



# 315W Constant Power Mode LED Driver

**XLG-320** 





























# Features

- Wide input range 100~305VAC(class I )
- Full power output at 75~100% constant power mode operation
- Metal case with IP67, suitable for outdoor application
- Surge protection with 6KV/4KV
- 3 in 1 dimming (Dim-to-off and Isolation design)
- Protection Functions: OLP/SCP/OVP/OTP
- Compliance to EN60335-1 household application
- Lifetime>50,000 hours and 5 years warranty

# **Applications**

- Bay lighting
- Stage lighting
- Floodlight lighting
- Horticulture lighting
- Stadium lighting
- LED strip lighting (ABV type)
- Agricultural lighting (ABV type)
- DMX power supply
- Type "HL" for use in class I, Division 2
- · Household devices
- Retail and refrigerated display

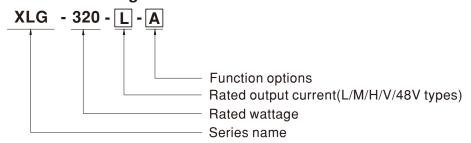
# GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

# Description

XLG-320 series is a 315W LED AC/DC driver featuring with constant power mode. XLG-320 operates from 120~305VAC and offers models with different rated current ranging between 1050mA and 7420mA. Thanks to the high efficiency up to 94.5% with the fanless design, the entire series is able to operate for - $40^{\circ}\text{C} \sim +85^{\circ}\text{C}$  case temperature under free air convection. The design of metal housing and IP67 ingress protection level allows this series to fit both indoor and outdoor applications. Moreover the innovative environment-adaptive capability allows this series to reliably light on the LEDs for all kinds of application environments in almost any spots that may install LED luminaires in the world. XLG-320 series comply with the latest version of IEC61347/GB19510.1 and UL8750 international safety regulations. The output and dimming circuit are also completely in accordance with the new regulations and isolation to ensure the safety of both user and luminaire system during installation.

# ■ Model Encoding



Type	IP Level	Function	Note
Blank	IP67	lo and Vo fixed.(For harsh environment)	By request
Α	IP67	Output constant power adjustable via built-in lo potentiometer	In Stock
AB	IP67	Output constant power adjustable via built-in Io potentiometer + 3 in 1 dimming function (0~10Vdc, 10V PWM signal and resistance)	In Stock
ABV (48V only)	IP67	Vo adjustable via built-in potentiometer + 3 in 1 dimming function (Flicker free C.V. Dimming)	In Stock

Note: 1.V model is constant voltage operation without the AB type

2.48-V/48-BV types are available by modification version, please consult MEANWELL for detail.



## **SPECIFICATION**

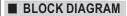
		XLG-320-L-	XLG-320-M-	XLG-320-H-	XLG-320-V-		
	RATED CURRENT (Default)	1400mA	2800mA	5600mA	13A/24V		
	RATED POWER Note.10	315W	310.8W	312W	24V/312W, 12V/216W		
	CONSTANT CURRENT REGION	150~300V	74 ~ 148V	30 ~ 56V	NC		
	OUTPUT VOLTAGE ADJ. RANGE	NC	NC	NC	24V or 12V		
	FULL POWER CURRENT RANGE	1050~1400mA	2100~2800mA	5570~7420mA	13~18A(24V/13A,12V/18		
	OPEN CIRCUIT VOLTAGE (max.)	340V	180V	60V	NC NC		
OUTPUT	CURRENT ADJ. RANGE	500~1400mA	1050~2800mA	2800~7420mA	NC NC		
	CURRENT RIPPLE	5.0% max. @rated current	5.0 max. @rated current	5.0% max. @rated			
	CURRENT TOLERANCE	±5%	±5%	±5%	NC		
	RIPPLE & NOISE(max.)	NC	NC	NC	240mV p-p		
	VOLTAGE TOLERANCE	NC	NC	NC	±3%		
	LINE REGULATION	NC	NC	NC	±0.5%		
	LOAD REGULATION	NC	NC	NC	±2%		
	SET UP TIME Note.9	500ms/230VAC, 1200ms/115VAC					
	RISE TIME,HOLD UP TIME (Typ.)	160ms,10ms/230VAC/115VAC(only for V-type)					
	VOLTAGE RANGE Note.2	100 ~ 305VAC					
	FREQUENCY RANGE	(Please refer to "STATIC CHARACTERISTIC" ang "DRIVING METHODS OF LED MODULE" section)  47 ~ 63Hz					
	FREQUENCT RANGE						
	POWER FACTOR (Typ.)	PF≥0.98 / 115VAC, PF≥0.95 / 230VAC, PF≥0.92 / 277VAC at full load (Please refer to "Power Factor Characteristic" section)					
		(Please refer to Power Pactor Characteristic Section)  THD<10% @ load≥50% at 115VAC/230VAC, THD<15%@Load>75% at 277VAC;					
	TOTAL HARMONIC DISTORTION	THD<10% @ load ≥ 50% at 115VAC/230VAC, THD<15%@Load>75% at 277VAC;   Please refer to "TOTAL HARMONIC DISTORTION (THD)" section					
INDUT	EFFICIENCY (Typ.)						
INPUT	AC CURRENT (Typ.)		1	92.5%	33.70		
		3A / 120VAC 1.6A / 230VAC	1.3A / 277VAC	r NEMA 410			
	INRUSH CURRENT(Typ.)	COLD START 45A(twidth=1200μs measured at 50% lpeak) at 230VAC; Per NEMA 410					
	MAX. NO. of PSUs on 16A	2 unit(circuit breaker of type B) / 4 u	nits(circuit breaker of type C) at 230	VAC			
	CIRCUIT BREAKER						
	LEAKAGE CURRENT	<0.75mA / 277VAC					
	STANDBY POWER CONSUMPTION Note.5	Standby power consumption <0.5W	for AB-Type(Dimming OFF)				
	SHORT CIRCUIT	Hiccup mode or Constant current lin	niting, recovers automatically after fo	ault condition is removed			
	SHORT SIRSOIT	350 ~ 380V	190 ~ 220V	63 ~ 78V	27 ~ 34V		
	OVER VOLTAGE	Shut down output voltage, re-power		03~700	21~34V		
ROTECTION			•				
(012011011	OVER TEMPERATURE Note.11	L/M/H-Type: Tcase>85°C ±5°C, derate power automatically					
		V-Type: Shut down output voltage, re-power on to recover  108~135%(only for V-type)					
	OVER LOAD Note.10		niting recovers outsmotically ofter f	ault condition is removed			
		Hiccup mode or Constant current lin	<u> </u>				
	WORKING TEMP.	Tcase=-40 ~ +85°C (Please refer to '	"OUTPUT LOAD vs TEMPERATURI	=" section)			
	MAX. CASE TEMP.	Tcase=+85℃					
IVIDONMENT	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH non-condensing					
		±0.03%/°C (0~60°C)					
	TEMP. COEFFICIENT	±0.03%/°C (0~60°C)					
		` ,	od for 72min, each along X, Y, Z axe	es e			
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, perio	• • • • • • • • • • • • • • • • • • • •		legendent BS EN/EN62384 EN/EN60335.1		
		10 ~ 500Hz, 5G 12min./1cycle, period UL8750(type"HL"), CSA C22.2 No. 2	250.13-12; ENEC BS EN/EN61347-	1, BS EN/EN61347-2-13 ind	lependent, BS EN/EN62384, EN/EN60335-1 TP TC 004: IP67:		
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, perio	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC;GB19	1, BS EN/EN61347-2-13 ind 9510.1, GB19510.14;EAC 1			
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, period UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC;GB19 blank type), KC61347-1,KC61347-	1, BS EN/EN61347-2-13 ind 9510.1, GB19510.14;EAC 1			
	VIBRATION SAFETY STANDARDS	10 - 500Hz, 5G 12min./1cycle, period UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for but	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,KC61347-2 C O/P-FG:1.5KVAC	1, BS EN/EN61347-2-13 ind 9510.1, GB19510.14;EAC 1			
	VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE	10 ~ 500Hz, 5G 12min./1cycle, perior UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for black) I/P-O/P:3.75KVAC I/P-FG:2KVA	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,KC61347-2 C O/P-FG:1.5KVAC	1, BS EN/EN61347-2-13 ind 9510.1, GB19510.14;EAC 1			
	VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE	10 ~ 500Hz, 5G 12min./1cycle, perid UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for t I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,KC61347-1 CC 0/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH	1, BS EN/EN61347-2-13 ind 9510.1, GB19510.14;EAC 1	TP TC 004; IP67;		
	VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE	10 ~ 500Hz, 5G 12min./1cycle, period UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for but in the complex of the comple	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,KC61347-2 C O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(C	1, BS EN/EN61347-2-13 ind 9510.1, GB19510.14;EAC 1 2-13 approved	Test Level / Note		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, perid UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for b I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,KC61347-1, CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(C	1, BS EN/EN61347-2-13 ind 1510.1, GB19510.14;EAC 1 2-13 approved SPR15),GB/T 17743 SPR15),GB/T 17743	Test Level / Note		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, perid UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for b I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,KC61347-1 AC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(C  BS EN/EN561000-3-	1, BS EN/EN61347-2-13 ind 1,510.1, GB19510.14;EAC 1 2-13 approved (SPR15),GB/T 17743 (SPR15),GB/T 17743 2, GB17625.1	Test Level / Note Class C @load≥50%		
AFETY &	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, perid UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for b I/P-O/P:3.75KVAC I/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,KC61347-1 AC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(C	1, BS EN/EN61347-2-13 ind 1,510.1, GB19510.14;EAC 1 2-13 approved (SPR15),GB/T 17743 (SPR15),GB/T 17743 2, GB17625.1	Test Level / Note		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, perid UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for b I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347-1, CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(C  BS EN/EN561000-3- BS EN/EN61000-3-	1, BS EN/EN61347-2-13 ind 1,510.1, GB19510.14;EAC 1 2-13 approved (SPR15),GB/T 17743 (SPR15),GB/T 17743 2, GB17625.1	Test Level / Note Class C @load≥50%		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for b I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,KC61347-1 AC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH    Standard     BS EN/EN55015(C     BS EN/EN561000-3- BS EN/EN61000-3-	1, BS EN/EN61347-2-13 ind 1510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3	Test Level / Note Class C @load≥50% Test Level / Note		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, perid UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for b I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347-1, CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH    Standard     BS EN/EN55015(C     BS EN/EN50100-3- BS EN/EN61000-3-	1, BS EN/EN61347-2-13 ind 1510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3	Test Level / Note  Class C @load≥50%  Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for t I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,KC61347-2 CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3-  Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2	1, BS EN/EN61347-2-13 ind 1510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 SPR15),GB/T 17743 2, GB17625.1 3	Test Level / Note  Class C @load≥50%  Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION	10 ~ 500Hz, 5G 12min./1cycle, pericultary. SG 12min./1cycle, pericultary. CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for t I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Ohi Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347-; KC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70° RH Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3- BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2	I, BS EN/EN61347-2-13 ind 1510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3	Test Level / Note Class C @load≥50%  Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, pericular 500Hz, 5G 1	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347-; KC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70° RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3- BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3	I, BS EN/EN61347-2-13 ind 19510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3	Test Level / Note Class C @load≥50%  Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION	10 ~ 500Hz, 5G 12min./1cycle, pericular values of the compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for the compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for the complex of the complex o	250, 13-12; ENEC BS EN/EN61347-18B, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,	I, BS EN/EN61347-2-13 ind 19510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3	Test Level / Note  Class C @load≥50%  Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3  4KV/Line-Line 6KV/Line-Earth Level 2		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION	10 ~ 500Hz, 5G 12min./1cycle, pericular 500Hz, 5G 1	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347-; KC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70° RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3- BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3	I, BS EN/EN61347-2-13 ind 19510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3	Test Level / Note  Class C @load≥50%  Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION	10 ~ 500Hz, 5G 12min./1cycle, pericular to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for the Info. 1/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oher Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted	250, 13-12; ENEC BS EN/EN61347-18B, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,	1, BS EN/EN61347-2-13 ind 1,510.1, GB19510.14;EAC 1 2-13 approved (SPR15), GB/T 17743 (SPR15), GB/T 17743 2, GB17625.1 3	Test Level / Note  Class C @load≥50%  Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4KV/Line-Line 6KV/Line-Earth  Level 2		
	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  EMC IMMUNITY	10 ~ 500Hz, 5G 12min./1cycle, perid UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for to II/P-O/P:3.75KVAC II/P-FG:2KVA II/P-O/P, I/P-FG, O/P-FG:100M Ohe Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	250,13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB19 blank type), KC61347-1,KC61347-1 CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3-  Standard BS EN/EN61000-4-	I, BS EN/EN61347-2-13 ind 1,510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3	Test Level / Note   Class C @load≥50%   Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4KV/Line-Line 6KV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods,		
МС	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  EMC IMMUNITY	10 ~ 500Hz, 5G 12min./1cycle, perid UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for IVP-O/P:3.75KVAC IVP-FG:2KVA IVP-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332	250,13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB19 blank type), KC61347-1,KC61347-1 CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3-  Standard BS EN/EN61000-4-	I, BS EN/EN61347-2-13 ind 1,510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3	Test Level / Note   Class C @load≥50%   Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4KV/Line-Line 6KV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods,		
MC	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  EMC IMMUNITY  MTBF DIMENSION	10 ~ 500Hz, 5G 12min./1cycle, perid UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for the II/P-O/P:3.75KVAC II/P-FG:2KVA II/P-O/P, I/P-FG, O/P-FG:100M Ohe Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(246*77*39.5mm (L*W*H)	250,13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB19 blank type), KC61347-1,KC61347-1 CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3-  Standard BS EN/EN61000-4-	I, BS EN/EN61347-2-13 ind 1,510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3	Test Level / Note   Class C @load≥50%   Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4KV/Line-Line 6KV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods,		
ис	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF  DIMENSION  PACKING	10 ~ 500Hz, 5G 12min./1cycle, perid UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for to I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Ohe Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(246"77"39.5mm (L*W"H) 1.45Kg:9pcs/14Kg/0.76CUFT	250,13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB19 blank type), KC61347-1,KC61347-1 CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3-  Standard BS EN/EN61000-4-	I, BS EN/EN61347-2-13 ind 1,510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3 2 3 4 5 6 6 8 11 HDBK-217F (25°C)	Test Level / Note   Class C @load≥50%   Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4KV/Line-Line 6KV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods,		
<b>IIC</b>	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially mention	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for t I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(246"77*39.5mm (L*W*H) 1.45Kg:9pcs/14Kg/0.76CUFT	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB19 blank type), KC61347-1, KC61347-; KC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(C  BS EN/EN61000-3- BS EN/EN61000-3-  Standard  BS EN/EN61000-4-2  BS EN/EN61000-4-2  BS EN/EN61000-4-2  BS EN/EN61000-4-4  BS EN/EN61000-4-4  BS EN/EN61000-4-4  BS EN/EN61000-4-4  BS EN/EN61000-4-4  BS EN/EN61000-4-5  BS EN/EN61000-4-6	I, BS EN/EN61347-2-13 ind 19510.1, GB19510.14;EAC 1 2-13 approved ISPR15),GB/T 17743 SPR15),GB/T 17743 2, GB17625.1 3 2 3 4 5 6 6 6 7 8 11 11 14 14 15 16 16 16 16 17 18 18 19 19 19 19 19 19 19 19 19 19	Test Level / Note   Class C @load≥50%   Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4KV/Line-Line 6KV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods,		
THERS	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a compo	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for t I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-3320 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT ned are measured at 230VAC input, rate input voltages. Departate for o'Smbrattic	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB19 blank type), KC61347-1, KC61347-; KC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-4-	I, BS EN/EN61347-2-13 ind 1,510.1, GB19510.14;EAC 7 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3 2 3 4 5 6 6 7 8 11 11 1-HDBK-217F (25°C)	Test Level / Note Class C @load≥50%  Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods		
OTHERS	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a compo the final equipment manufacturers m	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for t I/IP-O/P:3.75KVAC I/IP-FG:2KVA I/IP-O/P, I/IP-FG, O/IP-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332i 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT med are measured at 230VAC input, rate input voltages. Please refer to "STATIC nent that will be operated in combination usts re-qualify EMC Directive on the com	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347- CO/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-4-	I, BS EN/EN61347-2-13 ind 1,510.1, GB19510.14;EAC 7 2-13 approved ISPR15),GB/T 17743 ISPR15),GB/T 17743 2, GB17625.1 3 2 3 4 5 6 6 7 8 11 11 1-HDBK-217F (25°C)	Test Level / Note Class C @load≥50%  Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods		
OTHERS	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a compo the final equipment manufacturers m (as available on https://www.meanwe 4. This series meets the typical life eye 4. This series meets the typical life eye 4. This series meets the typical life eye	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for t I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332/ 246*77*39.5mm (L*W*H) 1.45Kg:9pcs/14Kg/0.76CUFT ned are measured at 230VAC input, rate input voltages. Please refer to "STATIC ment that will be operated in combination ust re-qualify EMC Directive on the com ell.com/Upload/PDF/EMI_statement_enectancy >50,000 hours of operation whe	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB19 blank type), KC61347-1, KC61347-; CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(C  BS EN/EN55015(C  BS EN/EN61000-3- BS EN/EN61000-3- BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS E	I, BS EN/EN61347-2-13 ind p310.1, GB19510.14;EAC 1 p310.1, GB19510.14;EAC 1 p32-13 approved  ISPR15),GB/T 17743  SPR15),GB/T 17743  2, GB17625.1  3  P33  P44  B45  B46  B47  B47  B47  B47  B47  B47  B47	Test Level / Note Class C @load≥50%  Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods		
OTHERS	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a compo the final equipment manufacturers m (as available on https://www.meanwe 4. This series meets the typical life exp 5. To fulfill requirements of the latest E	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for It II/P-O/P.3.75KVAC I/P-FG:2KVA II/P-O/P. I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332i 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT ned are measured at 230VAC input, rate input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination input voltages. Please refer to "STATIC enet that will be operated in combination in the properties of the p	250.13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB19 blank type), KC61347-1, KC61347- CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3-  Standard BS EN/EN61000-4-	I, BS EN/EN61347-2-13 ind p310.1, GB19510.14;EAC 1 p310.1, GB19510.14;EAC 1 p32-13 approved  ISPR15),GB/T 17743  SPR15),GB/T 17743  2, GB17625.1  3  P33  P44  B45  B46  B47  B47  B47  B47  B47  B47  B47	Test Level / Note Class C @load≥50%  Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods		
THERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a comporthe final equipment manufacturers m (as available on https://www.meanwed. This series meets the typical life exp 5. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 1. The ambient tem	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for t I/IP-O/P:3.75KVAC I/P-FG:2KVA I/IP-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332i 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT med are measured at 230VAC input, rate input voltages. Please refer to "STATIC nent that will be operated in combination ust re-qualify EMC Directive on the com ell.com/Upload/PDF/EMI_statement_en ectancy >50,000 hours of operation whe rP regulation for lighting fixture, this LEC nt on MEAN WELL's website at http://wr a.5°C/1000m with fanless models and c	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347-; KC 0/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3-  Standard BS EN/EN61000-4-6 BS EN/EN61000-4	I, BS EN/EN61347-2-13 ind ps10.1, GB19510.14;EAC 1 ps10.1, GB19510.14;E	Test Level / Note Class C @load≥50%  Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods he complete installation, ected to the mains.		
THERS	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a compo the final equipment manufacturers m (as available on https://www.meanwe 4. This series meets the typical life exp 5. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 8. For any application note and IP wate	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for It I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(246*77*39.5mm (L*W*H) 1.45Kg:9pcs/14Kg/0.76CUFT oned are measured at 230VAC input, rate input voltages. Please refer to "STATIC nent that will be operated in combination ust re-qualify EMC Directive on the come elcancy >50,000 hours of operation where Pregulation for lighting fixture, this LEE int on MEAN WELL's website at http://wr 3.5°C/1000m with fanless models and or proprof function installation caution, plea	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347-; KC 0/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3-  Standard BS EN/EN61000-4-6 BS EN/EN61000-4	I, BS EN/EN61347-2-13 ind ps10.1, GB19510.14;EAC 1 ps10.1, GB19510.14;E	Test Level / Note Class C @load≥50%  Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods he complete installation, ected to the mains.		
OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a compo the final equipment manufacturers in (as available on https://www.meanwel. 4. This series meets the typical life eye 5. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 8. For any application note and IP wate https://www.meanwel.com/Upload/P	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for t I/IP-O/P:3.75KVAC I/IP-FG:2KVA I/IP-O/P:3.75KVAC I/IP-FG:2KVA I/IP-O/P, I/IP-FG, O/IP-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332/ 246*77*39.5mm (L*W*H) 1.45Kg:3pcs/14Kg/0.76CUFT nent that will be operated in combination ust re-qualify EMC Directive on the com ell.comi/Upload/PDF/EMI_statement_en ectancy >50.000 hours of operation whe IP regulation for lighting fixture, this LEC int on MEAN WELL's website at http://ww If 3.5°C/1000m with fanless models and or proof function installation caution, plea IPF/LED_EN.pdf	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB19 blank type), KC61347-1, KC61347-; KC 0/P-FG:1.5KVAC ms / 500VDC / 25°C / 70° RH  Standard  BS EN/EN55015(C  BS EN/EN55015(C  BS EN/EN61000-3-  Standard  BS EN/EN61000-4-  BS EN/EN61000-4-  BS EN/EN61000-4-  BS EN/EN61000-4-  BS EN/EN61000-4-  BS EN/EN61000-4-  (BS EN/EN6	I, BS EN/EN61347-2-13 ind ps10.1, GB19510.14;EAC 1 ps10.1, GB19510.14;EAC 1 ps10.1, GB19510.14;EAC 1 ps10.1, GB7T 17743 ps10.1,	Test Level / Note  Class C @load≥50%  Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods he complete installation, ected to the mains. Om(6500ft).		
OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially mention and incompanies of the latest Ending and the final equipment manufacturers may be needed under low and the special file equipment manufacturers may be needed under low as a valiable on https://www.meanwel. This series meets the bytical life eye 5. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 8. For any application note and IP wate https://www.meanwell.com/Upload/P 9. Products sourced from the Americas 10.The output voltage of the V Type de 10.Th	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for t I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-3320 246*77*39.5mm (L*W*H) 1.45Kg:9pcs/14Kg/0.76CUFT med are measured at 230VAC input, rate input voltages. Please refer to "STATIC ment that will be operated in combination ust re-qualify EMC Directive on the come elcancy >50,000 hours of operation whe rP regulation for lighting fixture, this LEC int on MEAN WELL's website at http://win.3.5°C/1000m with fanless models and or proof function installation caution, plea DF/LED_EN.pdf regions may not have the ENEC/CCC/h fadilt is 24V, for 12V output, please adjut please adjut please adjut please and to proof function installation caution, please of pores of not responsor may not have the ENEC/CCC/h fadilt is 24V, for 12V output, please adjute.	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB19 blank type), KC61347-1, KC61347- CC 0/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(C  BS EN/EN55015(C  BS EN/EN61000-3- BS EN/EN61000-3- BS EN/EN61000-4- BS EN/EN/EN/EN/EN/EN/EN/EN/EN/EN/EN/EN/EN/E	I, BS EN/EN61347-2-13 ind ps10.1, GB19510.14;EAC 12-13 approved  ISPR15), GB/T 17743  ISPR15,	Test Level / Note  Class C @load≥50%  Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4kV/Line-Line 6kV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods  he complete installation,  ected to the mains.  Dm(6500ft).  on.  not within the specification range.		
AFETY & MC	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a comport the final equipment manufacturers in (as available on https://www.meanwe4. This series meets the typical life exp 5. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 8. For any application note and IP wate https://www.meanwell.com/Upload/P 9. Products sourced from the Americas 10. The output voltage of the V Type de 11. When the secondary OTP falls, the	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for It I/IP-O/P:3.75KVAC I/IP-FG:2KVA I/IP-O/P, I/IP-FG, O/IP-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332i 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT met are measured at 230VAC input, rate input voltages. Please refer to "STATIC nent that will be operated in combination water equality EMC Directive on the comell.com/Upload/PDF/EMI_statement_enectancy >50,000 hours of operation whe rP regulation for lighting fixture, this LEC not on MEAN WELL's website at http://wd. 3.5°C/1000m with fanless models and or proof function installation caution, plea PDF/LED_EN.pdf regions may not have the ENEC/CCC/fault is 24V, for 12V output, please adjuster is also a primary OTP, which is proteet in the proteet	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347-; CC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3-  Standard BS EN/EN61000-4- BS EN/EN61000	I, BS EN/EN61347-2-13 ind ps10.1, GB19510.14;EAC 12-13 approved  ISPR15), GB/T 17743  ISPR15,	Test Level / Note  Class C @load≥50%  Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4kV/Line-Line 6kV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods  he complete installation,  ected to the mains.  Dm(6500ft).  on.  not within the specification range.		
OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a compo the final equipment manufacturers in (as available on https://www.meanwel. 4. This series meets the typical life eyp 5. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 8. For any application note and IP wate https://www.meanwel.com/Upload/P 9. Products sourced from the Americas 10. The output voltage of the V Type de 11. When the secondary OTP falls, the 12. When the secondary OTP falls, the 13. VIH type:RCM is on a voluntary bas 13. VIH type:RCM is on a voluntary bas 14. VIH sper:RCM is on a voluntary bas 15. VIH type:RCM is on a voluntary bas	10 ~ 500Hz, 5G 12min./1cycle, pericular to NE, 10 ~ 500Hz, 5G 12min./1cycle, pericular to NE, 10 ~ 500Hz, 5G 12min./1cycle, pericular to NE, 10 ~ 500Hz, 22 ~ 2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for to NI/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P:3.75KVAC I/P-FG:200M Ohi Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332/1246*77*39.5mm (L*W*H) 1.45Kg:3ppcs/14Kg/0.76CUFT med are measured at 230VAC input, rate input voltages. Please refer to "STATIC nent that will be operated in combination values re-qualify EMC Directive on the comell.com/Upload/PDF/EMI_statement_enectancy >50.000 hours of operation whe Pregulation for lighting fixture, this LEC int on MEAN WELL's website at http://wx 3.5°C/1000m with fanless models and cor proof function installation caution, plea PDF/LED_ENpdf regions may not have the ENEC/CC//fault is 24V, for 12V output, please adjuster is also a primary OTP, which is protec than 110% of the rated current, it will sis. Non IC classification Independent LE is.	250,13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1,KC61347- CO/P-FG:1.5KVAC ms/500VDC/25°C/70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-4-	I, BS EN/EN61347-2-13 ind p310.1, GB19510.14;EAC 7 p-13 approved  ISPR15),GB/T 17743  ISPR15),GB/T 17743  2, GB17625.1  3  P-14  B-15  B-16  B-16  B-17  B-17  B-18  B-18  B-19  B-18  B-19  B-1	Test Level / Note  Class C @load≥50%  Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4kV/Line-Line 6kV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods  he complete installation,  ected to the mains.  Dm(6500ft).  on.  not within the specification range.		
OTHERS	VIBRATION  SAFETY STANDARDS  WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a compo the final equipment manufacturers m (as available on https://www.meanwe 4. This series meets the typical life exp 5. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 8. For any application note and IP wate https://www.meanwell.com/Upload/P 9. Products sourced from the Americas 10. The output voltage of the V Type de 11. When the secondary OTP falls, ther 12. When the secondary OTP falls, ther 12. When the secondary of a voluntary bas M, L type:RCM is on a voluntary bas	10 ~ 500Hz, 5G 12min./1cycle, peric UL8750(type"HL"), CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for It IIP-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P., I/P-FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg(0.76CUFT) ned are measured at 230VAC input, rate input voltages. Please refer to "STATIC ent that will be operated in combination rust re-qualify EMC Directive on the com elt.com//Upload/PDF/EMI_statement_en ectancy >50,000 hours of operation whe rP regulation for lighting fixture, this LEC to not MEAN WELL's website at http://wr fa 5.5°C/1000m with franless models and or proof function installation caution, plea DF/LED_EN.pdf regions may not have the ENEC/CCC/fault is 24V, for 12V output, please adjuster is also a primary OTP, which is protected than 110% of the rated current, it will sis. Non IC classification independent LE is and meets relevant IEC or As/NZs is and meets relevant IEC or As/NZs is and meets relevant IEC or As/NZs is and	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347- CO/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-3- BS EN/EN61000-4- COMBREAS EN/EN61000-4- BS EN/EN61000-4- BS EN/EN61000-4- BS EN/EN61000-4- COMBREAS EN/EN61000-4- COMBREAS EN/EN61000-4- BS EN/EN61000-4- COMBREAS EN/EN61000-4- BS EN/EN61000-4- COMBREAS EN/EN61000-4- BS EN/EN61000-4- COMBREAS EN/EN6	I, BS EN/EN61347-2-13 ind 1510.1, GB19510.14;EAC 1 1510.1, GB19510.14;EAC 1 15-13 approved  ISPR15),GB/T 17743  ISPR15),GB/T 17743  2, GB17625.1  3  11  HDBK-217F (25°C)  ature. Is. Is. Is. Is. Is. Is. Is. Is. Is. Is	Test Level / Note  Class C @load≥50%  Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4kV/Line-Line 6kV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods  he complete installation,  ected to the mains.  Dm(6500ft).  on.  not within the specification range.		
OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a comport the final equipment manufacturers in (as available on https://www.meanwel.com/supload/P. S. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 8. For any application note and IP wate https://www.meanwell.com/Upload/P. 9. Products sourced from the Americas 10. The output voltage of the V Type de 11. When the secondary OTP falls, the 12. When the secondary OTP falls, the 13. V.H type:RCM is on a voluntary bas M. L type:RCM is on a voluntary bas 41. It may has an over-shoot status at (5. If you need the NOM (Mexico) certification of the control of the Now Mexico) certification of the Now Mexico certif	10 ~ 500Hz, 5G 12min./1cycle, pericular to Compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13) (except for IVP-O/P:3.75KVAC IVP-FG:2KVA IVP-O/P:3.75KVAC IVP-FG:2KVA IVP-O/P:4.75FG, O/P-FG:100M Oh Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332i 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT med are measured at 230VAC input, rate input voltages. Please refer to "STATIC nent that will be operated in combination with requality EMC Directive on the comell.com/Upload/PDF/EMI_statement_enectancy >50,000 hours of operation when Pregulation for lighting fixture, this LEE of the MEAN WELL is website at http://wid.3.5°C/1000m with fanless models and or proof function installation caution, plea PDF/LED_EN.pdf pregions may not have the ENEC/CCC/fault is 24V, for 12V output, please adjuster is also a primary OTP, which is protect re than 110% of the rated current, it will is is. Non IC classification Independent Lesis and meets relevant IEC or AS/NZS stoutput current when AC On/Off operate in fictate, Please contact MEAN WELL sies and meets relevant IEC or AS/NZS stoutput current when AC On/Off operate in fictate, Please contact MEAN WELL sies.	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347- CO/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-4- BS EN/EN6	I, BS EN/EN61347-2-13 ind ps10.1, GB19510.14;EAC 1 ps10.1, GB19510.14;EAC 1 ps10.1, GB19510.14;EAC 1 ps10.1, GB19510.14;EAC 1 ps10.1, GB1717743 ps10.1, GB/T 17743 ps	Test Level / Note  Class C @load≥50%  Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4kV/Line-Line 6kV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods  he complete installation,  ected to the mains.  Dm(6500ft).  on.  not within the specification range.		
OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a comport the final equipment manufacturers in (as available on https://www.meanwel.com/supload/P. S. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 8. For any application note and IP wate https://www.meanwell.com/Upload/P. 9. Products sourced from the Americas 10. The output voltage of the V Type de 11. When the secondary OTP falls, the 12. When the secondary OTP falls, the 13. V.H type:RCM is on a voluntary bas M. L type:RCM is on a voluntary bas 41. It may has an over-shoot status at (5. If you need the NOM (Mexico) certification of the control of the Now Mexico) certification of the Now Mexico certif	10 ~ 500Hz, 5G 12min./1cycle, pericultary in the compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13)(except for the compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13) (except for the compliant to EN 60335-2-89 Annex IS15885(Part2/Sec13) (except for the compliant to EN 60335-2-89 Annex IS15885(Part2) (except for the compliant to EN 60335) (except for the compliant to EN 60335) (except for the compliant to EN 60335) (except for EN 60335) (except	250, 13-12; ENEC BS EN/EN61347- BB, EN 60335-2-24 Annex CC; GB15 blank type), KC61347-1, KC61347- CO/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH  Standard BS EN/EN55015(C BS EN/EN55015(C BS EN/EN61000-3- BS EN/EN61000-4- BS EN/EN6	I, BS EN/EN61347-2-13 ind ps10.1, GB19510.14;EAC 1 ps10.1, GB19510.14;EAC 1 ps10.1, GB19510.14;EAC 1 ps10.1, GB19510.14;EAC 1 ps10.1, GB1717743 ps10.1, GB/T 17743 ps	Test Level / Note  Class C @load≥50%  Test Level / Note  Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4kV/Line-Line 6kV/Line-Earth  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods  he complete installation,  ected to the mains.  Dm(6500ft).  on.  not within the specification range.		

# 312W Constant Voltage LED Driver

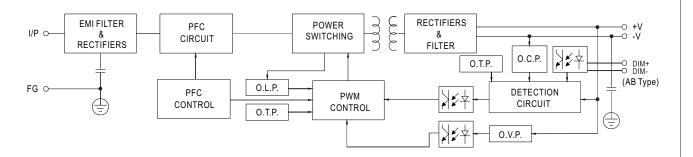
# **SPECIFICATION**

	XLG-320-48-ABV					
RATED CURRENT	6.5A					
RATED POWER (Max.)	312W					
, ,						
	±2.0%					
	±0.5%					
	$\pm 0.5\%$					
DIMMING TOLERANCE	$\pm 4\%$					
SET UP TIME Note.9	00ms/230VAC, 1200ms/115VAC					
RISE TIME, HOLD UP TIME (Typ.)	160ms,10ms/230VAC/115VAC					
VOLTAGE DANGE Note 2	100 ~ 305VAC 142VDC ~ 431VDC					
	(Please refer to "STATIC CHARACTERISTIC")					
FREQUENCY RANGE	47~63Hz					
POWER FACTOR (Typ.)	PF≥0.98 / 115VAC, PF≥0.95 / 230VA	AC, PF ≥ 0.92 / 277VAC at full load				
TOTAL HARMONIC DISTORTION	THD<10% @ load≥50% at 115VAC/230VAC, THD<15%@Load>75% at 277VAC;					
EFFICIENCY (Typ.)	93.5%					
AC CURRENT (Typ.)	3A / 120VAC 1.6A / 230VAC 1.3A / 277VAC					
INRUSH CURRENT(Typ.)	COLD START 45A(twidth=1200µs measured at 50% lpeak) at 230VAC; Per NEMA 410					
	2 unit(circuit breaker of type B) / 4 units(circuit breaker of type C) at 230VAC					
	<0.75mA / 277VAC					
SHUKT CIKCUIT	· · · · · · · · · · · · · · · · · · ·					
OVER VOLTAGE						
	Shut down output voltage, re-power on to recovery					
OVER TEMPERATURE Note.10						
OVERLOAD	105~135%					
OVERLOAD	Hiccup mode or Constant current limiting	ng, recovers automatically after fault condition is removed				
WORKING TEMP.	Tcase=-20 ~ +85°C (Please refer to "OL	ITPUT LOAD vs TEMPERATURE" section)				
MAX. CASE TEMP.	Tcase=+85°C					
WORKING HUMIDITY	20 ~ 95% RH non-condensing					
	-20 ~ +80°C 10 ~ 95% RH non-conden	sing				
,	· ·	onig				
	, ,	70				
VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, period f	or 72min. each along X, Y, Z axes				
SAFETY STANDARDS	UL8750(type"HL"), CSA C22.2 No. 250.13-12; ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384;					
OAI ETT OTANDANDO	GB19510.1, GB19510.14;EAC TP TC 004; IP67 approved					
WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC					
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH					
	Parameter	Standard	Test Level / Note			
	Conducted	BS EN/EN55015(CISPR15),GB/T 17743				
EMC EMISSION	Radiated	BS EN/EN55015(CISPR15),GB/T 17743				
	Harmonic Current	BS EN/EN61000-3-2, GB17625.1	Class C @load≥50%			
	Voltage Flicker	BS EN/EN61000-3-3				
	· ·					
		Standard	Test Level / Note			
			Level 3, 8KV air ; Level 2, 4KV contact			
			Level 2			
			Level 3			
EMC IMMUNITY			4KV/Line-Line 6KV/Line-Earth			
			Level 2			
	waynetic rietu	DO EIN/EIN0 1000-4-8	Level 4			
	Voltage Dips and Interruptions	BS EN/EN61000-4-11	>95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
MTRE	1476 4K hrs min Talcordio SD 222/Do	llcore): 168 1 K hrs min MII -HDPK 217E (25°C)	200 poriodo			
	,	110010), 100.1 K 1113 HIIII. WILL-FIDDN-217F (23 €)				
	1 /					
	1.45Kg;9pcs/14Kg/0.76CUFT					
1. All parameters NOT specially mentioned are measured at 230VAC input, rated current and 25°C of ambient temperature. 2. De-rating may be needed under low input voltages. Please refer to "STATIC CHARACTERISTIC" sections for details. 3. The driver is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.  (as available on https://www.meanwell.com//Upload/PDF/EMI_statement_en.pdf) 4. This series meets the typical life expectancy >50,000 hours of operation when Tcase, particularly @ point (or TMP, per DLC), is 75°C or less. 5. To fuffill requirements of the latest ErP regulation for lighting fixture, this LED driver can only be used behind a switch without permanently connected to the mains. 6. Please refer to the warranty statement on MEAN WELL's website at http://www.meanwell.com 7. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft). 8. For any application note and IP water proof function installation caution, please refer our user manual before using. https://www.meanwell.com/Upload/PDF/LED_EN.pdf 9. Products sourced from the Americas regions may not have the ENEC/CCC/KC logo. Please contact your MEAN WELL sales for more information. 10. When the secondary OTP fails, there is also a primary OTP, which is protected by Shut down output voltage, re-power on to recovery. 11. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 12. Please refer to "DRIVING METHODS OF LED MODULE".						
	DC VOLTAGE RIPPLE & NOISE(max.)  VOLTAGE TOLERANCE LINE REGULATION LOAD REGULATION DIMMING TOLERANCE SET UP TIME Note.9 RISE TIME,HOLD UP TIME (Typ.)  VOLTAGE RANGE Note.2  FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT(Typ.) MAX. NO. of PSUs on 16A CIRCUIT BREAKER LEAKAGE CURRENT STANDBY POWER CONSUMPTION SHORT CIRCUIT OVER VOLTAGE  OVER TEMPERATURE Note.10  OVER LOAD  WORKING TEMP. MAX. CASE TEMP. WORKING HUMIDITY TEMP. COEFFICIENT VIBRATION  SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF  DIMENSION PACKING  1. All parameters NOT specially mer 2. De-rating may be needed under to 3. The drive is considered as a com the final equipment manufacturers t	DC VOLTAGE RIPPLE & NOISE(max.)  250mVp-p  VOLTAGE TOLERANCE  ±2.0%  LINE REGULATION  ±0.5%  DIMMING TOLERANCE  ET UP TIME  Note.9  Note.9  VOLTAGE RANGE  Note.2  160ms,10ms/230VAC, 1200ms/115VAC  RISE TIME,HOLD UP TIME (Typ.)  VOLTAGE RANGE  Note.2  160ms,10ms/230VAC/115VAC  VOLTAGE RANGE  Note.2  170-305VAC  142VDC ~ 431VDC  (Please refer to "STATIC CHARACTER  FREQUENCY RANGE  PF ≥ 0.98 / 115VAC, PF ≥ 0.95 / 230VAC  TOTAL HARMONIC DISTORTION  THD< 10% @ load ≥ 50% at 115VAC//  EFFICIENCY (Typ.)  33.5%  AC CURRENT (Typ.)  34.120VAC  1.6A / 230VAC  INRUSH CURRENT(Typ.)  34.120VAC  1.6A / 230VAC  INRUSH CURRENT(Typ.)  STANDBY POWER CONSUMPTION  SHORT CIRCUIT  VOER VOLTAGE  THICK OF STATIC AND	REPLE & NOISE(max.)   250mVp-p   250mVp-p			



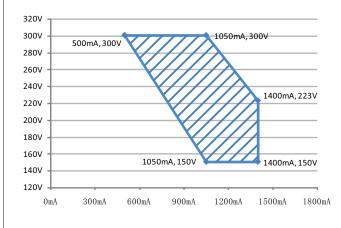


PFC fosc : 45KHz PWM fosc : 100KHz

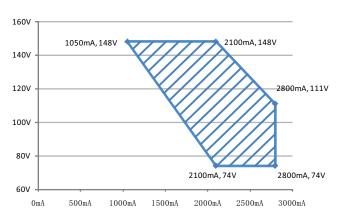


#### ■ DRIVING METHODS OF LED MODULE

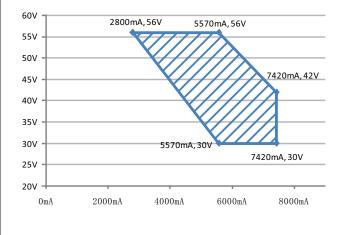
#### XLG-320-L

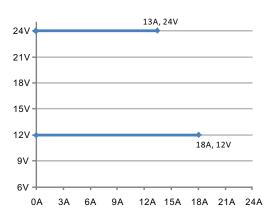


#### XLG-320-M



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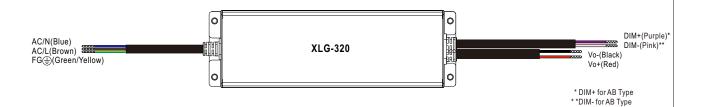




🔆 V type output voltage adjustable via biult-in potentiometer

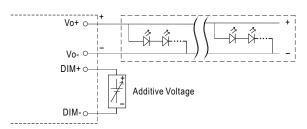


## **■ DIMMING OPERATION**



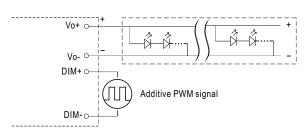
## ※ 3 in 1 dimming function (for AB-Type)

- 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  $\mu$  A (typ.)



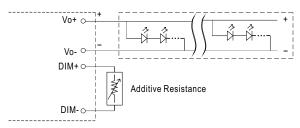
"DO NOT connect "DIM- to Vo-"

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

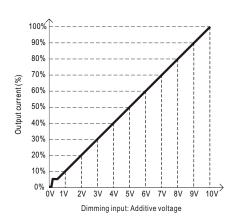


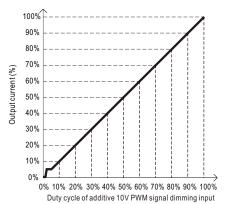
"DO NOT connect "DIM- to Vo-"

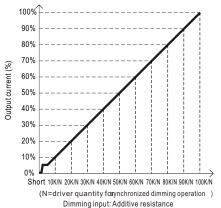
O Applying additive resistance:



"DO NOT connect "DIM- to Vo-"





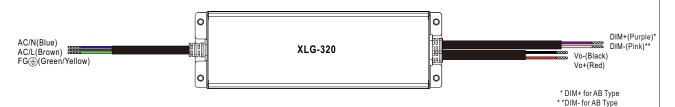


Note : 1. Min. dimming level is about 8% and the output current is not defined when 0% lout <8%

- 2. The output current could drop down to 0% when dimming input is about  $0\Omega$  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

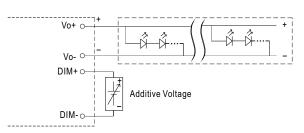


# **■ DIMMING OPERATION**



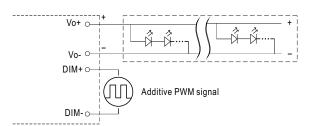
## **※** 3 in 1 dimming function (for ABV-Type)

- Output constant voltage 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: 100µA (typ.)
- O Applying additive 0 ~ 10VDC



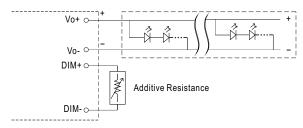
"DO NOT connect "DIM- to Vo-"

O Applying additive 10V PWM signal (frequency range 200Hz ~ 3KHz):

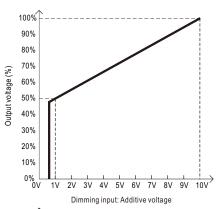


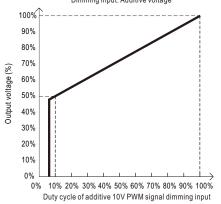
"DO NOT connect "DIM- to Vo-"

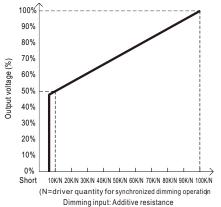
O Applying additive resistance:



"DO NOT connect "DIM- to Vo-"



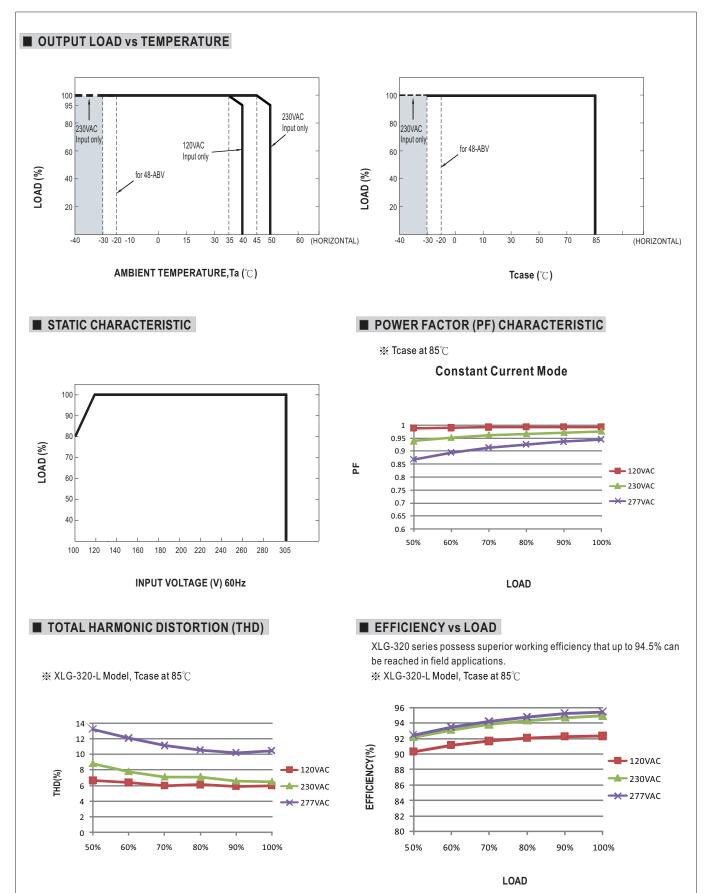




Note: 1. Min. dimming level is about 50% of output voltage and the output voltage is not defined when Vout < 50%

2. The output voltage could drop down to 0V when dimming input is about 0k or 0Vdc, or 10V PWM signal with 0% duty cycle.





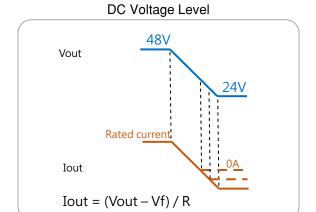


# ■ CONSTANT VOLTAGE DIMMING OPERATION:

48-ABV type

Note: flicker free design for agricultural lighting flicker free design for Indoor LED strip lighting

# 



(Not a PWM style output)

# ■ LIFE TIME

