



























### 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
- Surge protection with 6KV/4KV (10KV/6KV optional)
- 3 in 1 dimming function (Dim to off and Isolation design)
- India (EESL) version, can survive input voltage stress of 440Vac for 48 hours
- Protection functions: OVP/SCP/OCP/OTP
- Life time >50,000 hrs. and 5 years warranty

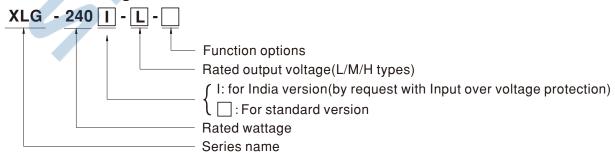
# Applications

- Skyscraper lighting
- Street lighting
- Floodlight Lighting
- Stage lighting
- Fishing lighting
- Horticulture lighting
- Bay lighting
- Type HL for use in class I, Division 2

# Description

XLG-240 series is a 240W LED AC/DC driver featuring the constant power mode. XLG-240 operates from 100~305 VAC and offers models with different rated current ranging between 700 mA and 6.66 A. Thanks to the high efficiency up to 93%, 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-240 is designed 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 with isolation to ensure the user and luminaire system safety during installation.

## Model Encoding



Type	Function	Note
Blank	Io and Vo fixed.(For harsh environment)	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

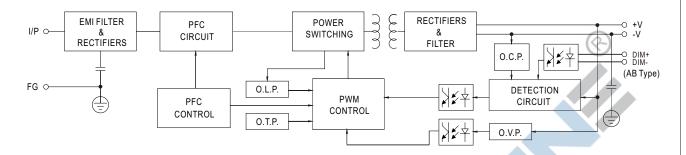
Note:India version needs MOQ for production, please consult MEANWELL for detail

# 240W Constant Power Mode LED Driver

SPECIFIC	ATION				
MODEL		XLG-240L	XLG-240 -M-	XLG-240 -H-	
	RATED CURRENT	700mA	1400mA	4900mA	
OUTPUT	RATED POWER	239.4W	239.4W	239.6W	
	CONSTANT CURRENT REGION Note.2	178~ 342V	90 ~171V	27 ~ 56V	
	FULL POWER CURRENT RANGE	700~1050mA	1400~2100mA	4280~6660mA	
	OPEN CIRCUIT VOLTAGE (max.)	370V	186V	60V	
	CURRENT ADJ. RANGE	Adjustable for A/AB-Type only (via the	built-in potentiometer)		
	CONNENT ADO. NANCE	350~1050mA	700~2100mA	2400~6660mA	
	CURRENT RIPPLE	5.0%(@ Load≥50% rated voltage)			
	CURRENT TOLERANCE	$\pm 4\%$			
	SET UP TIME Note.6	500ms/230VAC, 1200ms/115VAC			
	VOLTAGE RANGE Note.5	100 ~ 305VAC 142 ~ 431VDC			
	VOLTAGE RANGE Note.5	(Please refer to "STATIC CHARACTERISTIC" and "DRIVING METHODS OF LED MODULE"section)			
INPUT	FREQUENCY RANGE	47 ~ 63Hz			
	POWER FACTOR (Typ.)	PF≥0.97 / 115VAC, PF≥0.95 / 230VAC, PF≥0.92 / 277VAC at full load			
	POWER PACTOR (Typ.)	(Please refer to "Power Factor Characteristic" section)			
	TOTAL HARMONIC DISTORTION	THD<10% (@ load≥50% at 115VAC/230VAC,@load≥75% at 277VAC)			
	TOTAL HARMONIC DISTORTION	Please refer to "TOTAL HARMONIC DISTORTION (THD)" section			
	EFFICIENCY (Typ.)	93%	92.5%	91%	
	AC CURRENT (Typ.)	2.7A / 115VAC 1.3A / 230VAC	1.1A / 277VAC		
	INRUSH CURRENT(Typ.)	COLD START 85A(twidth=500µs measur	ed at 50% Ipeak) at 230VAC; Per NEMA 410		
	MAX. NO. of PSUs on 16A	2 unit(circuit breaker of type B) / 4 units(circuit breaker of type C) at 230VAC <0.75mA / 277VAC			
	CIRCUIT BREAKER				
	LEAKAGE CURRENT				
	STANDBY	Ot a relle	M.S. AD T (D)		
	POWER CONSUMPTION	Standby power consumption < 0.5	W for AB-Type(Dimming OFF)(for standard	d version)	
	SHORT CIRCUIT	Hiccup mode or constant current limiting, recovers automatically after fault condition is removed			
	J.IOINI GIROOII	380 ~ 450V 190~ 240V 61 ~ 85V			
	OVER VOLTAGE	Shut down output voltage, re-power on			
PROTECTION			•	tically after fault condition is removed)	
	INPUT OVER VOLTAGE Note.7	320 ~ 390VAC (Shut down output when the input exceeds protection voltage, recovers automatically after fault condition is removed)  Can survive input voltage stress of 440Vac for 48 hours @ tc 75°C max			
	OVER TEMPERATURE	Shut down output voltage, re-power of			
	WORKING TEMP.	Tcase=-40 ~ +90°C (Please refer to "Ol	JTPUT LOAD vs TEMPERATURE" section)		
	MAX. CASE TEMP.	Tcase=+90°C			
	WORKING HUMIDITY	20 ~ 95% RH non-condensing			
ENVIRONMENT	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 for 72min. each along X, Y, Z axes			
		LU 0750/4 #LU #\ 004 000 0 AL 050	40 40 ENEO DO ENJENO4047 4. DO ENJENO	1047 0 40 to demonstrate DO ENVENDODO4	
	SAFETY STANDARDS WITHSTAND VOLTAGE		71 77 11		
		GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved O/P-FG:1.5KVAC		
	WITHSTAND VOLTAGE	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved O/P-FG:1.5KVAC		
	WITHSTAND VOLTAGE	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved O/P-FG:1.5KVAC // 500VDC / 25°C / 70% RH	47-1,KC61347-2-13,IS15885(Part2/Sec13);  Test Level / Note	
	WITHSTAND VOLTAGE	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved O/P-FG:1.5KVAC // 500VDC / 25°C / 70% RH	47-1,KC61347-2-13,IS15885(Part2/Sec13)	
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved O/P-FG:1.5KVAC // 500VDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T17743	47-1,KC61347-2-13,IS15885(Part2/Sec13)	
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved O/P-FG:1.5KVAC // 500VDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN55015(CISPR15), GB/T17743	47-1,KC61347-2-13,IS15885(Part2/Sec13);   Test Level / Note   3	
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved O/P-FG:1.5KVAC J/500VDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN61000-3-2, GB/T17625.1	Test Level / Note   Class C @load≥50%	
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved O/P-FG:1.5KVAC J/500VDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN61000-3-2, GB/T17625.1	47-1,KC61347-2-13,IS15885(Part2/Sec13).    Test Level / Note	
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved O/P-FG:1.5KVAC J500VDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN61000-3-2, GB/T17625.1 BS EN/EN61000-3-3	Test Level / Note	
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved O/P-FG:1.5KVAC // 500VDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN61000-3-2, GB/T17625.1 BS EN/EN61000-3-3	Test Level / Note	
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved  O/P-FG:1.5KVAC  J500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  BS EN/EN61000-3-3	Test Level / Note   Class C @load≥50%   Cla	
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved  O/P-FG:1.5KVAC  J500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2  BS EN/EN61000-4-3	Test Level / Note	
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved  O/P-FG:1.5KVAC  // 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2  BS EN/EN61000-4-2  BS EN/EN61000-4-3  BS EN/EN61000-4-5  BS EN/EN61000-4-6	Test Level / Note  Test Level / Note  Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3  4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2	
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved  O/P-FG:1.5KVAC  J500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2  BS EN/EN61000-4-3  BS EN/EN61000-4-4  BS EN/EN61000-4-5	Test Level / Note	
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved  O/P-FG:1.5KVAC  // 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2  BS EN/EN61000-4-2  BS EN/EN61000-4-3  BS EN/EN61000-4-5  BS EN/EN61000-4-6	Test Level / Note  Test Level / Note  Class C @load≥50%   Test Level / Note  Level 3, 8KV air ; Level 2, 4KV contact  Level 2  Level 3  4KV/Line-Line 6KV/Line-Earth(6K/10K option)  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods	
SAFETY & EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  // 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15),GB/T17743; BS EN/EN650015(CISPR15),GB/T17743; BS EN/EN61000-3-2, GB/T17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8	Test Level / Note  Test Level / Note  Class C @load≥50%   Class C @load≥50%   Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4KV/Line-Line 6KV/Line-Earth(6K/10K option)  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  // 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15),GB/T17743; BS EN/EN650015(CISPR15),GB/T17743; BS EN/EN61000-3-2, GB/T17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8	Test Level / Note  Test Level / Note  Class C @load≥50%   Test Level / Note  Level 3, 8KV air ; Level 2, 4KV contact  Level 2  Level 3  4KV/Line-Line 6KV/Line-Earth(6K/10K option)  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION  EMC IMMUNITY  MTBF DIMENSION	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H)	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  // 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15),GB/T17743; BS EN/EN650015(CISPR15),GB/T17743; BS EN/EN61000-3-2, GB/T17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8	Test Level / Note  Test Level / Note  Class C @load≥50%  Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3  4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4  >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION PACKING	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  / 500VDC / 25℃ / 70% RH  Standard  BS EN/EN55015(CISPR15),GB/T17743 BS EN/EN61000-3-2, GB/T17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11  [Bellcore); 219.75K hrs min. MIL-HDBK	Test Level / Note  Test Level / Note  Class C @load≥50%  Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3  4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4  >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially m	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, rae	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  // 500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15),GB/T17743; BS EN/EN650015(CISPR15),GB/T17743; BS EN/EN61000-3-2, GB/T17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8	Test Level / Note  Test Level / Note  Class C @load≥50%   Class C @load≥50%   Level 3, 8KV air; Level 2, 4KV contact  Level 2  Level 3  4KV/Line-Line 6KV/Line-Earth(6K/10K option)  Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially m 2. Please refer to "DRIVING METH"	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, rations of the surge conducter.	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  / 500VDC / 25℃ / 70% RH  Standard  BS EN/EN55015(CISPR15),GB/T17743 BS EN/EN61000-3-2, GB/T17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11  [Bellcore); 219.75K hrs min. MIL-HDBK	Test Level / Note  Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25℃)	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially m 2. Please refer to "DRIVING MET" 3. Ripple & noise are measured at 4. Tolerance: includes set up toler	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, ra-10DS OF LED MODULE". 20MHz of bandwidth by using a 12" twisted rance, line regulation and load regulation.	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  //500VDC / 25℃ / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  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/EN61000-4-4  BS EN/EN61000-4-1  BS EN/EN61000-4-11  [Bellcore); 219.75K hrs min. MIL-HDBK]  ted current and 25℃ of ambient temperature.	Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25°C)	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially m 2. Please refer to "DRIVING MET" 3. Ripple & noise are measured at 4. Tolerance: includes set up toler 5. De-rating may be needed under	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, ra- codo High End of the State of	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  J500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2  BS EN/EN61000-4-2  BS EN/EN61000-4-5  BS EN/EN61000-4-6  BS EN/EN61000-4-8  BS EN/EN61000-4-8  BS EN/EN61000-4-11  Bellcore); 219.75K hrs min. MIL-HDBK	Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25°C)	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially m 2. Please refer to "DRIVING METH 3. Ripple & noise are measured at 4. Tolerance: includes set up toler 5. De-rating may be needed unde in short time, it may causes P	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, ra- HODS OF LED MODULE". 20MHz of bandwidth by using a 12" twisted- rance, line regulation and load regulation. Ir low input voltages. Please refer to "STATIC WM driver IC into protection status.	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  //500VDC / 25℃ / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  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/EN61000-4-4  BS EN/EN61000-4-1  BS EN/EN61000-4-11  [Bellcore); 219.75K hrs min. MIL-HDBK]  ted current and 25℃ of ambient temperature.	Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25°C)	
EMC (Note 8)	MITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially m 2. Pleases refer to "DRIVING METh 3. Ripple & noise are measured at 4. Tolerance : includes set up toler 5. De-rating may be needed unde in short time , it may causes P 6. Length of set up time is measu 7. Only for XLG-240 I series, and Is	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332/219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, radODS OF LED MOULE". 20MHz of bandwidth by using a 12" twisted rance, line regulation and load regulation. Ir low input voltages. Please refer to "STATIC WM driver IC into protection status. Ir ed at first cold start. Turning ON/OFF the deries without UL/CSA cerificate.	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  //500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  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/EN61000-4-1  BS EN/EN61000-4-1  BS EN/EN61000-4-11  (Bellcore); 219.75K hrs min. MIL-HDBK  ted current and 25°C of ambient temperature.  It pair-wire terminated with a 0.1uf & 47uf parallel cap  C CHARACTERISTIC" sections for details.If continuativer may lead to increase of the set up time	Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level 3, 8KV air; Level 2, 4KV contact Level 3  4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4  >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25°C)	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially m 2. Please refer to "DRIVING METH 3. Ripple & noise are measured at 4. Tolerance: includes set up toler 5. De-rating may be needed under in short time, it may causes P 6. Length of set up time is measur 7. Only for XLG-240 I series, and Is 8. The driver is considered as a considered as	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, ra ICDS OF LED MODULE*. 20MFL of bandwidth by using a 12" twisted cance, line regulation and load regulation. Ir low input voltages. Please refer to "STATIC WM driver IC into protection status. red at first cold start. Turning ONOFF the diseries without UL/CSA certificate. Imponent that will be operated in combination	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  J/500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2  BS EN/EN61000-4-2  BS EN/EN61000-4-3  BS EN/EN61000-4-6  BS EN/EN61000-4-6  BS EN/EN61000-4-8  BS EN/EN61000-4-8  BS EN/EN61000-4-8  C CHARACTERISTIC" sections for details. If continuative may lead to increase of the set up time  on with final equipment. Since EMC performance will	Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level 3, 8KV air; Level 2, 4KV contact Level 3  4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4  >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25°C)	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially m 2. Please refer to "DRIVING METH 3. Ripple & noise are measured at 4. Tolerance: includes set up toler 5. De-rating may be needed unde in short time, it may causes P 6. Length of set up time is measur 7. Only for XLG-240 I series, and Is 8. The driver is considered as a complete installation, the final ecomplete installation is a series of the complete installation, the final ecomplete installation, the final ecomplete installation is a second in the complete installation in the complete installation, the final ecomplete installation is a second in the complete installation in the complete installation, the final ecomplete installation is a second in the complete installation in the complete installation is a second in the complete installation in the complete installation is a second in the complete installation in the co	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, ra- HODS OF LED MODULE". 20MHz of bandwidth by using a 12" twisted rance, line regulation and load regulation. Ir low input voltages. Please refer to "STATIC WM driver IC into protection status. In the state of the	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved  O/P-FG:1.5KVAC  J500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN65015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  BS EN/EN61000-4-2  BS EN/EN61000-4-3  BS EN/EN61000-4-5  BS EN/EN61000-4-6  BS EN/EN61000-4-6  BS EN/EN61000-4-8  BS EN/EN61000-4-8  BS EN/EN61000-4-8  COHARACTERISTIC" sections for details. If continuative may lead to increase of the set up time on with final equipment. Since EMC performance will convenience on the complete installation again.	Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25°C)  pacitor.  ally operate with AC on/off	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  EMC EMISSION  MTBF  DIMENSION  PACKING  1. All parameters NOT specially m 2. Please refer to "DRIVING METH 3. Ripple & noise are measured at 4. Tolerance : includes set up toler in short time , it may causes P 6. Length of set up time is measu 7. Only for XLG-240 I series, and Is 8. The driver is considered as a complete installation, the final ed 9. This series meets the typical life 9. This series meets the typical life	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, ra- HODS OF LED MODULE". 20MHz of bandwidth by using a 12" twisted rance, line regulation and load regulation. Ir low input voltages. Please refer to "STATIC WM driver IC into protection status. In the state of the	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved  O/P-FG:1.5KVAC  J/500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN65015(CISPR15), GB/T17743 BS EN/EN61000-3-2, GB/T17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11  [Bellcore); 219.75K hrs min. MIL-HDBK  ted current and 25°C of ambient temperature.  It pair-wire terminated with a 0.1uf & 47uf parallel cap C CHARACTERISTIC" sections for details. If continue triver may lead to increase of the set up time on with final equipment. Since EMC performance will C Directive on the complete installation again. when Tcase, particularly (© point (or TMP, per DLC)	Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25°C)  pacitor.  ally operate with AC on/off	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially m 2. Please refer to "DRIVING MET" 3. Ripple & noise are measured at 4. Tolerance: includes set up toler 5. De-rating may be needed under in short time, it may causes P 6. Length of set up time is measured. Tolerance: includes set up toler 5. De-rating may be needed under in short time, it may causes P 6. Length of set up time is measured. To only for XLG-240 I series, and Is 8. The driver is considered as a complete installation, the final are 9. This series meets the typical life 10. Please refer to the warranty state. To fulfill requirements of the late.	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, ra dODS of LED MODULE*. 20MHz of bandwidth by using a 12" twisted cance, line regulation and load regulation. In low input voltages. Please refer to "STATIC WM driver IC into protection status. red at first cold start. Turning ON/OFF the diseries without UL/CSA certificate. Imponent that will be operated in combinational pulpment manufacturers must re-qualify EMC expectancy of >50,000 hours of operation of MEAN WELL's website at http://test ErP regulation for lighting fixtures, this Litest ErP regulation for lighting fixtures.	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved  O/P-FG:1.5KVAC  J/500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN650015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2  BS EN/EN61000-4-3  BS EN/EN61000-4-5  BS EN/EN61000-4-6  BS EN/EN61000-4-6  BS EN/EN61000-4-1  BS EN/EN61000-4-1  BS EN/EN61000-4-1  GEBlicore); 219.75K hrs min. MIL-HDBK  Application of the set up time on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment since EMC performance will come on with final equipment. Since EMC performance will come on with final equipment since EMC performance will come on with final equipment since EMC performance will si	Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level 3, 8KV air; Level 2, 4KV contact Level 3  4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 3  4KV/Line-Line 5KV/Line-Earth(6K/10K option) Level 2  Level 4  >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25°C)  Deacitor.  Paramanently operate with AC on/off  be affected by the  In is about 75°C or less.  permanently connected to the mains.	
EMC (Note 8)	WITHSTAND VOLTAGE ISOLATION RESISTANCE  EMC EMISSION  MTBF DIMENSION  PACKING  1. All parameters NOT specially m 2. Please refer to "DRIVING METH 3. Ripple & noise are measured at 4. Tolerance: includes set up toler 5. De-rating may be needed unde in short time, it may causes P 6. Length of set up time is measur 7. Only for XLG-240 I series, and is 8. The driver is considered as a complete installation, the final ed 9. This series meets the typical life 10. Please refer to the warranty st 11. To fulfill requirements of the lat 12. The ambient temperature dera	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, ra- HODS OF LED MODULE". 20MHz of bandwidth by using a 12" twisted cance, line regulation and load regulation. Ir low input voltages. Please refer to "STATIC WM driver IC into protection status. In the state of the	004; J61347-1(H29), J61347-2-13(H29), KC613 type); IP67 approved  O/P-FG:1.5KVAC  J500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743  BS EN/EN650015(CISPR15), GB/T17743  BS EN/EN61000-3-2, GB/T17625.1  BS EN/EN61000-4-2  BS EN/EN61000-4-3  BS EN/EN61000-4-5  BS EN/EN61000-4-6  BS EN/EN61000-4-6  BS EN/EN61000-4-8  BS EN/EN61000-4-8  COHARACTERISTIC" sections for details. If continual river may lead to increase of the set up time on with final equipment. Since EMC performance will continual river may lead to increase of the set up time on with final equipment. Since EMC performance will continual river may lead to increase of the set up time on with final equipment. Since EMC performance will continual river may lead to increase of the set up time on with final equipment. Since EMC performance will continual river may lead to increase of the set up time on with final equipment. Since EMC performance will continual river may lead to increase of the set up time on with final equipment. Since EMC performance will continually (continually (co	Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25°C)  pacitor.  ally operate with AC on/off  be affected by the  a is about 75°C or less.  permanently connected to the mains.  a higher than 2000m(6500ft).	
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EMC (Note 8)	MTBF DIMENSION  MTBF DIMENSION  1. All parameters NOT specially m 2. Please refer to "DRIVING MET- 3. Ripple & noise are measured at 4. Tolerance : includes set up toler 5. De-rating may be needed unde in short time, it may causes P 6. Length of set up time is measured. The driver is considered as a complete installation, the final er 9. This series meets the typical life 10. Please refer to the warranty str 11. To fulfill requirements of the lat 12. The ambient temperature det 12. The ambient temperature day. 14. For any application note and If https://www.meanwell.com/Upi 15. When the current adjustment is fel. It may has an over-shoot statu. 17. If you need the NOM (Mexico)	GB19510.1, GB19510.14;EAC TP TC NOM-058-SCFI-2017(except for Blank I/P-O/P:3.75KVAC I/P-FG:2KVAC I/P-O/P, I/P-FG, O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 830.77K hrs min. Telcordia SR-332(219*63*35.5mm (L*W*H) 1Kg;16pcs / 16Kg / 0.77CUFT entioned are measured at 230VAC input, ra I/ODS OF LED MODULE*. 20MHz of bandwidth by using a 12* twisted cance, line regulation and load regulation. In ow input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the operated in combination and the operation of the incombination of the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the operated in combination at the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the incombination of the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the into in the input voltages. Please refer to "STATIC WM driver IC into protection status. For a trip in the into in the	004; J61347-1(H29), J61347-2-13(H29),KC613 type);IP67 approved  O/P-FG:1.5KVAC  J/500VDC / 25°C / 70% RH  Standard  BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN55015(CISPR15), GB/T17743 BS EN/EN61000-3-2, GB/T17625.1 BS EN/EN61000-3-3  Standard  BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-1  BS EN/EN61000-4-1  BS EN/EN61000-4-8  BS EN/EN61000-4-10  C CHARACTERISTIC" sections for details. If continuativer may lead to increase of the set up time on with final equipment. Since EMC performance will continuativer may lead to increase of the set up time on with final equipment. Since EMC performance will continuativer may lead to increase of the set up time on with final equipment. Since EMC performance will continuativer may lead to increase of the set up time on with final equipment. Since EMC performance will continuativer may lead to increase of the set up time on with final equipment. Since EMC performance will continuativer may lead to increase of the set up time on with final equipment. Since EMC performance will continuativer may lead to increase of the set up time on with final equipment. Since EMC performance will continuativer may lead to increase of the set up time on with final equipment. Since EMC performance will continuative may lead to increase of the set up time on with final equipment. Since EMC performance will continuative may lead to increase of the set up time on with final equipment. Since EMC performance will continuative may lead to increase of the set up time on with final equipment. Since EMC performance will continuate may lead to increase of the set up time on with final equipment. Since EMC performance will continuate may lead to increase of the set up time on with final equipment. Since EMC performance will continuate may lead to increase of the set up time on the set up time	Test Level / Note  Test Level / Note  Class C @load≥50%  Test Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth(6K/10K option) Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods -217F (25°C)  pacitor.  ally operate with AC on/off  be affected by the  a is about 75°C or less.  permanently connected to the mains.  a higher than 2000m(6500ft).	

### ■ BLOCK DIAGRAM

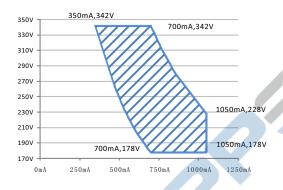
PFC fosc: 50~120KHz PWM fosc: 60~130KHz



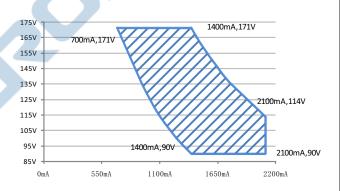
### ■ DRIVING METHODS OF LED MODULE

#### ¾ I-V Operating Area

#### 



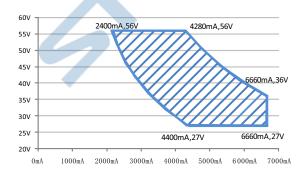
### 



#### Recommend Performance Region

Recommend Performance Region

### 



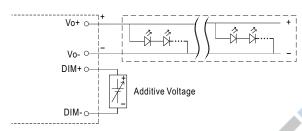
Recommend Performance Region

### **■ DIMMING OPERATION**



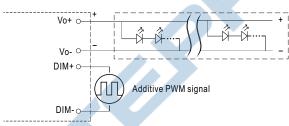
#### imes 3 in 1 dimming function (for AB-Type)

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



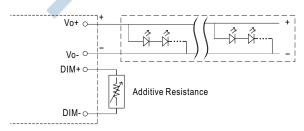
"DO NOT connect "DIM- to Vo-"

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

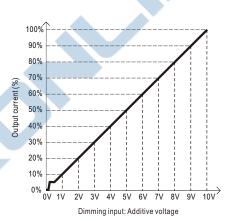


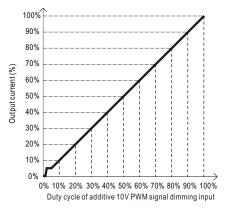
"DO NOT connect "DIM- to Vo-"

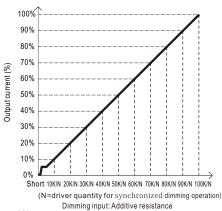
Applying additive resistance:



"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  $0k\Omega$  or 0Vdc, or 10V PWM signal with 0% duty cycle.
- 3. When PWM frequency >2K HZ , the lighting will be triggered at  $10\sim15\%$  PWM duty

50%

60%

70%

80%

LOAD

90%

100%

50%

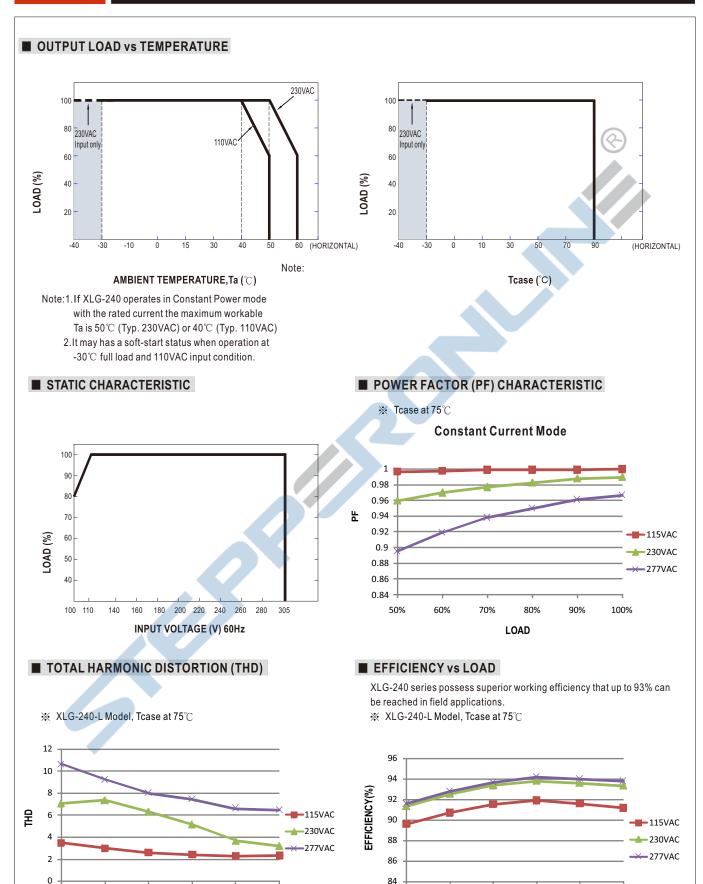
60%

70%

LOAD

80%

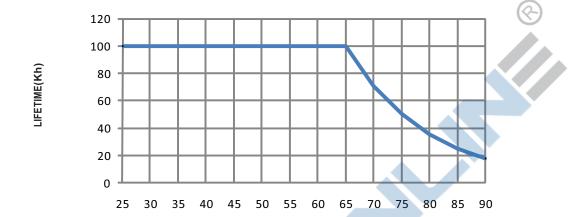
90%



100%



# **■** LIFE TIME



Tcase(°℃)



