







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
- Typical lifetime>50,000 hours and 5 years warranty

Applications

- Bay lighting
- Stage lighting
- Floodlight lighting
- Fishing lighting
- · Horticulture lighting
- Stadium lighting
- DMX power supply
- Type "HL" for use in class I, Division 2

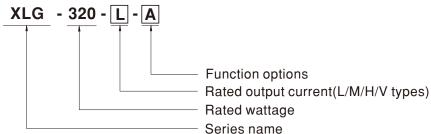
■ GTIN CODE

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

■ Description

XLG-320 series is a 315W LED AC/DC driver featuring the constant power mode and high voltage output. XLG-320 operates from $100{\sim}305$ VAC and offers models with different rated current ranging between 1050mA and 18000mA. 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/GB7000.1-2015 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



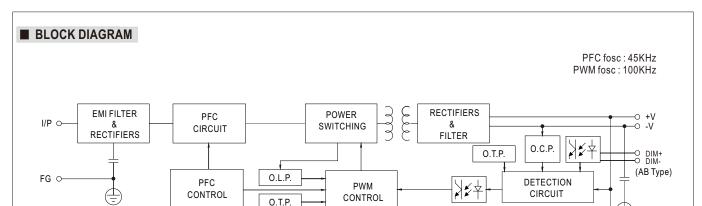
Type	IP Level	Function	Note
Blank	IP67	lo and Vo fixed.(For harsh environment)	By request
Α	IP67	Output constant power adjustable via built-in lo potentiometer	In Stock
AB	IP67	Output constant power adjustable via built-in lo potentiometer + 3 in 1 dimming function (0~10Vdc, 10V PWM signal and resistance)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

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

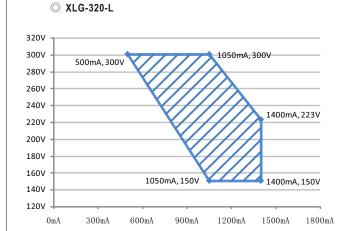


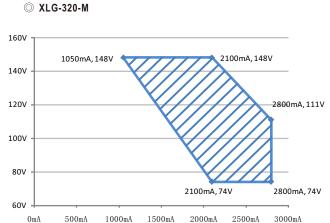
MODEL		XLG-320-L-	XLG-320-M-	XLG-320-H-	XLG-320-V-				
	DEFAULT CURRENT	1400mA	2800mA	5600mA	13A/24V				
	RATED POWER Note.10	315W	310.8W	312W	24V/312W, 12V/216W				
	CONSTANT CURRENT REGION	150~300V	74 ~ 148V	30 ~ 56V	NC				
	OUTPUT VOLTAGE ADJ. RANGE	NC	NC	NC	24V or 12V				
	FULL POWER CURRENT RANGE	1050~1400mA	2100~2800mA	5570~7420mA	13~18A(24V/13A,12V/18A				
ОИТРИТ	OPEN CIRCUIT VOLTAGE (max.)	340V	180V	60V	NC				
	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 NC				
					240mV p-p				
	RIPPLE & NOISE(max.)	NC	NC	NC NC					
	VOLTAGE TOLERANCE	NC	NC NC	NC NC	±3%				
	LINE REGULATION	NC	NC 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 142VDC ~ 431VDC							
	EDECUENCY DANCE	(Please refer to "STATIC CHARACTERISTIC" ang " DRIVING METHODS OF LED MODULE"section)							
	FREQUENCY RANGE	47 ~ 63Hz							
	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)							
		<u> </u>		750/ . 1.077\/4.0					
	TOTAL HARMONIC DISTORTION	THD< 10% @ load ≥ 50% at 115V							
		Please refer to "TOTAL HARMONIC DISTORTION (THD)" section							
NPUT	EFFICIENCY (Typ.)	94.5%	93.5%	92.5%	93%				
	AC CURRENT (Typ.)	3A / 120VAC 1.6A / 230VAC							
	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 P) / 4 .	inits(circuit breaker of type C) at	230VAC					
	CIRCUIT BREAKER	2 unit(circuit breaker of type B) / 4 units(circuit breaker of type C) at 230VAC							
	LEAKAGE CURRENT	<0.75mA / 277VAC							
	STANDBY POWER	Standby power consumption <0.5W for AB-Type(Dimming OFF)							
	CONSUMPTION Note.5	Standby power consumption 40.3%	vior Ab-Type(billilling Of 1)						
	SHORT CIRCUIT	Hiccup mode or Constant current li	miting, recovers automatically af	ter fault condition is removed					
	OVERVOLTACE	350 ~ 380V	190 ~ 220V	63 ~ 78V	27 ~ 34V				
	OVER VOLTAGE	Shut down output voltage, re-powe	r on to recovery	<u>'</u>					
OTECTION		I/M/H-Type: Trase>85°C +5°C derate nower automatically							
	OVER TEMPERATURE Note.11								
	V-Type: Shut down output voltage, re-power on to recover 108~135%(only for V-type)								
	OVER LOAD Note.10	Hiccup mode or Constant current li	miting, recovers automatically af	ter fault condition is removed					
	WORKING TEMP.	Tcase=-40 ~ +85°C (Please refer to							
		`	OUTFUT LOAD VS TEIVIFERAT	ONE Section)					
	MAX. CASE TEMP.	Tcase=+85°℃							
ENVIRONMENT	WORKING HUMIDITY	20 ~ 95% RH non-condensing							
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH non-con	ndensing						
	TEMP. COEFFICIENT	±0.03%/°C (0~60°C)							
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, per	iod for 72min, each along X, Y, Z	axes					
			•		dependent BS FN/FN62384:				
		UL8750(type"HL"), CSA C22.2 No. 250.13-12; ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384; GB19510.1, GB19510.14; EAC TP TC 004; IP67 approved							
	SAFETY STANDARDS	GB19510.1, GB19510.14;EAC TP	TC 004; IP67 approved	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC					
	SAFETY STANDARDS WITHSTAND VOLTAGE								
			AC O/P-FG:1.5KVAC						
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2KV/	AC O/P-FG:1.5KVAC		Test Level / Note				
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2KVA I/P-O/P, I/P-FG, O/P-FG:100M Or	AC O/P-FG:1.5KVAC nms / 500VDC / 25°C / 70% RH Standard	5(CISPR15) ,GB/T17743	Test Level / Note				
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Or Parameter Conducted	AC O/P-FG:1.5KVAC nms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501	* **					
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501	5(CISPR15),GB/T17743					
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M OF Parameter Conducted Radiated Harmonic Current	AC O/P-FG:1.5KVAC mms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5610	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1	 Class C @load≥50%				
ACETY O	WITHSTAND VOLTAGE ISOLATION RESISTANCE	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1					
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN56100 BS EN/EN61000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1	 Class C @load≥50%				
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C/ 70% RH Standard BS EN/EN5501 BS EN/EN56100 BS EN/EN61000 Standard	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3	Class C @load≥50% Test Level / Note				
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN56100 BS EN/EN61000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3	 Class C @load≥50%				
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN6100 BS EN/EN61000 Standard BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN610000 BS EN/EN610000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2				
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of- Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN6100 BS EN/EN61000 Standard BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN610000 BS EN/EN610000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3				
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN6100 BS EN/EN61000 Standard BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN610000 BS EN/EN610000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2				
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN6100 BS EN/EN61000 Standard BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN61000 BS EN/EN610000 BS EN/EN610000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3				
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN6100 BS EN/EN61000 Standard BS EN/EN61000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5	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				
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field	AC O/P-FG:1.5KVAC nms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501 BS EN/EN6100 BS EN/EN61000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6	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				
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted	AC O/P-FG:1.5KVAC hms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN6100 BS EN/EN61000 Standard BS EN/EN61000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6	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				
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field	AC O/P-FG:1.5KVAC mms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501 BS EN/EN6100 Standard BS EN/EN61000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3)-4-2)-4-3 0-4-4 0-4-5 0-4-6 0-4-8	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	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M OF 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	AC O/P-FG:1.5KVAC mms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501 BS EN/EN6100 Standard BS EN/EN61000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3)-4-2)-4-3 0-4-4 0-4-5 0-4-6 0-4-8	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	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M OF 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)	AC O/P-FG:1.5KVAC mms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501 BS EN/EN6100 Standard BS EN/EN61000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3)-4-2)-4-3 0-4-4 0-4-5 0-4-6 0-4-8	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,				
ic	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M OF 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	AC O/P-FG:1.5KVAC mms / 500VDC / 25°C/ 70% RH Standard BS EN/EN5501 BS EN/EN56100 BS EN/EN61000 Standard BS EN/EN61000	5(CISPR15),GB/T17743 0-3-2 , GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8 0-4-11 MIL-HDBK-217F (25°C)	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,				
ic	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially mention	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of- 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 ed are measured at 230VAC input, rated	AC O/P-FG:1.5KVAC nms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501 BS EN/EN6100 BS EN/EN61000 CUTTEN TABLE OF TABLE O	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8 0-4-11 MIL-HDBK-217F (25°C)	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	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially mention 2. De-rating may be needed under low ir 3. The driver is considered as a compon	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M OF 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 ed are measured at 230VAC input, rated ipput voltages. Please refer to "STATIC Clement that will be operated in combination went that will be operated in combination went in that will be operated in combination went in the will be operated in combination went in that will be operated in combination went in the will be operated in combination will be operated in combination went in the will be operated in combination will be operated in combi	AC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501 BS EN/EN6100 Standard BS EN/EN6100 BS EN/EN61000 CBS EN/EN61000 BS EN/EN61000	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8 0-4-11 MIL-HDBK-217F (25°C)	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	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially mention 2. De-rating may be needed under low ir 3. The driver is considered as a compon the final equipment manufacturers mu	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M Of- 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 ed are measured at 230VAC input, rated put voltages. Please refer to "STATIC Clent that will be operated in combination wits re-qualify EMC Directive on the compile	AC O/P-FG:1.5KVAC nms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501 BS EN/EN6100 BS EN/EN61000 Standard BS EN/EN61000 CUTTON TO THE MERCE OF	5(CISPR15), GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8 0-4-11 MIL-HDBK-217F (25°C)	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	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially mention 2. De-rating may be needed under low ir 3. The driver is considered as a compon	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M OF 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 ed are measured at 230VAC input, rated put voltages. Please refer to "STATIC Clent that will be operated in combination was tre-qualify EMC Directive on the completancy >50,000 hours of operation when	AC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501 BS EN/EN6100 Standard BS EN/EN61000 CBS EN/EN61000 BS EN/EN610000 BS EN/EN61000 BS EN/EN610000 BS EN/EN61000 BS EN/EN610000 BS EN/EN610000 BS EN/EN610000 BS EN/EN610000 BS EN/EN6	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8 0-4-11 MIL-HDBK-217F (25°C) reture. ils. ormance will be affected by the cc	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	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially mention 2. De-rating may be needed under low ir 3. The driver is considered as a compon the final equipment manufacturers mu 4. This series meets the typical life expe 5. To fulfill requirements of the latest Erl 6. Please refer to the warranty statemen	I/P-O/P:3.75KVAC I/P-FG:2KV/ I/P-O/P, I/P-FG, O/P-FG:100M OF 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 ed are measured at 230VAC input, rated put voltages. Please refer to "STATIC Clent that will be operated in combination vis tre-quality EMC Directive on the completancy >50,000 hours of operation when P regulation for lighting fixture, this LED of to m MEAN WELL's website at http://www.	AC O/P-FG:1.5KVAC ms / 500VDC / 25°C / 70% RH Standard BS EN/EN5501 BS EN/EN5501 BS EN/EN6100 Standard BS EN/EN6100 BS EN/EN61000 Current and 25°C of ambient temper HARACTERISTIC' sections for detail with final equipment. Since EMC perfete installation again. Tcase, particularly (point (or TMP priver can only be used behind a swift. Tcase, particularly (point (or TMP priver can only be used behind a swift.)	5(CISPR15),GB/T17743 0-3-2, GB/T17625.1 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8 0-4-11 MIL-HDBK-217F (25°C) rature. lis. ormance will be affected by the co	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				
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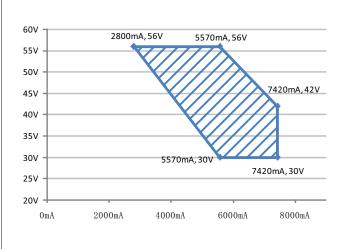


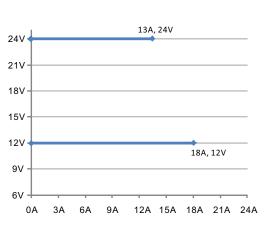
■ DRIVING METHODS OF LED MODULE





O.V.P.



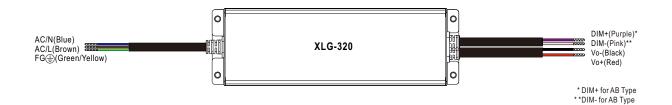


XLG-320-V

* V type output voltage adjustable via biult-in potentiometer

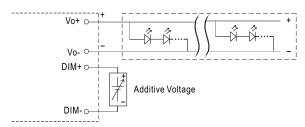


■ DIMMING OPERATION

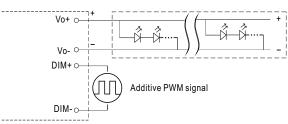


¾ 3 in 1 dimming function (for AB-Type)

- 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.)

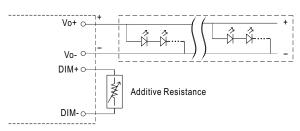


"DO NOT connect "DIM- to Vo-"

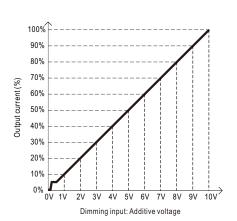


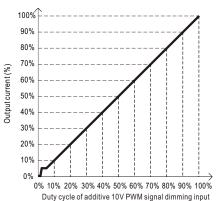
"DO NOT connect "DIM- to Vo-"

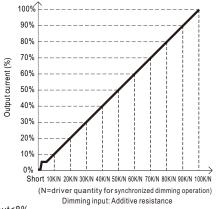
Applying additive resistance:



"DO NOT connect "DIM- to Vo-"



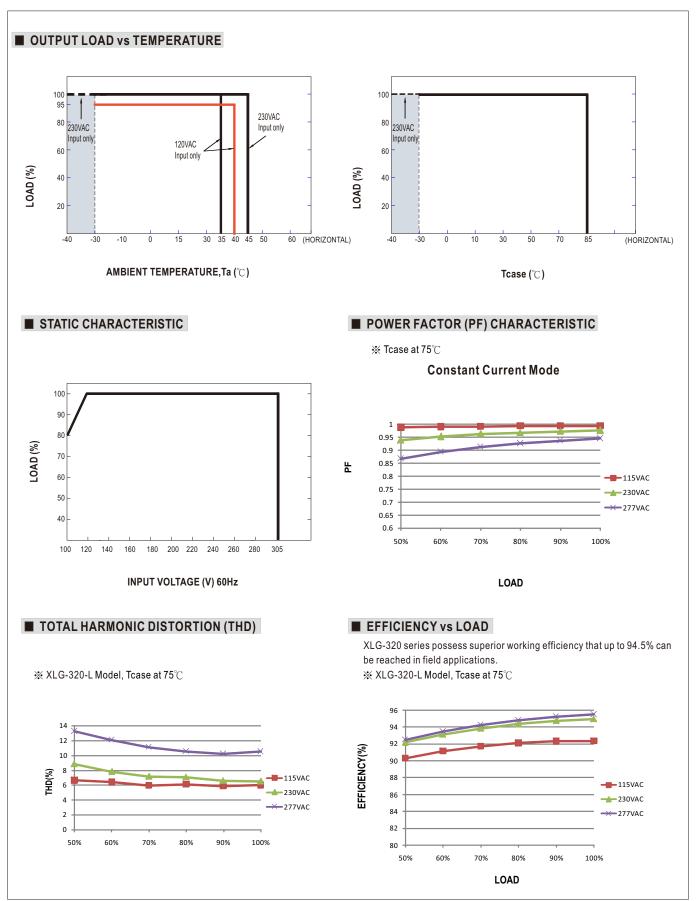




Note: 1. Min. dimming level is about 8% and the output current is not defined when 0% < lout < 8%.

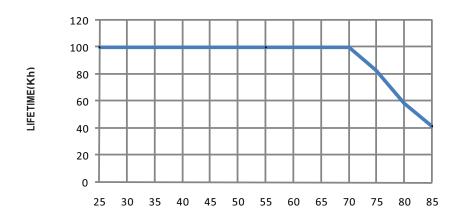
- 2. The output current could drop down to 0% when dimming input is about 0Ω or 0Vdc, or 10V PWM signal with 0% duty cycle.
- 3. When PWM frequency >2K HZ, the lighting will be triggered at 10~15% PWM duty.





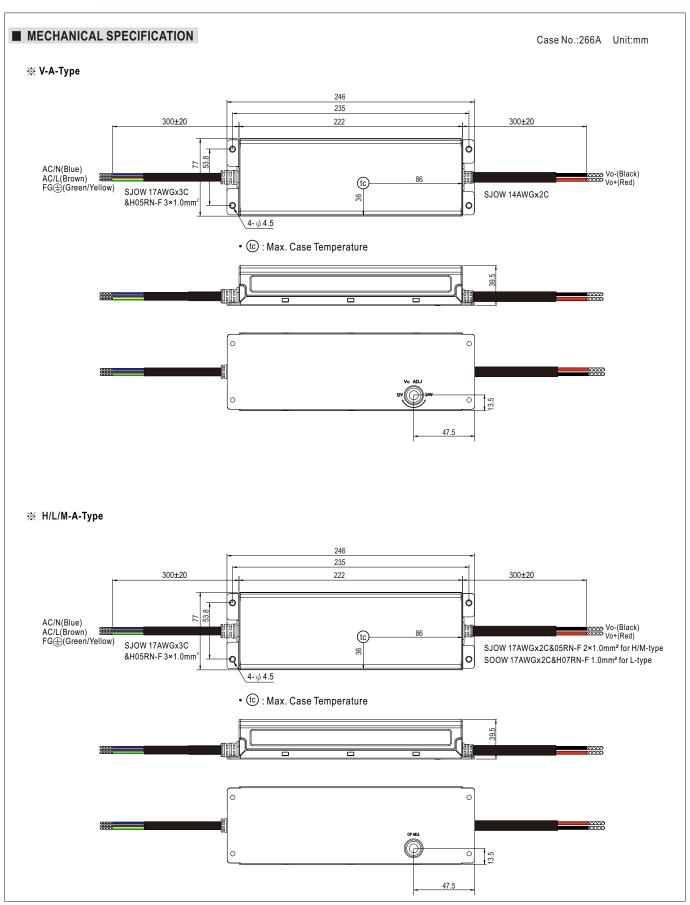


■ LIFE TIME



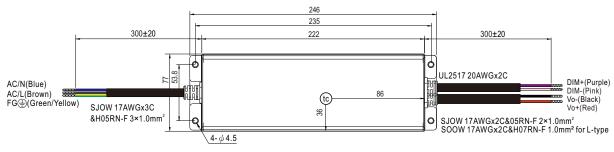
Tcase ($^{\circ}\!\mathbb{C}$)



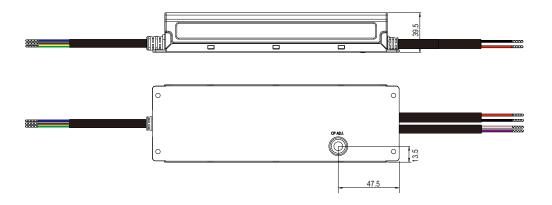




■ MECHANICAL SPECIFICATION ※ AB-Type



• (tc): Max. Case Temperature



■ INSTALLATION MANUAL

Please refer to : http://www.meanwell.com/manual.html