

Наличие и актуальные цены на

XLG-75I-12-A

https://www.mean-well.ru/store/XLG-75I-12-A/































Features

- Wide input range 100~305V AC(Class I)
- Full power output at 70~100% Constant power mode operation
- · Metal case with IP67, suitable for outdoor application
- Class 2 power unit(except for L type)
- Surge protection with 6KV/4KV
- 3 in 1 dimming function (Dim to off and Isolation design)
- India (EESL) version with Input Over Voltage Protection can survive input voltage stress of 440Vac for 48 hours
- Protection functions: OVP/SCP/OCP/OTP
- Compliance to EN60335-1 household application
- Life time >50,000 hrs. and 5 years warranty

Applications

- Skyscraper lighting
- · Street lighting
- Floodlight Lighting
- · Stage lighting
- Horticulture lighting
- · Bay lighting
- DMX power supply
- Type HL for use in class I, Division 2
- Household devices
- Retail and refrigerated display

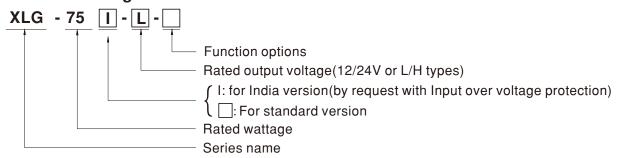
■ GTIN CODE

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

Description

XLG-75 series is a 75W LED AC/DC driver featuring the constant power mode.XLG-75 operates from 100~305VAC and offers models with different rated current ranging between 700mA and 5000mA. Thanks to the high efficiency up to 91%, with the fanless design, the entire series is able to operate for -40°C ~+90°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-75 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 with isolation to ensure the safety of both user and luminaire system during installation.

Model Encoding



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

Note: 1.12V and 24V models without the AB type

2. India version needs MOQ for production, please consult MEANWELL for detail

75W Constant Voltage + Constant Current LED Driver

MODEL		XLG-75 □-12- □	XLG-75	XLG-75 □-24- □			
	DC VOLTAGE	12V	24V				
OUTPUT	CONSTANT CURRENT REGION Note.2	8.4~ 12V	16.8~ 24V				
	RATED CURRENT (Default)	5A	3.1A				
	RATED POWER	60W	74.4W				
	RIPPLE & NOISE (max.) Note.3	150mVp-p	240mVp-p				
	CURRENT ADJ RANGE	2.5A~5A	1.55A~3.1/	1.55A~3.1A			
	VOLTAGE TOLERANCE Note.4	±3.0%	±2.0%	±2.0%			
	LINE REGULATION	±0.5% ±0.5%					
	LOAD REGULATION	±2% ±1%					
	SETUP, RISE TIME Note.6	500ms, 100ms/230VAC, 1200ms, 100ms/115VAC					
	HOLD UP TIME (Typ.)	10ms/ 230VAC 10ms/ 115VAC					
	TIOLD OF TIME (Typ.)	100 ~ 305VAC 142 ~ 431VDC					
	VOLTAGE RANGE Note.5	(Please refer to "STATIC CHARACTERISTIC" section)					
	FREQUENCY RANGE	47 ~ 63Hz					
	POWER FACTOR	PF≥0.97/115VAC, PF≥0.95/230VAC, PF≥0.92/277VAC@full load					
	TOTAL HARMONIC DISTORTION						
INPUT		THD<10%(@load≥50%/115VC,230VAC; @load≥75%/277VAC)					
IFUI	EFFICIENCY (Typ.)	89%					
	AC CURRENT	1.0A/115VAC 0.45A/230VAC 0.38A/277VAC					
	INRUSH CURRENT(Typ.)	COLD START 50A(twidth=300µs measured at 50% Ipeak) at 230VAC; Per NEMA 410					
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	9 units (circuit breaker of type B) / 14 units (circuit breaker of type C) at 230VAC					
	LEAKAGE CURRENT	<0.75mA/277VAC					
	NO LOAD POWER CONSUMPTION	No load power consumption <0.5W(for standard version)					
	OVER CURRENT	95 ~ 108% Hiccup mode or Constant current limiting, recovers automatically after fault condition is removed					
	CHORT OID CHIT		•				
ROTECTION	SHORT CIRCUIT	Hiccup mode or Constant current limiting 13 ~ 19V	, recovers automatically after fault of	condition is	removed		
KUTECTION	OVER VOLTAGE						
		Shut down output voltage, re-power on to recover					
	INPUT OVER VOLTAGE Note.7	320 ~ 370VAC (Shut down output voltage when the input voltage exceeds protection voltage, recovers automatically after fault condition is removed)					
		Can survive input voltage stress of 440Vac for 48 hours					
	OVER TEMPERATURE	Shut down output voltage, re-power on					
	WORKING TEMP.	Tcase=-40 ~ +90°C (Please refer to "OU"	TPUT LOAD vs TEMPERATURE" s	ection)			
	MAX. CASE TEMP.	Tcase=+90°C					
	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
NVIRONMENT	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH					
	TEMP. COEFFICIENT	±0.03%/°C (0~60°C)					
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, period for	72min. each along X, Y, Z axes				
	SAFETY STANDARDS Note.7	UL8750(type"HL"), UL879, CSA C22.2 No. 250.13-12;ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384,EN 60335-compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex CC;GB19510.1, GB19510.14; EAC TP TC 004;J61347-1(H29), J61347-2-13(H29), KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75I type only); OM-058-SCFI-2017(except for Blank type);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 / 5	500VDC/25℃/70% RH				
		Parameter	Standard		Test Level/Note		
		Conducted	BS EN/EN55015(CISPR15) ,GE	B/T 17743			
		Radiated	BS EN/EN55015(CISPR15) ,GE				
	EMC EMISSION	Harmonic Current	BS EN/EN61000-3-2 ,GB1762		Class C @load≥50%		
		Voltage Flicker		.0.1			
MC		BS EN/EN61547	BS EN/EN61000-3-3		1		
AFETY &			Standard		Test Level/Note		
		Parameter	Standard				
		ESD	BS EN/EN61000-4-2		Level 3, 8KV air ; Level 2, 4KV contact		
		Radiated	BS EN/EN61000-4-3		Level 3		
	EMC IMMUNITY	EFT/Burst	BS EN/EN61000-4-4		Level 3		
		Surge	BS EN/EN61000-4-5		4KV/Line-Line 6KV/Line-Earth		
		Conducted	BS EN/EN61000-4-6		Level 3		
		Magnetic Field	BS EN/EN61000-4-8		Level 4		
		Voltage Dips and Interruptions	BS EN/EN61000-4-11		>95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods		
OTHERS	MTBF DIMENSION	3404.7K hrs min. Telcordia SR-332 (B 140*63*32mm (L*W*H)	ellcore); 276.3Khrs min. MIL-	-HDBK-217	F (25°C)		
HERO	PACKING	0.58Kg;24pcs /15Kg /0.85CUFT					
ОТЕ	1. All parameters NOT specially mentioned are measured at 230VAC input, rated current and 25°C of ambient temperature. 2. Please refer to "DRIVING METHODS OF LED MODULE". 3. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 4. Tolerance : includes set up tolerance, line regulation and load regulation. 5. De-rating may be needed under low input voltages. Please refer to "STATIC CHARACTERISTIC" sections for details. 6. Length of set up time is measured at first cold start. Turning ON/OFF the driver may lead to increase of the set up time. 7. Input over voltage only for XLG-75 I series ,and I series without UL/CSA certificate. 8. 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) 9. This series meets the typical life expectancy of >50,000 hours of operation when Tcase, particularly @ point (or TMP, per DLC), is about 75°C or less. 10. Please refer to the warranty statement on MEAN WELL's website at http://www.meanwell.com						
	10. Please refer to the warranty11. The ambient temperature de12. Products sourced from the ansatz13. To fullfill requirements of the to the mains	statement on MEAN WELL's website at	http://www.meanwell.com els and of 5°C/1000m with fan mod CCC/BIS/KC logo. Please contact this LED drivers can only be used	dels for ope your MEAN behind a s	rating altitude higher than 2000m(6500ft). N WELL sales for more information.		

to the mains

14. 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

15. If you need the NOM (Mexico) certificate, Please contact MEAN WELL sales representative for details.

** Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx

File Name:XLG-75-SPEC 2024-03-12

		XLG-75 □-L- □	XLG-75				
,	RATED CURRENT (Default)	700mA	1400mA				
	RATED POWER	74.9W	75.6W				
	CONSTANT CURRENT REGION	53 ~ 107V	27 ~ 56V				
	FULL POWER CURRENT RANGE	700~1050mA	1300~2100mA	1			
DUTPUT	OPEN CIRCUIT VOLTAGE (max.)	115V 60V					
	CURRENT ADJ. RANGE	350~1050mA 650~2100mA					
	CURRENT RIPPLE	3.0%(@rated current)					
	CURRENT TOLERANCE	$\pm 5\%$					
	SET UP TIME	500ms/230VAC, 1200ms/115VAC					
	VOLTAGE RANGE Note.5	100 ~ 305VAC 142VDC ~ 431VDC					
	VOLIAGE RANGE Note.5	(Please refer to "STATIC CHARACTERISTIC" ang " DRIVING METHODS OF LED MODULE"section)					
	FREQUENCY RANGE	47 ~ 63Hz					
	POWER FACTOR (Typ.)	$PF \!\! \ge \! 0.97 / 115VAC, PF \!\! \ge \! 0.95 / 230VAC, PF \!\! \ge \! 0.92 / 277VAC at full load$					
	TOTAL CONTON (1991)	(Please refer to "Power Factor Characteristic" section)					
	TOTAL HARMONIC DISTORTION	THD< 10% (@ load ≥ 50% at 115VAC/230VAC, @load ≥ 75% at 277VAC)					
		Please refer to "TOTAL HARMONIC DISTORTION (THD)" section					
INPUT	EFFICIENCY (Typ.)	91% 90%					
	AC CURRENT (Typ.)	1A / 115VAC 0.45A / 230VAC 0.38A / 277VAC					
	INRUSH CURRENT(Typ.)	COLD START 50A(twidth=300µs measured at 50% lpeak) at 230VAC; Per NEMA 410					
	MAX. NO. of PSUs on 16A	9 unit(circuit breaker of type B) / 14 units(circuit breaker of type C) at 230VAC					
	CIRCUIT BREAKER	7 7 7					
	LEAKAGE CURRENT	<0.75mA/277VAC					
	STANDBY	Standby power consumption <0.5W for AB-Type(Dimming OFF)(for standard version)					
	POWER CONSUMPTION			,			
	OVER POWER	110 ~ 150%					
		Hiccup mode, recovers automatically after fault condition is					
PROTECTION	SHORT CIRCUIT	Hiccup mode or Constant current limiting, recovers automatically after fault condition is removed					
	INPUT OVER VOLTAGE Note.7	320 ~ 370VAC (Shut down output voltage when the input voltage exceeds protection voltage, recovers automatically after fault condition is removed)					
	OVER TEMPERATURE	Can survive input voltage stress of 440Vac for 48 hours					
	WORKING TEMP.	Shut down output voltage, re-power on to recovery Tcase=-40 ~ +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section)					
		Tcase=+90°C					
-	MAX. CASE TEMP.	20 ~ 95% RH non-condensing					
ENVIRONMENT	WORKING HUMIDITY STORAGE TEMP., HUMIDITY	-40 ~ +80°C , 10 ~ 95% RH non-condensing					
	TEMP. COEFFICIENT						
		±0.03%/°C (0 ~ 60°C)	V V 7				
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each alo					
		UL8750(type"HL"), CSA C22.2 No. 250.13-12; ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384; EN 60335-1 compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex CC; GB19510.1, GB19510.14; EAC TP TC 004; J61347-1 (H29), J61347-2-13 (H261347-1, KC61347-2-13, IS15885 (Part2/Sec13) (for XLG-75 I type only); NOM-058-SCFI-2017 (except for Blank type); IP67 approved					
	SAFETY STANDARDS Note.7	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex	CC;GB19510.1,GB19510.14;	EAC TP TC 004;J61347-1(H29), J61347-2-13(H			
CAFETY 0	SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20	EAC TP TC 004;J61347-1(H29), J61347-2-13(H			
		compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75I	CC;GB19510.1 , GB19510.14; type only); NOM-058-SCFI-20	EAC TP TC 004;J61347-1(H29), J61347-2-13(H			
	WITHSTAND VOLTAGE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75II/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVA	CC;GB19510.1 , GB19510.14; type only); NOM-058-SCFI-20	EAC TP TC 004;J61347-1(H29), J61347-2-13(H			
	WITHSTAND VOLTAGE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC	CC;GB19510.1 , GB19510.14; type only); NOM-058-SCFI-20	EAC TP TC 004;J61347-1(H29), J61347-2-13(H 117(except for Blank type);IP67 approved			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20 C 0% RH	EAC TP TC 004; J61347-1(H29), J61347-2-13(H 117(except for Blank type); IP67 approved			
	WITHSTAND VOLTAGE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVA(1/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN550	CC;GB19510.1 , GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15) ,GB/T 17743	EAC TP TC 004; J61347-1(H29), J61347-2-13(H 117(except for Blank type); IP67 approved Test Level/Note			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVA(1/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN550	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20; 0% RH 15(CISPR15),GB/T 17743 15(CISPR15),GB/T 17743 00-3-2,GB17625.1	EAC TP TC 004; J61347-1(H29), J61347-2-13(H 117(except for Blank type); IP67 approved Test Level/Note			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVA(I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN550 Harmonic Current BS EN/EN610	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20; 0% RH 15(CISPR15),GB/T 17743 15(CISPR15),GB/T 17743 00-3-2,GB17625.1	EAC TP TC 004;J61347-1(H29), J61347-2-13(H 117(except for Blank type);IP67 approved Test Level/Note Class C @load≥50%			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885 (Part2/Sec13) (for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN550 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20; 0% RH 15(CISPR15),GB/T 17743 15(CISPR15),GB/T 17743 00-3-2,GB17625.1	EAC TP TC 004;J61347-1(H29), J61347-2-13(H 117(except for Blank type);IP67 approved Test Level/Note Class C @load≥50%			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN550 Harmonic Current BS EN/EN610 BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN610	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15), GB/T 17743 15(CISPR15), GB/T 17743 00-3-2, GB17625.1 00-3-3	EAC TP TC 004; J61347-1(H29), J61347-2-13(H 117(except for Blank type); IP67 approved Test Level/Note Class C @load≥50%			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN560 Harmonic Current BS EN/EN610 BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN610 Parameter Standard Standard	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15), GB/T 17743 15(CISPR15), GB/T 17743 00-3-2, GB17625.1 00-3-3	EAC TP TC 004;J61347-1(H29), J61347-2-13(H 17(except for Blank type);IP67 approved Test Level/Note Class C @load≥50% Test Level/Note			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVA(I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN550 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN61547 Parameter Standard ESD BS EN/EN610 Radiated BS EN/EN610 BS EN/EN616 BS EN/EN616	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15), GB/T 17743 15(CISPR15), GB/T 17743 00-3-2, GB17625.1 00-3-3	EAC TP TC 004;J61347-1(H29), J61347-2-13(H17(except for Blank type);IP67 approved Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVA(I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN550 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN61547 Parameter Standard ESD BS EN/EN610 Radiated BS EN/EN616 Radiated BS EN/EN616 ESD BS EN/EN616 Radiated BS EN/EN616 EFT/Burst BS EN/EN616	CC;GB19510.1,GB19510.14; type only); NOM-058-SCFI-20; 0% RH 15(CISPR15),GB/T 17743 15(CISPR15),GB/T 17743 00-3-2,GB17625.1 00-3-3	EAC TP TC 004;J61347-1(H29), J61347-2-13(H 17(except for Blank type);IP67 approved Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN561 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN61547 Parameter Standard ESD BS EN/EN610 Radiated BS EN/EN616 Radiated BS EN/EN616 EFT/Burst BS EN/EN616 Surge BS EN/EN616	CC;GB19510.1,GB19510.14; type only); NOM-058-SCFI-20; 0% RH 15(CISPR15),GB/T 17743 15(CISPR15),GB/T 17743 00-3-2,GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29), J6147-2-13(H29), J6147-2-13(H29), J6147-2-13(H29), J6147-2-13(H29), J6147-2-13(H29), J6147-2-13(H29), J6147-2-13(H29), J61347-13(H29), J61347-13(H29), J61347-13(H29), J61347-13(H29), J61347-13(H29), J6147-13(H29), J6147-13(H29), J6147-13(H29), J6147-13(H29), J6147-13(H29), J6147-13(H29), J6147-13(H29), J6147-13(H29), J6147			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885 (Part2/Sec13) (for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN550 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN61547 Parameter Standard ESD BS EN/EN610 Radiated BS EN/EN610 Radiated BS EN/EN610 EFT/Burst BS EN/EN610 Surge BS EN/EN610 Conducted BS EN/EN610	CC;GB19510.1,GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15),GB/T 17743 15(CISPR15),GB/T 17743 00-3-2,GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5 00-4-6	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29), J61347-13(H29), J61347-13(H2			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN610 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN616 BS EN/EN610 ESD BS EN/EN610 Radiated BS EN/EN610 Radiated BS EN/EN610 ESD BS EN/EN610 Radiated BS EN/EN610 ESD BS EN/EN610 Radiated BS EN/EN610 EFT/Burst BS EN/EN610 Surge BS EN/EN610 Conducted BS EN/EN610 Magnetic Field BS EN/EN610	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15), GB/T 17743 15(CISPR15), GB/T 17743 00-3-2, GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5 00-4-6 00-4-8	EAC TP TC 004;J61347-1(H29), J61347-2-13(H17(except for Blank type);IP67 approved Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 4KV/Line-Line 6KV/Line-Earth Level 3 Level 3 Level 4			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885 (Part2/Sec13) (for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN550 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN61547 Parameter Standard ESD BS EN/EN610 Radiated BS EN/EN610 Radiated BS EN/EN610 EFT/Burst BS EN/EN610 Surge BS EN/EN610 Conducted BS EN/EN610	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15), GB/T 17743 15(CISPR15), GB/T 17743 00-3-2, GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5 00-4-6 00-4-8	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29), J61347-13(H29), J61347-13(H2			
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885 (Part2/Sec13) (for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN561 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN61547 Parameter Standard ESD BS EN/EN610 Radiated BS EN/EN610 EFT/Burst BS EN/EN610 Surge BS EN/EN610 Conducted BS EN/EN610 Magnetic Field BS EN/EN610 Voltage Dips and Interruptions BS EN/EN610	CC;GB19510.1,GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15),GB/T 17743 15(CISPR15),GB/T 17743 00-3-2,GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5 00-4-6 00-4-8	EAC TP TC 004; J61347-1(H29), J61347-2-13(H17(except for Blank type); IP67 approved Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 4KV/Line-Line 6KV/Line-Earth Level 3 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885 (Part2/Sec13) (for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN561 Harmonic Current BS EN/EN610 BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN610 BS EN/EN61547 Parameter Standard ESD BS EN/EN610 BS EN/EN610 Radiated BS EN/EN610 BS EN/EN610 EFT/Burst BS EN/EN610 BS EN/EN610 Surge BS EN/EN610 BS EN/EN610 Conducted BS EN/EN610 BS EN/EN610 Voltage Dips and Interruptions BS EN/EN610 3404.7K hrs min. Telcordia SR-332 (Bellcore); 276.3	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15), GB/T 17743 15(CISPR15), GB/T 17743 00-3-2, GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5 00-4-6 00-4-8	EAC TP TC 004; J61347-1(H29), J61347-2-13(H17(except for Blank type); IP67 approved Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 4KV/Line-Line 6KV/Line-Earth Level 3 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN560 Harmonic Current BS EN/EN610 BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN610 BS EN/EN61547 Parameter Standard ESD BS EN/EN610 BS EN/EN610 Radiated BS EN/EN610 BS EN/EN610 EFT/Burst BS EN/EN610 BS EN/EN610 Surge BS EN/EN610 BS EN/EN610 Conducted BS EN/EN610 BS EN/EN610 Voltage Dips and Interruptions BS EN/EN610 3404.7K hrs min. Telcordia SR-332 (Bellcore); 276.3 140*63*32mm (L*W*H)	CC;GB19510.1,GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15),GB/T 17743 15(CISPR15),GB/T 17743 00-3-2,GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5 00-4-6 00-4-8	EAC TP TC 004; J61347-1(H29), J61347-2-13(H17(except for Blank type); IP67 approved Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 4KV/Line-Line 6KV/Line-Earth Level 3 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
DTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN610 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN61547 BS EN/EN610 Parameter Standard ESD BS EN/EN610 Radiated BS EN/EN610 EFT/Burst BS EN/EN610 Surge BS EN/EN610 Conducted BS EN/EN610 Magnetic Field BS EN/EN610 Voltage Dips and Interruptions BS EN/EN610 3404.7K hrs min. Telcordia SR-332 (Bellcore); 276.3 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT	CC;GB19510.1,GB19510.14; type only); NOM-058-SCFI-20 COW RH 15(CISPR15),GB/T 17743 16(CISPR15),GB/T 17743 170-3-2,GB17625.1 170-3-3 170-4-2 170-4-2 170-4-3 170-4-4 170-4-5 170-4-6 170-4-8 170-4-11 1	EAC TP TC 004;J61347-1(H29), J61347-2-13(H17(except for Blank type);IP67 approved Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 Level 3 4KV/Line-Line 6KV/Line-Earth Level 3 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods F (25°C)			
OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specially	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1, KC61347-2-13, IS15885 (Part2/Sec13) (for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN561 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN616 BS EN/EN610 Radiated BS EN/EN610 Radiated BS EN/EN610 EFT/Burst BS EN/EN610 Surge BS EN/EN610 Conducted BS EN/EN610 Magnetic Field BS EN/EN610 Voltage Dips and Interruptions BS EN/EN610 3404.7K hrs min. Telcordia SR-332 (Bellcore); 276.3 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT mentioned are measured at 230VAC input, rated current at 230VAC input, rated curre	CC;GB19510.1,GB19510.14; type only); NOM-058-SCFI-20 COW RH 15(CISPR15),GB/T 17743 16(CISPR15),GB/T 17743 170-3-2,GB17625.1 170-3-3 170-4-2 170-4-2 170-4-3 170-4-4 170-4-5 170-4-6 170-4-8 170-4-11 1	EAC TP TC 004;J61347-1(H29), J61347-2-13(H17(except for Blank type);IP67 approved Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 Level 3 4KV/Line-Line 6KV/Line-Earth Level 3 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods F (25°C)			
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured.	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN561 Harmonic Current BS EN/EN610 BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN610 BS EN/EN61547 BS EN/EN610 BS EN/EN610 Parameter Standard ESD BS EN/EN610 Radiated BS EN/EN610 BS EN/EN610 EFT/Burst BS EN/EN610 BS EN/EN610 Surge BS EN/EN610 BS EN/EN610 Conducted BS EN/EN610 BS EN/EN610 Voltage Dips and Interruptions BS EN/EN610 3404.7K hrs min. Telcordia SR-332 (Bellcore); 276.3 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT mentioned are measured at 230VAC input, rated current at 20MHz of bandwidth by using a 12" twisted pair-wire tell	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15), GB/T 17743 15(CISPR15), GB/T 17743 00-3-2, GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5 00-4-6 00-4-8 00-4-11 Khrs min. MIL-HDBK-217	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29), J61347-2-13(H29), J61347-2-13(H20),			
OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance: includes set up to 4. Tolerance: includes set up to	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN550 Harmonic Current BS EN/EN610 BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN610 BS EN/EN61547 Parameter Standard ESD BS EN/EN610 BS EN/EN610 Radiated BS EN/EN610 BS EN/EN610 EFT/Burst BS EN/EN610 BS EN/EN610 Surge BS EN/EN610 BS EN/EN610 Conducted BS EN/EN610 BS EN/EN610 Voltage Dips and Interruptions BS EN/EN610 BS EN/EN610 3404.7K hrs min Telcordia SR-332 (Bellcore); 276.3 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT mentioned are measured at 230VAC input, rated current at 20MHz of bandwidth by using a 12" twisted pair-wire telerance, line regulation and load regulation.	CC;GB19510.1, GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15), GB/T 17743 15(CISPR15), GB/T 17743 00-3-2, GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5 00-4-6 00-4-8 00-4-11 Khrs min. MIL-HDBK-217 md 25°C of ambient tempers	EAC TP TC 004; J61347-1(H29), J61347-2-13(H29), J61347-2-13(H29), J61347-2-13(H20),			
DTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance: includes set up to 5. De-rating may be needed un 6. Length of set up time is mea:	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN561 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN61547 BS EN/EN616 Parameter Standard ESD BS EN/EN616 Radiated BS EN/EN616 EFT/Burst BS EN/EN616 Surge BS EN/EN616 Conducted BS EN/EN616 Magnetic Field BS EN/EN616 Voltage Dips and Interruptions BS EN/EN616 3404.7K hrs min. Telcordia SR-332 (Bellcore); 276.3 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT mentioned are measured at 230VAC input, rated current at THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" twisted pair-wire telerance, line regulation and load regulation. der low input voltages. Please refer to "STATIC CHARACT sured at first cold start. Turning ON/OFF the driver may leasured at 200 kg for the driver may leasured at 200 kg f	CC;GB19510.1,GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15),GB/T 17743 15(CISPR15),GB/T 17743 00-3-2,GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5 00-4-6 00-4-8 00-4-11 Khrs min. MIL-HDBK-217 md 25°C of ambient temper: rminated with a 0.1uf & 47u ERISTIC" sections for detail	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29),			
DTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance : includes set up to 5. De-rating may be needed un 6. Length of set up time is mea: 7. Input over voltage only for XI.	compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75) I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAI I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 7 Parameter Standard Conducted BS EN/EN550 Radiated BS EN/EN561 Harmonic Current BS EN/EN610 Voltage Flicker BS EN/EN610 BS EN/EN61547 BS EN/EN610 Parameter Standard ESD BS EN/EN610 Radiated BS EN/EN610 EFT/Burst BS EN/EN610 Surge BS EN/EN610 Conducted BS EN/EN610 Magnetic Field BS EN/EN610 Voltage Dips and Interruptions BS EN/EN610 3404.7K hrs min. Telcordia SR-332 (Bellcore); 276.3 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT mentioned are measured at 230VAC input, rated current at THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" twisted pair-wire televance, line regulation and load regulation. Jer low input voltages. Please refer to "STATIC CHARACT	CC;GB19510.1,GB19510.14; type only); NOM-058-SCFI-20 0% RH 15(CISPR15),GB/T 17743 15(CISPR15),GB/T 17743 00-3-2,GB17625.1 00-3-3 00-4-2 00-4-3 00-4-4 00-4-5 00-4-6 00-4-8 00-4-11 Khrs min. MIL-HDBK-217 md 25°C of ambient temper: rminated with a 0.1uf & 47u ERISTIC" sections for detail d to increase of the set up t	EAC TP TC 004; J61347-1(H29), J61347-2-13(H17(except for Blank type); IP67 approved Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 4KV//Line-Line 6KV/Line-Earth Level 3 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods F (25°C) ature. f parallel capacitor. s. ime.			

- complete installation, the intal equipment manufacturers must re-quality EMC Directive on the complete installation again.
 (as available on https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf)

 9. This series meets the typical life expectancy of >50,000 hours of operation when Tcase, particularly (to point (or TMP, per DLC), is about 75°C or less.

 10. Please refer to the warranty statement on MEAN WELL's website at http://www.meanwell.com

 11. 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).

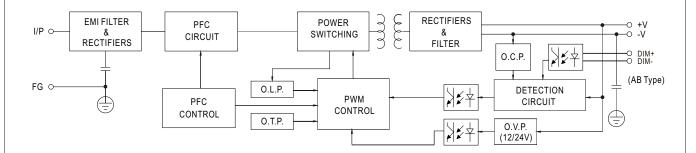
 12. Products sourced from the Americas regions may not have the PSE/CCC/BIS/KC logo. Please contact your MEAN WELL sales for more information.

 13. To fullfill requirements of the latest ErP regulation for lighting fixtures, this LED drivers can only be used behind a switch without permanently connected to the mains 13. To tallilli requirements of the latest ETP regulation to lighting lixtures, this EED drivers can only be used behind a syto to the mains
 14. 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
 15. If you need the NOM (Mexico) certificate, Please contact MEAN WELL sales representative for details.
- ** Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx



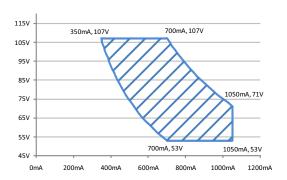
■ BLOCK DIAGRAM

PFC fosc: 50~120KHz PWM fosc: 65KHz

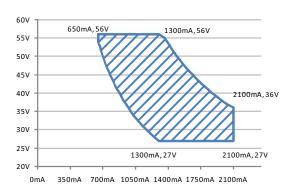


■ DRIVING METHODS OF LED MODULE

% I-V Operating Area



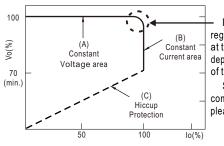
Recommend Performance Region



Recommend Performance Region

◯ XLG-75-12,24

This series is able to work in either Constant Current mode (a direct drive way) or Constant Voltage mode (usually through additional DC/DC driver) to drive the LEDs.



 In the constant current region, the highest voltage at the output of the driver depends on the configuration of the end systems.

Should there be any compatibility issues, please please contact MEAN WELL.

Typical output current normalized by rated current (%)

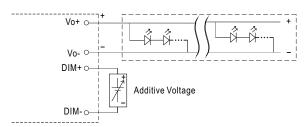


■ DIMMING OPERATION



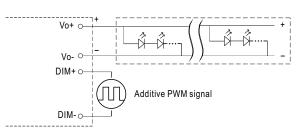
※ 3 in 1 dimming function (for AB-Type)

- 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 μ A (typ.)



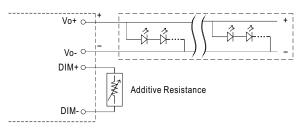
"DO NOT connect "DIM- to Vo-"

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

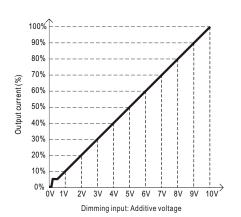


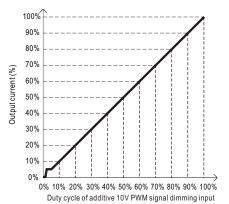
"DO NOT connect "DIM- to Vo-"

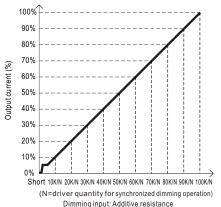
Applying additive resistance:



"DO NOT connect "DIM- to Vo-"





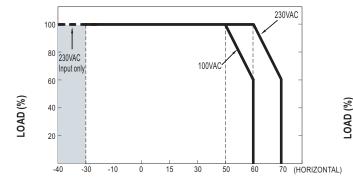


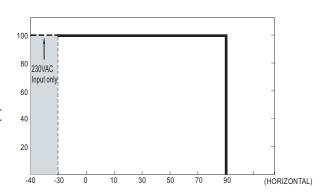
Note : 1. Min. dimming level is about 8% and the output current is not defined when 0% < Iout < 8%

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.



■ OUTPUT LOAD vs TEMPERATURE





Tcase (°C)

AMBIENT TEMPERATURE, Ta (°C)

If XLG-75 operates in Constant Current mode with the rated current the maximum workable Ta is 60 $^{\circ}$ C (Typ. 230VAC) or 50 $^{\circ}$ C (Typ. 100VAC) Below 110VAC@ -30 $^{\circ}$ C may retry to 2nd setup

■ STATIC CHARACTERISTIC

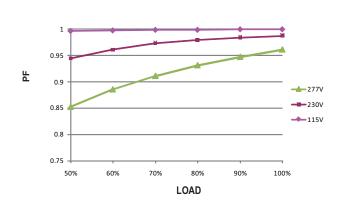
100 90 -80 -70 --100 110 140 160 180 200 220 240 260 280 305 INPUT VOLTAGE (V) 60Hz

■ POWER FACTOR (PF) CHARACTERISTIC

※ Tcase at 75°

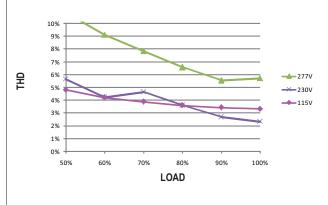
C

Constant Current Mode



■ TOTAL HARMONIC DISTORTION (THD)

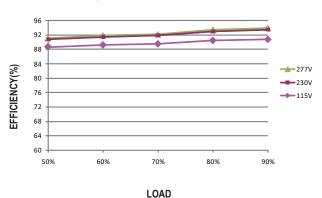
※ XLG-75-L Model, Tcase at 75°C



■ EFFICIENCY vs LOAD

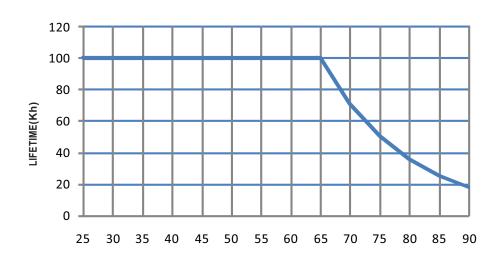
XLG-75 series possess superior working efficiency that up to 92% can be reached in field applications.

※ XLG-75-L Model, Tcase at 75°C



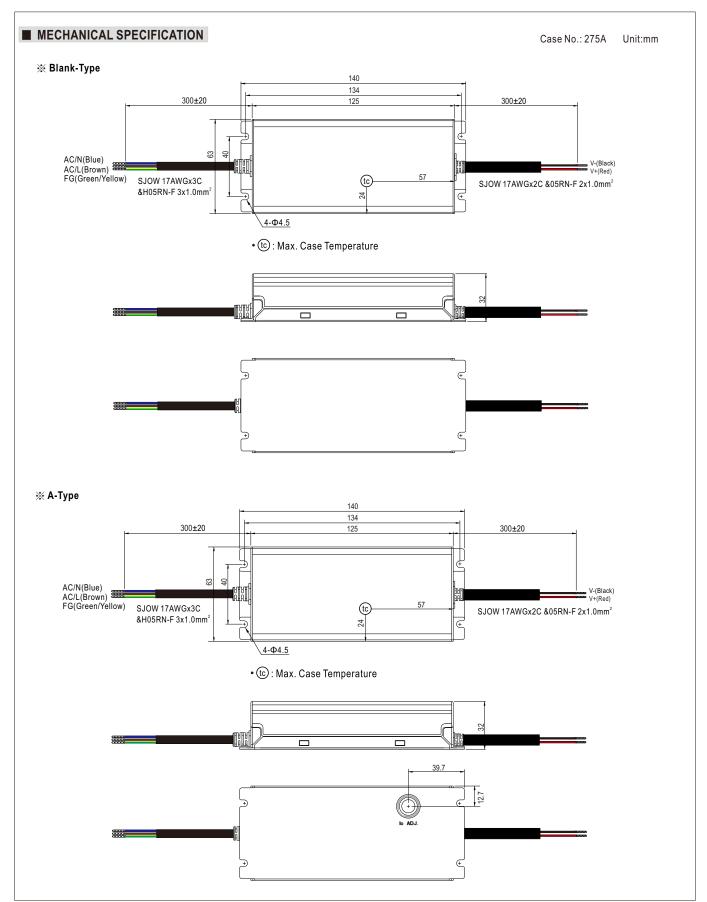


■ LIFE TIME



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





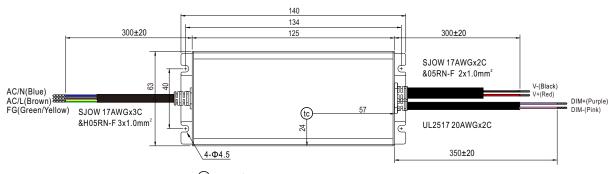
Unit:mm

Case No.: 275A

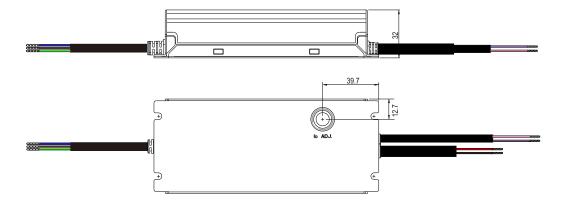


■ MECHANICAL SPECIFICATION

※ AB-Type



• (tc): Max. Case Temperature



■ Recommend Mounting Direction



■ INSTALLATION MANUAL

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