























# 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

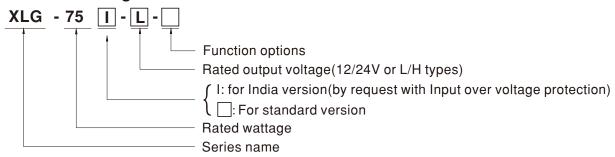
## ■ GTIN CODE

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 □-24- □				
	DO VOLTA OF						
ОИТРИТ	DC VOLTAGE  CONSTANT CURRENT REGION Note.2	12V	24V				
	RATED CURRENT (Default)	5A	16.8~ 24V 3.1A				
	RATED POWER	60W	74.4W				
	RIPPLE & NOISE (max.) Note.3		240mVp-p				
	CURRENT ADJ RANGE	2.5A~5A	1.55A~3.1A				
	VOLTAGE TOLERANCE Note.4	±3.0%	±2.0%				
	LINE REGULATION	±0.5% ±0.5%					
	LOAD REGULATION	±2% ±1%					
	SETUP, RISE TIME Note.6	500ms, 100ms/230VAC, 1200ms, 100ms	s/115VAC				
	HOLD UP TIME (Typ.)	10ms/ 230VAC 10ms/ 115VAC					
	VOLTAGE RANGE Note.5	100 ~ 305VAC 142 ~ 431VDC					
	VOLIAGE NAME NOTE.S	(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					
N.B. I.T.	TOTAL HARMONIC DISTORTION	THD< 10%(@load≧50%/115VC,230VAC					
NPUT	EFFICIENCY (Typ.)	89%	90%				
	AC CURRENT		BA/277VAC				
	INRUSH CURRENT(Typ.)	COLD START 50A(twidth=300µs measure	ed at 50% Ipeak) at 230VAC; Per NEMA 410				
	MAX. No. of PSUs on 16A	9 units (circuit breaker of type B) / 14 unit	ts (circuit breaker of type C) at 230VAC				
	CIRCUIT BREAKER						
	LEAKAGE CURRENT	<u.></u.> <u.></u.> TOMA / 27 / VAC	<0.75mA / 277VAC				
	NO LOAD	No load power consumption <0.5W(	for standard version)				
	POWER CONSUMPTION	05 4000/					
PROTECTION	OVER CURRENT	95~108%					
			recovers automatically after fault condition is				
	SHORT CIRCUIT	Hiccup mode or Constant current limiting, recovers automatically after fault condition is removed					
PROTECTION	OVER VOLTAGE	13 ~ 19V 26 ~ 36V					
		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)					
	OVED TEMPERATURE	Can survive input voltage stress of 440Vac for 48 hours  Shut down output voltage, re-power on to recover					
	OVER TEMPERATURE						
	WORKING TEMP.  MAX. CASE TEMP.	Tcase=-40 ~ +90°C (Please refer to * OUTPUT LOAD vs TEMPERATURE" section)					
		Tcase=+90°C					
	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
	CTODAGE TEMP HUMIDITY	40 ±00°C 40 0EN/ DII					
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH					
ENVIRONMENT	STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION	$-40$ ~ $+80^{\circ}$ C, $10$ ~ $95\%$ RH $\pm 0.03\%$ °C (0 ~ $60^{\circ}$ C) $10$ ~ $500$ Hz, $5$ G 12min./1cycle, period for	72min. each along X, Y, Z axes				
ENVIRONMENT	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 60°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6 60335-2-24 Annex CC;GB19510.1, GB19510.14; eec13)(for XLG-75I type only); OM-058-SCFI-201	1347-2-13 independent, BS EN/EN62384,EN 60335 EAC TP TC 004;J61347-1(H29), J61347-2-13(H29) 7(except for Blank type);IP67 approved			
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7	±0.03%/°C (0 ~ 60°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6 00335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC	EAC TP TC 004; J61347-1(H29), J61347-2-13(H29)			
NVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1, KC61347-2-13, IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5  Parameter	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH Standard	EAC TP TC 004; J61347-1 (H29), J61347-2-13 (H29			
NVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5  Parameter  Conducted	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; 6c13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29 7(except for Blank type);IP67 approved			
NVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S  I/P-O/P:3.75KVAC I/P-FG:2KVAC  I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5  Parameter  Conducted  Radiated	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29 7(except for Blank type);IP67 approved  Test Level/Note			
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5  Parameter  Conducted	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; 6c13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29 7(except for Blank type);IP67 approved  Test Level/Note Class C @load≥50%			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29 7(except for Blank type);IP67 approved  Test Level/Note			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15) ,GB/T 17743 BS EN/EN55015(CISPR15) ,GB/T 17743 BS EN/EN61000-3-2 ,GB17625.1 BS EN/EN61000-3-3	EAC TP TC 00 <sup>4</sup> ;J61347-1(H29), J61347-2-13(H29 7(except for Blank type);IP67 approved  Test Level/Note Class C @load≥50%			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29 7(except for Blank type);IP67 approved  Test Level/Note Class C @load≥50%  Test Level/Note			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29 7(except for Blank type);IP67 approved  Test Level/Note Class C @load≥50%  Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-3	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29 7(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			
:MC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29) 7(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			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-751 type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29 7(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			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29 7(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			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-751 type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29 7(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			
EMC SAFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	EAC TP TC 004;J61347-1(H29), J61347-2-13(H29) 7(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,			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-11	EAC TP TC 004;J61347-1(H29), J61347-2-13(H297 (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	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-11	EAC TP TC 004;J61347-1(H29), J61347-2-13(H297 (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 AFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.7 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION  EMC IMMUNITY  MTBF DIMENSION PACKING	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 3404.7K hrs min. Telcordia SR-332 (Be 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; ec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 ellcore); 276.3Khrs min. MIL-HDBK-217	EAC TP TC 004;J61347-1(H29), J61347-2-13(H297 (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)			
EMC	TEMP. COEFFICIENT VIBRATION  SAFETY STANDARDS Note.7  WITHSTAND VOLTAGE  ISOLATION RESISTANCE  EMC EMISSION  EMC EMISSION  MTBF  DIMENSION  A li parameters NOT specially 2. Please refer to "DRIVING MI 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 8. The driver is considered as a complete installation, the fina (as available on https://www. 9. This series meets the typical 10. Please refer to the warranty 11. The ambient temperature de 12. Products sourced from the 4.	±0.03%/°C (0 ~ 60°C)  10 ~ 500Hz, 5G 12min./1cycle, period for  UL8750(type"HL"), UL879, CSA C22.2 No. 2 compliant to EN 60335-2-89 Annex BB, EN 6 KC61347-1,KC61347-2-13,IS15885(Part2/S I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 5 Parameter  Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter  ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions  3404.7K hrs min. Telcordia SR-332 (Be 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT // mentioned are measured at 230VAC inpertioned in the regulation and load regulation der low input voltages. Please refer to "SI sured at first cold start. Turning ON/OFF to Gerance, line regulation and load regulation der low input voltages. Please refer to "SI sured at first cold start. Turning ON/OFF to Gerance, line regulation and load regulation der low input voltages. Please refer to "SI sured at first cold start. Turning ON/OFF to Gerance, line regulation and load regulation and	50.13-12;ENEC BS EN/EN61347-1, BS EN/EN6: 60335-2-24 Annex CC;GB19510.1, GB19510.14; fec13)(for XLG-75I type only); OM-058-SCFI-201 O/P-FG:1.5KVAC 600VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3  Standard  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 EN/EN61000-4-6 BS EN/EN61000-4-1  BS EN/EN61000-4-11  ellicore); 276.3Khrs min. MIL-HDBK-217  ut, rated current and 25°C of ambient temper wisted pair-wire terminated with a 0.1uf & 470 cm.  TATIC CHARACTERISTIC" sections for detail he driver may lead to increase of the set up it and control inc	EAC TP TC 004;J61347-1(H29), J61347-2-13(H297(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 YF (25°C)  Test Level/Note Level 3 Level 4  Test Level 4  Test Level 5  Test Level/Note Level 6  Test Level/Note Level 7  Test Level/Note Level 8  Tevel 9  Test Level/Note Level 9  Tevel 9  Tev			

MODEL		XLG-75L	XLG-75 □-H- □			
	RATED CURRENT (Default)	700mA	1400mA			
OUTPUT	RATED POWER	74.9W	75.6W			
	CONSTANT CURRENT REGION	53 ~ 107V	27 ~ 56V			
	FULL POWER CURRENT RANGE	700~1050mA	1300~2100mA			
	OPEN CIRCUIT VOLTAGE (max.)	115V 60V				
	CURRENT ADJ. RANGE	350~1050mA 650~2100mA				
	CURRENT RIPPLE	3.0%(@rated current)				
	CURRENT TOLERANCE	±5%				
	SET UP TIME	500ms/230VAC, 1200ms/115VAC				
	VOLTAGE RANGE Note.5	100 ~ 305VAC 142VDC ~ 431VDC				
	VOLTAGE RANGE Note.5	(Please refer to "STATIC CHARACTERISTIC" ang " DRIVING METHODS OF LED MODULE"section)				
	FREQUENCY RANGE	47 ~ 63Hz				
	POWER FACTOR (Typ.)	$PF \! \ge \! 0.97  /  115VAC,  PF \! \ge \! 0.95  /  230VAC,  PF \! \ge \! 0.92  /  277VAC   at  full  load$				
INPUT	TOWERTACION (Typ.)	(Please refer to "Power Factor Characteristic" section)  THD< 10% (@ load ≥ 50% at 115VAC/230VAC ,@load ≥ 75% at 277VAC)				
	TOTAL HARMONIC DISTORTION					
	TOTAL HARMONIC DISTORTION	Please refer to "TOTAL HARMONIC DISTORTION (THD)" section				
	EFFICIENCY (Typ.)	91%	90%			
	AC CURRENT (Typ.)	1A / 115VAC 0.45A / 230VAC	0.38A / 277VAC			
	INRUSH CURRENT(Typ.)	COLD START 50A(twidth=300μs measured	d at 50% Ipeak) 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	9 unit(circuit breaker of type B) / 14 units(circuit breaker of type C) at 230VAC				
	LEAKAGE CURRENT	<0.75mA / 277VAC				
	STANDBY	Standby nower consumption < 0.5W	for AR-Type/Dimming OFF)/for standard	version)		
	POWER CONSUMPTION	Standby power consumption <0.5W for AB-Type(Dimming OFF)(for standard version)				
	OVER POWER	110 ~ 150%				
	OVER POWER	Hiccup mode, recovers automatically after fault condition is removed				
PROTECTION	SHORT CIRCUIT	Hiccup mode or Constant current limiting, recovers automatically after fault condition is removed				
KOILOIION	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 to recovery				
	WORKING TEMP.	Tcase=-40 ~ +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section)				
	MAX. CASE TEMP.	Tcase=+90°C				
ENVIRONMENT	WORKING HUMIDITY	20 ~ 95% RH non-condensing				
MANICOMINEM	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH non-condensing				
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 60°C)				
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, period fo	r 72min. each along X, Y, Z axes			
	SAFETY STANDARDS Note.7	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(H29) KC61347-1,KC61347-2-13,IS15885(Part2/Sec13)(for XLG-75I type only); NOM-058-SCFI-2017(except for Blank type);IP67 approved				
SAFETY &	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℃ / 70% RH			
EMC	EMC EMISSION	Parameter	Standard	Test Level/Note		
		Conducted	BS EN/EN55015(CISPR15) ,GB/T 17743			
		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			
		BS EN/EN61547				
		Parameter	Standard	Test Level/Note		
		ESD	BS EN/EN61000-4-2	Level 3, 8KV air ; Level 2, 4KV contact		
				Level 3		
		Radiated	BS EN/EN61000-4-3			
	EMC IMMUNITY	Radiated EFT/Burst	BS EN/EN61000-4-3 BS EN/EN61000-4-4	Level 3		
	EMC IMMUNITY					
	EMC IMMUNITY	EFT/Burst	BS EN/EN61000-4-4 BS EN/EN61000-4-5	Level 3		
	EMC IMMUNITY	EFT/Burst Surge Conducted	BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	Level 3 4KV/Line-Line 6KV/Line-Earth		
	EMC IMMUNITY	EFT/Burst Surge Conducted Magnetic Field	BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Level 3 4KV/Line-Line 6KV/Line-Earth Level 3 Level 4		
	EMC IMMUNITY	EFT/Burst Surge Conducted	BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	Level 3 4KV/Line-Line 6KV/Line-Earth Level 3		
	EMC IMMUNITY	EFT/Burst Surge Conducted Magnetic Field	BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11	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		
OTHERS		EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11	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		
THERS	мтвг	EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 3404.7K hrs min. Telcordia SR-332 (B	BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11	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		
	MTBF DIMENSION PACKING	EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 3404.7K hrs min. Telcordia SR-332 (E 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT mentioned are measured at 230VAC inp	BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11	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  YF (25°C)		
DTHERS	MTBF  DIMENSION  PACKING  1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured	EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 3404.7K hrs min. Telcordia SR-332 (E 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT mentioned are measured at 230VAC inpertioned of the conduction of the	BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11  BELICORE); 276.3Khrs min. MIL-HDBK-217  But, rated current and 25°C of ambient temperatusted pair-wire terminated with a 0.1uf & 47uf	Level 3  4KV/Line-Line 6KV/Line-Earth  Level 3  Level 4  995% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods  F (25°C)  ature.		
	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	EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions  3404.7K hrs min. Telcordia SR-332 (E 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT mentioned are measured at 230VAC inp: THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" telerance, line regulation and load regulation	BS EN/EN61000-4-4  BS EN/EN61000-4-5  BS EN/EN61000-4-6  BS EN/EN61000-4-8  BS EN/EN61000-4-11  delicore); 276.3Khrs min. MIL-HDBK-217  but, rated current and 25°C of ambient temperature.  wisted pair-wire terminated with a 0.1uf & 47u on.	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.		
	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:	EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 3404.7K hrs min. Telcordia SR-332 (E 140*63*32mm (L*W*H) 0.58Kg;24pcs /15Kg /0.85CUFT mentioned are measured at 230VAC inp: THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" telerance, line regulation and load regulatiofer low input voltages. Please refer to "S	BS EN/EN61000-4-4  BS EN/EN61000-4-5  BS EN/EN61000-4-6  BS EN/EN61000-4-8  BS EN/EN61000-4-11  sellcore); 276.3Khrs min. MIL-HDBK-217  out, rated current and 25°C of ambient temperature.  wisted pair-wire terminated with a 0.1uf & 47u on.  TATIC CHARACTERISTIC" sections for detail the driver may lead to increase of the set up t	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.		

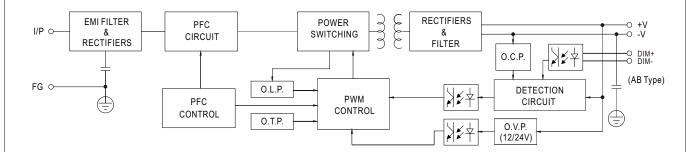
- 18. The driver is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. (as available on https://www.meanwell.com//Upload/PDF/EMI\_statement\_en.pdf)
  9. This series meets the typical life expectancy of >50,000 hours of operation when Tcase, particularly (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 benind 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.
- X Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx



#### ■ BLOCK DIAGRAM

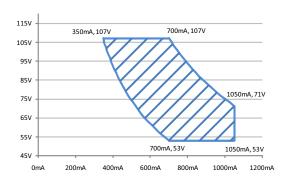
PFC fosc: 50~120KHz PWM fosc: 65KHz



#### ■ DRIVING METHODS OF LED MODULE

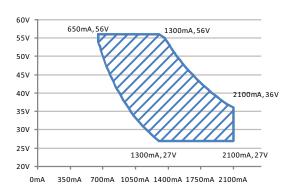
#### **%** I-V Operating Area

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Recommend Performance Region

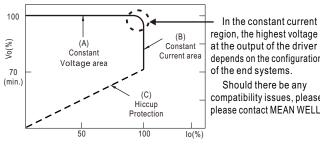
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Recommend Performance Region

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\* 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.



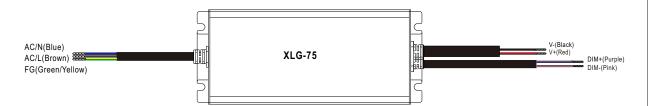
depends on the configuration of the end systems. Should there be any

compatibility issues, please please contact MEAN WELL.

Typical output current normalized by rated current (%)

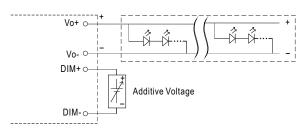


## **■ DIMMING OPERATION**

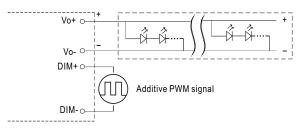


#### ※ 3 in 1 dimming function (for AB-Type)

- 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  $\mu$  A (typ.)

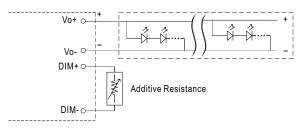


"DO NOT connect "DIM- to Vo-"

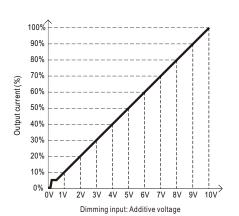


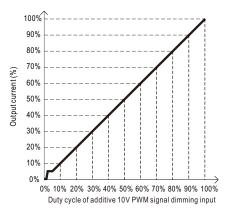
"DO NOT connect "DIM- to Vo-"

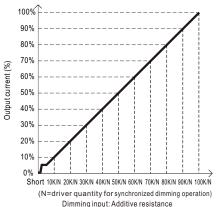
Applying additive resistance:



"DO NOT connect "DIM- to Vo-"





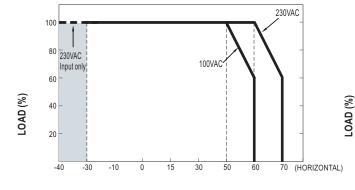


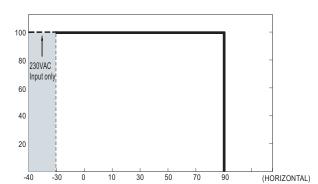
Note : 1. Min. dimming level is about 8% and the output current is not defined when 0% < Iout < 8%

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.



## ■ OUTPUT LOAD vs TEMPERATURE





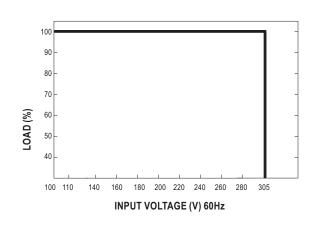
Tcase (°C)

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**

# STATIC CHARACTERISTIC

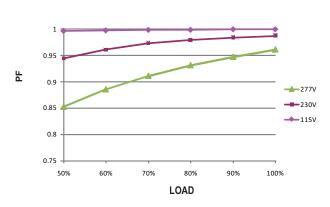


# **■ POWER FACTOR (PF) CHARACTERISTIC**

※ Tcase at 75°

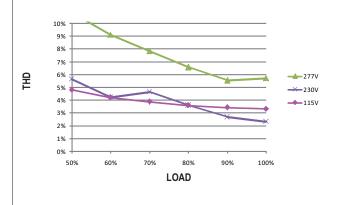
C

#### **Constant Current Mode**



# ■ TOTAL HARMONIC DISTORTION (THD)

# ※ XLG-75-L Model. Tcase at 75℃

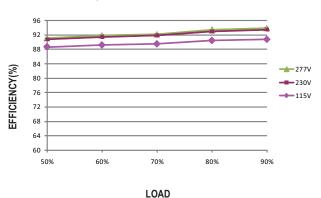


#### **■** EFFICIENCY vs LOAD

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

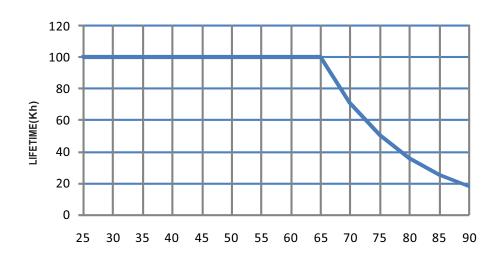
※ XLG-75-L Model, Tcase at 75°

C



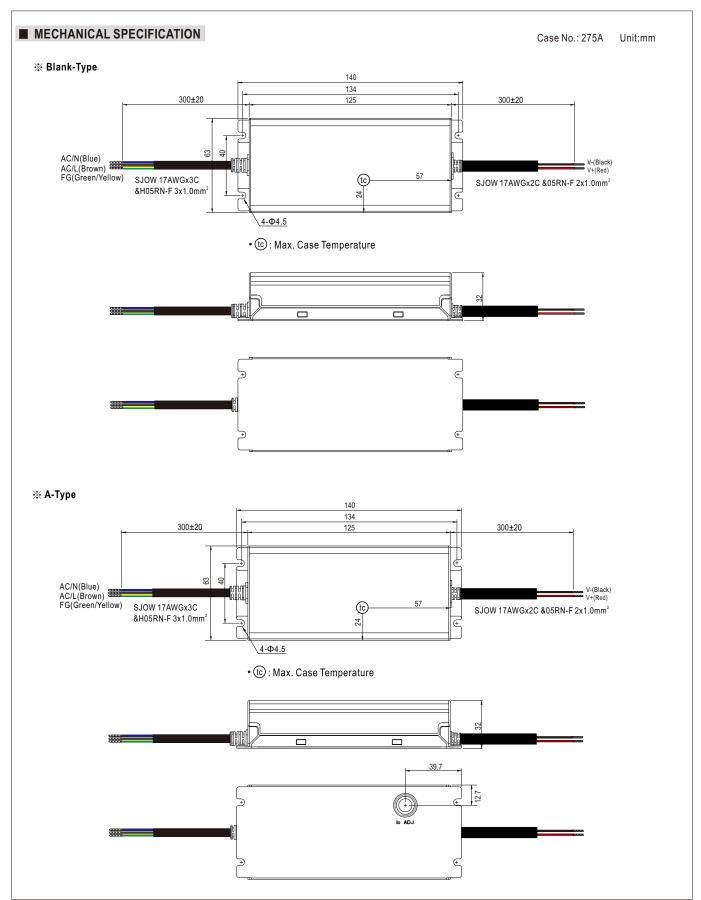


# ■ LIFE TIME



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





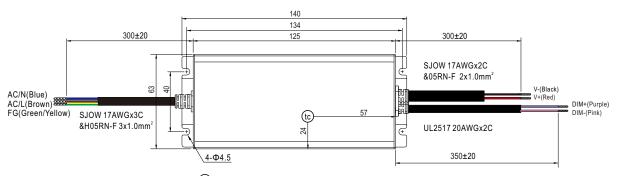
Unit:mm

Case No.: 275A

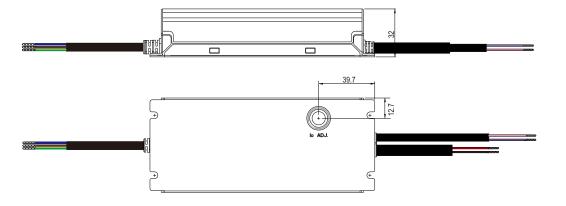


# ■ MECHANICAL SPECIFICATION

# ※ AB-Type



• (tc): Max. Case Temperature



# ■ Recommend Mounting Direction



## **■ INSTALLATION MANUAL**

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