR(TYP)	0.95/230VAC LEDMAX 0.92/277 VAC LEDMAX 0.98/115 VAC LEDMAX	I/P: 115VAC/230VAC/277VAC O/P:LEDmax CP:1.4 A Ta:25°C	PF= 0.976/230V/100%LOAD PF=0.947/277V/100%LOAD PF=0.993/115V/100%LOAD

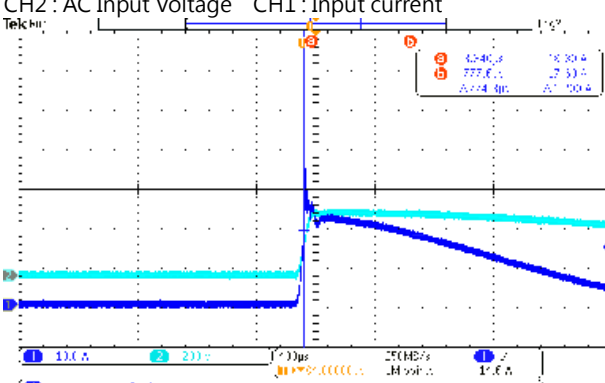
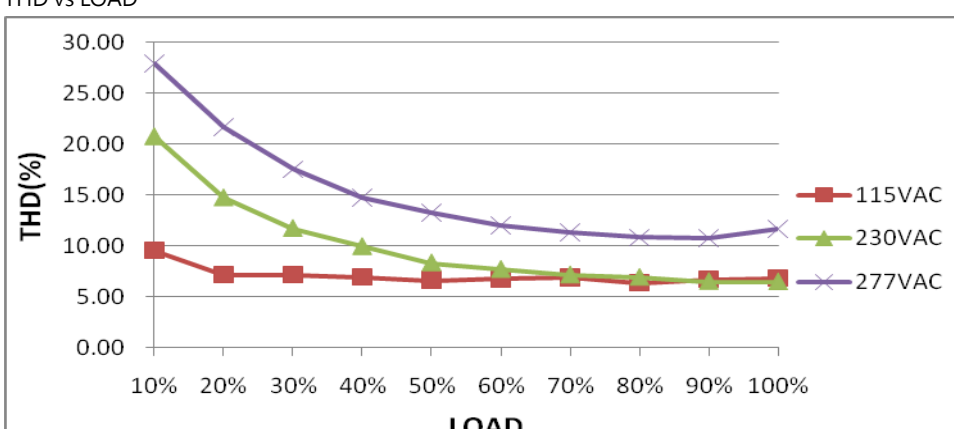
P.F vs LOAD



6	EFFICIENCY (TYP)	94.5 %	I/P: 230VAC O/P:LEDmax CP: 1.4 A Ta:25°C	94.52%@1400mA
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EFFICIENCY vs LOAD



7	INRUSH CURRENT (TYP)	230V/ 45A COLD START (twidh=1200 usmeasured at 50% Ipeak) COLD START	I/P: 230VAC O/P:LEDmax CP:1.4 A Ta:25°C	I =34.4A /230VAC T50= 773.3 μ S
INPUT=230VAC/ 60HZ @ LEDMAX CH2 : AC Input Voltage CH1 : Input current 				
8	TOTAL HARMONIC DISTORTION	THD< 10% @ 230VAC> 50% loading THD< 10% @ 115VAC> 50% loading THD< 15% @ 277VAC> 75% loading	I/P : 277/230/115VAC O/P : 75%/50% LOAD CP:1.4A Ta : 25°C	THD : 8.37%230V 50% THD : 6.65%115V50% THD : 11.06%277V 75%
THD vs LOAD 				

ROTECTION FUNCTION TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	OVER VOLTAGE PROTECTION	V1: 350V~380V	I/P: 305VAC I/P: 230VAC I/P: 100VAC CP:1.05A O/P:MIN LOAD Ta:25°C	369.9V / 305VAC 370.2V/ 230VAC 370.8V/ 100VAC PROTECTION TYPE : Shut down output voltage, re-power on to recovery

2	OVER TEMPERATURE PROTECTION	NO DAMAGE	I/P: 305 VAC I/P: 100 VAC O/P: LEDmax CP: 1.4A Ta:25°C	O.T.P. Active PROTECTION TYPE : Tcase>85 °C ± 5 °C ,derate power automatically
3	SHORT PROTECTION	SHORT EVERY OUTPUT 1 HOUR NO DAMAGE	I/P: 305VAC I/P: 100 VAC O/P: LEDMAX CP:1.05 A &1.4A Ta:25°C	CP: 1.05A NO DAMAGE PROTECTION TYPE : Hiccup mode or Constant current limiting, recovers automatically after fault condition is removed CP: 1.4A NO DAMAGE PROTECTION TYPE : Hiccup mode or Constant current limiting, recovers automatically after fault condition is removed

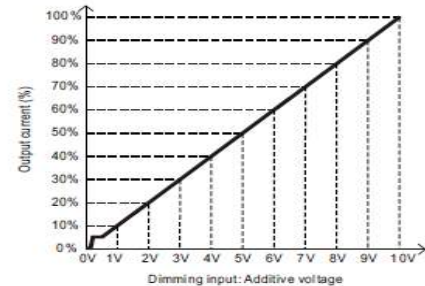
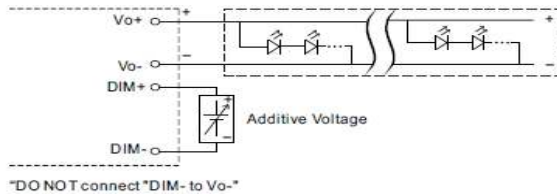
DIMMING OPERATION TEST

1 DIMMING
OPERATION
(for AB-Type)

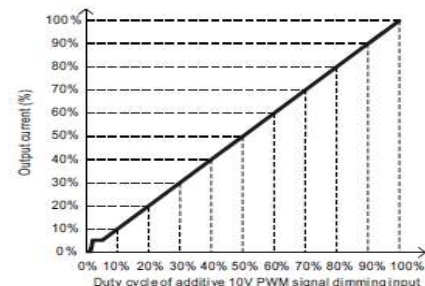
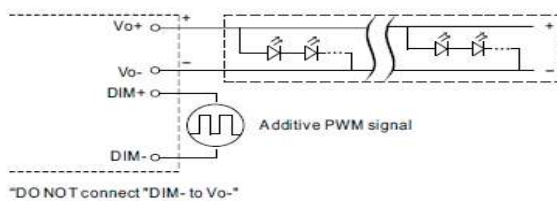
※ 3 in 1 dimming function (for AB-Type)

- Output constant current level can be adjusted by applying one of the three methodologies between DIM+ and DIM-: 0 ~ 10VDC, or 10V PWM signal or resistance.
- Direct connecting to LEDs is suggested. It is not suitable to be used with additional drivers.
- Dimming source current from power supply: 100 μ A (typ.)

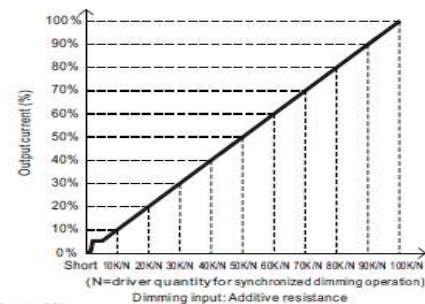
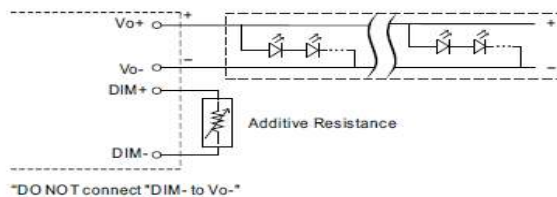
◎ Applying additive 0 ~ 10VDC



◎ Applying additive 10V PWM signal (frequency range 100Hz ~ 3KHz):



◎ Applying additive resistance:



- Note : 1. Min. dimming level is about 8% and the output current is not defined when 0% < Iout < 8%.
 2. The output current could drop down to 0% when dimming input is about 0 Ω or 0Vdc, or 10V PWM signal with 0% duty cycle.
 3. When PWM frequency > 2K HZ, the lighting will be triggered at 10~15% PWM duty.

I/P : 230 VAC O/P : DIMMING TEST

1	V	Short	1V	2V	3V	4V	5V	6V	7V	8V	9V	10V	OPEN
	Output Current	0.0000 0A	0.120 A	0.21 5A	0.311A	0.410A	0.509A	0.611A	0.715A	0.821A	0.930A	1.049A	1.050A
	%	0.00%	11.46 %	20.5 0%	29.64 %	39.00 %	48.45 %	58.19 %	68.12 %	78.21 %	88.58 %	99.91%	99.95%
2	PWM	0V	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	OPEN
	Output Current (100Hz)	0.0000 0A	0.136 A	0.23 2A	0.331A	0.431A	0.533A	0.638A	0.745A	0.854A	0.970A	1.049A	1.049A
	%	0.00%	12.92 %	22.0 8%	31.50 %	41.09 %	50.79 %	60.78 %	70.99 %	81.30 %	92.39 %	99.92%	99.90%
	Output Current (3KHz)	0.0000 0A	0.119 A	0.21 6A	0.314A	0.414A	0.516A	0.620A	0.726A	0.834A	0.947A	1.049A	1.049A
3	%	0.00%	11.31 %	20.5 7%	29.90 %	39.42 %	49.13 %	59.06 %	69.16 %	79.46 %	90.18 %	99.90%	99.91%
	R	0 Ω	10K	20K	30K	40K	50K	60K	70K	80K	90K	100K	OPEN
	Output Current	0.0000 0A	0.135 A	0.23 1A	0.331A	0.432A	0.536A	0.641A	0.747A	0.857A	0.972A	1.049A	1.050A
	%	0.00%	12.83 %	22.0 4%	31.52 %	41.18 %	51.01 %	61.06 %	71.14 %	81.57 %	92.60 %	99.93%	99.95%

TEST RESULT : OK

COMPONENT STRESS TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	PWM Transistor (D to S) or (C to E) Peak Voltage	Q8 Rated 13 A/ 600V	I/P:High-Line +3V =308v AC ON/OFF CP: 1.05A&1.4A VDS: O/P: (1)LEDmax (2) LEDmax continue (3) LEDmin (4) LEDmin continue (5) Output Short I/P:Low-Line -3V = 97V VDS: O/P: (1)LEDmax (2) LEDmax continue (3) LEDmin (4) LEDmin continue (5) Output Short Ta:25°C	308V CP: 1.05A Q8 VDS: (1) 481V (2) 462V (3) 475V (4) 451V (5) 492V CP: 1.4A VDS: (1) 488V (2) 457V (3) 495V (4) 446V (5) 492V 97V CP:1.05 A Q8 VDS: (1) 491V (2) 472V (3) 482V (4) 449V (5) 489V CP: 1.4A VDS: (1) 491V (2) 462V (3) 484V (4) 462V (5) 499V
2	P.F.C Transistor (D to S) or (C to E) Peak Voltage	Q1 Rated 20 A/ 600V	I/P:High-Line +3V =308v AC ON/OFF CP: 1.05A VDS: O/P: (1)LEDmax (2) LEDmax continue (3) LEDmin (4) LEDmin continue (5) Output Short	CP: 1.05 Q1 VDS: (1) 488V (2) 480V (3) 477V (4) 472V (5) 497V CP: 1.05A

			I/P:Low-Line -3V = 97V VDS: O/P: (1)LEDmax (2) LEDmax continue (3) LEDmin (4) LEDmin continue (5) Output Short Ta:25°C	Q1 VDS: (1) 492V (2) 484V (3) 492V (4) 484V (5) 473V
3	P.F.C DIODE	D5 Rated 9 A/ 600 V	I/P:High-Line +3V =308v AC ON/OFF CP: A VDS: O/P: (1)LEDmax (2) LEDmax continue (3) LEDmin (4) LEDmin continue (5) Output Short I/P:Low-Line -3V = 97V O/P: (1)LEDmax (2) LEDmax continue (3) LEDmin (4) LEDmin continue (5) Output Short Ta:25°C	(1) 501V (2) 452V (3) 493V (4)486V (5)449V (1) 472V (2) 465V (3) 478V (4)452V (5)465V
4	Diode Peak Voltage	D100 Rated: 9A/600V	I/P:High-Line +3V =308v AC ON/OFF CP: 1.05A&1.4A VDS: O/P: (1)LEDmax (2) LEDmax continue (3) Output Short Ta:25°C	CP: 1.05A Q100 VDS: (1) 314V (2) 310V (3) 14V CP: 1.4A Q100 VDS: (1) 242V (2) 238V (3) 22V
5	Input Voltage Capacitor	C5 Rated: 180;μ /450 V	I/P:High-Line +3V =308v AC ON/OFF CP: 1.05A VDS: O/P: (1)LEDmax (2) LEDmax continue (3) LEDmin (4) LEDmin continue Ta:25°C	(1) 452V (2) 445V (3) 461V (4) 435V

6	Control IC Voltage Test	PWM IC U2 Rated 8.9 V~ 15.5V PFC IC U1 Rated 10.5V~ 20V O/P IC U104 Rated 8V~ 24V	I/P:High-Line +3V =308v AC ON/OFF CP: 1.05A VDS: O/P: (1)LEDmax (2) LEDmin (3) Output Short (4) NO LOAD VRmin.LOW LINE Ta:25°C	U1/U2: (1) 14.3V (2) 14.5V (3) 14.1V (4) 14.1V U104 (1) 11.3V (2) 11.1V (3) 10.9V (4) 10.5V
7	VCC Diode Peak Voltage	D304 Rated 400 V2 A D401 Rated 400 V 2A	AC ON/OFF I/P : High-Line +3V = 308 V O/P : (1) Full load (2) Full load continue Ta : 25°C	D304 (1) 159V (2) 147V D401 (1) 138V (2) 129V
8	TOP SWITCHING STAND BY POWER	U300 Rated 1.5A/ 700V	AC ON/OFF CP: 1.05A I/P:High-Line +3V =308 V O/P: (1)LEDmax (2) LEDmin I/P:Low-Line -3V =97 V O/P: (1)LEDmax (2) LEDmin Ta:25°C	CP:1.05 A (1) 581V (2) 562V (1) 568 V (2) 554V

SAFETY & EMC TEST

SAFETY TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	WITHSTAND VOLTAGE	EN61230-1 I/P-O/P: 3.75KVAC/min I/P-FG: 2 KVAC/min O/P-FG:1.5KVAC/min	I/P-O/P: 4.125 KVAC/min I/P-FG: 2.4KVAC/min O/P-FG: 1.8 KVAC/min Ta:25°C	I/P-O/P: 2.9825mA I/P-FG: 2.581mA O/P-FG: 2.316mA NO DAMAGE
2	ISOLATION RESISTANCE	I/P-O/P:500VDC>100MΩ I/P-FG: 500VDC>100MΩ O/P-FG:500VDC>100MΩ	I/P-O/P: 500 VDC I/P-FG: 500 VDC O/P-FG: 500 VDC Ta:25°C	I/P-O/P: 9999MΩ I/P-FG: 9999M Ω O/P-FG: 9999M Ω NO DAMAGE

3	GROUNDING CONTINUITY	EN61230-1 FG(PE) TO CHASSIS OR TRACE < 100 mΩ	40A / 2min Ta:25°C	11mΩ
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E.M.C TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	HARMONIC	EN61000-3-2 CLASS C	I/P: 230VAC/50HZ O/P: LEDmax Ta:25°C	PASS
2	CONDUCTION	EN 55015	I/P:230VAC (50HZ) O/P: LEDmax Ta:25°C	PASS Test by certified Lab
3	RADIATION	EN 55015	I/P: 230VAC (50HZ) O/P:LEDmax Ta:25°C	PASS Test by certified Lab
4	E.S.D	EN61000-4-2 ■ LIGHT INDUSTRY AIR : 8KV / Contact : 4KV	I/P: 230VAC (50HZ) O/P:LEDmax Ta:25°C	CRITERIA A
5	E.F.T	EN61000-4-4 LIGHT INDUSTRY INPUT: 2KV	I/P: 230VAC (50HZ) O/P:LEDmax Ta:25°C	CRITERIA A
6	SURGE	IEC61000-4-5 light industry L-N :4KV L,N-PE:6KV	I/P: 230VAC (50HZ) O/P:LEDmax Ta:25°C	CRITERIA B
7	Test by certified Lab & Test Report Prepare Any contradictions of the test results, please refer to the latest EMC test report			

■ RELIABILITY TEST

ENVIRONMENT TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT																																																																																																																
1	TEMPERATURE RISE TEST	MODEL : XLG-320-L-AB 1. ROOM AMBIENT BURN-IN : 2 HRS I/P : 230VAC O/P : FULL LOAD Ta=26 °C 2. HIGH AMBIENT BURN-IN : 2 HRS I/P : 230VAC O/P : FULL LOAD Ta=48.9 °C <table><tr><th>NO</th><th>Position</th><th>ROOM AMBIENT Ta=26°C</th><th>HIGH AMBIENT Ta=48.9°C</th></tr><tr><td>1</td><td>C1</td><td>54.8°C</td><td>75.3°C</td></tr><tr><td>2</td><td>ZNR3</td><td>54.1°C</td><td>74.5°C</td></tr><tr><td>3</td><td>BD1</td><td>61.6°C</td><td>81.6°C</td></tr><tr><td>4</td><td>RTH1</td><td>62.0°C</td><td>81.6°C</td></tr><tr><td>5</td><td>Q1</td><td>63.1°C</td><td>82.8°C</td></tr><tr><td>6</td><td>Q2</td><td>64.1°C</td><td>83.4°C</td></tr><tr><td>7</td><td>L2</td><td>66.7°C</td><td>86.1°C</td></tr><tr><td>8</td><td>D6</td><td>68.3°C</td><td>89.2°C</td></tr><tr><td>9</td><td>C5</td><td>58.6°C</td><td>78.9°C</td></tr><tr><td>10</td><td>RY1</td><td>63.1°C</td><td>83.1°C</td></tr><tr><td>11</td><td>C16</td><td>64.2°C</td><td>83.8°C</td></tr><tr><td>12</td><td>U1</td><td>57.0°C</td><td>78.1°C</td></tr><tr><td>13</td><td>U2</td><td>58.3°C</td><td>78.8°C</td></tr><tr><td>14</td><td>Q7</td><td>67.5°C</td><td>85.9°C</td></tr><tr><td>15</td><td>Q8</td><td>65.8°C</td><td>84.1°C</td></tr><tr><td>16</td><td>C88</td><td>62.9°C</td><td>81.4°C</td></tr><tr><td>17</td><td>T1</td><td>76.4°C</td><td>90.6°C</td></tr><tr><td>18</td><td>C142</td><td>59.6°C</td><td>78.3°C</td></tr><tr><td>19</td><td>D100</td><td>61.8°C</td><td>85.7°C</td></tr><tr><td>20</td><td>D102</td><td>59.9°C</td><td>82.9°C</td></tr><tr><td>21</td><td>C104</td><td>60.9°C</td><td>80.4°C</td></tr><tr><td>22</td><td>C106</td><td>58.6°C</td><td>77.8°C</td></tr><tr><td>23</td><td>U104</td><td>60.4°C</td><td>80.8°C</td></tr><tr><td>24</td><td>T2</td><td>62.8°C</td><td>79.7°C</td></tr><tr><td>25</td><td>LF401</td><td>52.3°C</td><td>72.6°C</td></tr><tr><td>26</td><td>RTH2</td><td>56.7°C</td><td>76.5°C</td></tr><tr><td>27</td><td>TC</td><td>55.1°C</td><td>74.0°C</td></tr></table>			NO	Position	ROOM AMBIENT Ta=26°C	HIGH AMBIENT Ta=48.9°C	1	C1	54.8°C	75.3°C	2	ZNR3	54.1°C	74.5°C	3	BD1	61.6°C	81.6°C	4	RTH1	62.0°C	81.6°C	5	Q1	63.1°C	82.8°C	6	Q2	64.1°C	83.4°C	7	L2	66.7°C	86.1°C	8	D6	68.3°C	89.2°C	9	C5	58.6°C	78.9°C	10	RY1	63.1°C	83.1°C	11	C16	64.2°C	83.8°C	12	U1	57.0°C	78.1°C	13	U2	58.3°C	78.8°C	14	Q7	67.5°C	85.9°C	15	Q8	65.8°C	84.1°C	16	C88	62.9°C	81.4°C	17	T1	76.4°C	90.6°C	18	C142	59.6°C	78.3°C	19	D100	61.8°C	85.7°C	20	D102	59.9°C	82.9°C	21	C104	60.9°C	80.4°C	22	C106	58.6°C	77.8°C	23	U104	60.4°C	80.8°C	24	T2	62.8°C	79.7°C	25	LF401	52.3°C	72.6°C	26	RTH2	56.7°C	76.5°C	27	TC	55.1°C	74.0°C
NO	Position	ROOM AMBIENT Ta=26°C	HIGH AMBIENT Ta=48.9°C																																																																																																																	
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9	C5	58.6°C	78.9°C																																																																																																																	
10	RY1	63.1°C	83.1°C																																																																																																																	
11	C16	64.2°C	83.8°C																																																																																																																	
12	U1	57.0°C	78.1°C																																																																																																																	
13	U2	58.3°C	78.8°C																																																																																																																	
14	Q7	67.5°C	85.9°C																																																																																																																	
15	Q8	65.8°C	84.1°C																																																																																																																	
16	C88	62.9°C	81.4°C																																																																																																																	
17	T1	76.4°C	90.6°C																																																																																																																	
18	C142	59.6°C	78.3°C																																																																																																																	
19	D100	61.8°C	85.7°C																																																																																																																	
20	D102	59.9°C	82.9°C																																																																																																																	
21	C104	60.9°C	80.4°C																																																																																																																	
22	C106	58.6°C	77.8°C																																																																																																																	
23	U104	60.4°C	80.8°C																																																																																																																	
24	T2	62.8°C	79.7°C																																																																																																																	
25	LF401	52.3°C	72.6°C																																																																																																																	
26	RTH2	56.7°C	76.5°C																																																																																																																	
27	TC	55.1°C	74.0°C																																																																																																																	
2	LOW TEMPERATURE TURN ON TEST	TURN ON AFTER 2 HOUR	I/P : 305VAC/100VAC O/P : 100%LOAD Ta= -45/-35 °C	TEST : OK																																																																																																																
3	HIGH HUMIDITY HIGH TEMPERATURE HIGH VOLTAGE TURN ON TEST	AFTER 12 HOURS IN CHAMBER ON CONTROL 45 °C NO DAMAGE	I/P : 315 VAC O/P : FULL LOAD Ta=45 °C HUMIDITY= 95 %R.H	TEST : OK																																																																																																																

4	TEMPERATURE COEFFICIENT	$\pm 0.03 \%$ /(0°C~60°C)	I/P : 230 VAC O/P : FULL LOAD	$\pm 0.0033 \%$ /°C(0~60°C)
5	STORAGE TEMPERATURE TEST	-40~85°C	1. Thermal shock Temperature : -45°C~ +90°C 2. Temperature change rate : 25°C / MIN 3. Dwell time low and high temperature : 30 MIN/EACH 4. Total test cycle : 10CYCLE 5. Input/Output condition : STATIC TEST : OK	
6	THERMAL SHOCK TEST	-40~45°C	1. Thermal shock Temperature : -45°C~ +50°C 2. Temperature change rate : 25°C / MIN 3. Dwell time low and high temperature : 30 MIN/EACH 4. Total test cycle : 16 CYCLE 5. Input/Output condition : 15cycle:230V/ FULL LOAD AC ON 3sec/AC OFF 1sec TEST 1cycle:230V/ FULL LOAD Burn In Test TEST : OK	
7	VIBRATION TEST	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes	1 Carton & 1 Set (1) Waveform : Sine Wave (2) Frequency : 10~500Hz (3) Sweep Time : 12min/sweep cycle (4) Acceleration : 6G (5) Test Time : 180min in each axis (X.Y.Z) (6) Ta : 25°C	
8	CAPACITOR LIFE CYCLE	SUPPOSE C104 IS THE MOST CRITICAL COMPONENT (1) I/P : 230VAC O/P : FULL LOAD Tc=70 °C LIFE TIME (2) I/P : 230VAC O/P : 75% LOAD Tc=70 °C LIFE TIME (3) I/P : 230VAC O/P : 50% LOAD Tc= 70 °C LIFE TIME		(1) 99801HRS (2) 101879HRS (3) 126721HRS
9	MTBF	Conducted by Parts Stress Analysis Prediction 1476.4K hrs min. Telcordia SR-332 (Bellcore); 168.1K hrs min. MIL-HDBK-217F (25°C)		
10	Ongoing Reliability Test	I/P : 230VAC O/P : FULL LOAD Ta=50°C Demonstration Mean Time Between Failure : 50,000 hours		

TEST RESULT	TESTER	REVIEW	APPROVAL
PASS	WUWQ/HUANGMK	WENF	LINKX