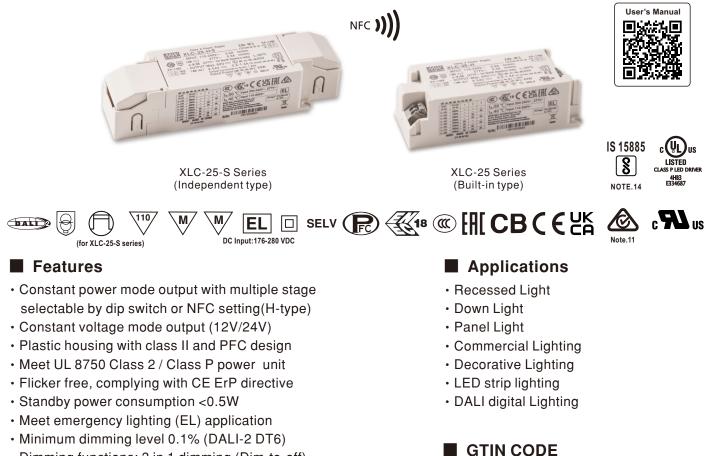


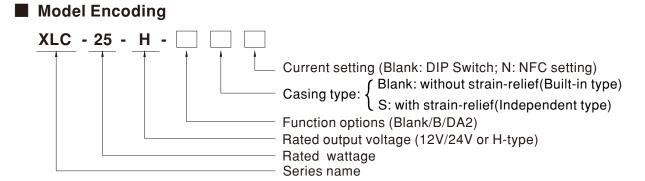
MW Search: https://www.meanwell.com/serviceGTIN.aspx



- Dimming functions: 3 in 1 dimming (Dim-to-off) DALI-2 + Push dimming
- 5 years warranty

## Description

XLC-25 Series is a 25W with constant power and constant voltage output LED driver . It can operate from 100~305VAC and output current ranging between 300 mA to 1050 mA selectable by dip switch or NFC setting. Thanks to high efficiency up to 88%, it is able to operate for  $-25^{\circ}$ C ~85 $^{\circ}$ C case temperature under free air convection. XLC-25 is designed based on latest safety regulations with 3 in 1 and DALI-2 dimming. XLC-25 can also be adjusted for brightness with a push button as a simple way dimming, so it provides more flexibility for LED Lighting application.



Туре	Function	Note
Blank	H type output current selectable by DIP-switch or NFC setting	
	12, 24V Constant voltage output	
В	H type output current selectable by DIP-switch or NFC with 3 in 1 dimming	In stock
DA2	H type output current selectable by DIP-switch or NFC with DALI-2 dimming	

Note: 1. 12V/24V without dimming function.

2. NFC current setting is available for XLC-25-H type only.



## SPECIFICATION

MODEL		XLC-25-12-	XLC-25-24-				
	RATED VOLTAGE	12V	24V				
	RATED CURRENT	2.1A	1.05A				
OUTPUT	RATED POWER Note.2	25.2W	25.2W				
	RIPPLE & NOISE (max.) Note.3	120mVp-p	240mVp-p				
OUTPUT	VOLTAGE TOLERANCE Note.4	±4.0%	,				
	LINE REGULATION	+0.5%					
	LOAD REGULATION	±2.0%					
	SETUP, RISE TIME Note.5	500ms, 100ms/230VAC, 1000ms, 100	ms/115VAC				
	VOLTAGE RANGE	100 ~ 305VAC 141 ~ 400VDC					
	FREQUENCY RANGE	47 ~ 63Hz					
	POWER FACTOR	PF≧0.97/115VAC, PF≧0.95/230VAC, PF≧0.92/277VAC@full load (Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)					
	TOTAL HARMONIC DISTORTION	THD<10%(@load≥50%/230VAC; @load≥75%/277VAC), THD<15%(@load≥50%/115VAC) (Please refer to "TOTAL HARMONIC DISTORTION(THD)" section)					
INPUT	EFFICIENCY (Typ.)	86% 88%					
	AC CURRENT	0.35A/115VAC 0.18A/230VAC 0.15A/277VAC					
	INRUSH CURRENT(Typ.)	COLD START 10A(twidth=100µs measured at 50% lpeak) at 230VAC; Per NEMA 410					
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	71 units (circuit breaker of type B) / 71 units (circuit breaker of type C) at 230VAC					
	LEAKAGE CURRENT	<0.75mA/277VAC					
		105 ~ 220% rated output power					
	OVER LOAD		s automatically after fault condition is removed	1			
	SHORT CIRCUIT	Protection type:Hiccup mode , recovers automatically after fault condition is removed Hiccup mode, recovers automatically after fault condition is removed					
ROTECTION		Hiccup mode, recovers automatically after fault condition is removed 13 ~ 16V 26 ~ 32V					
	OVER VOLTAGE	Shut down and latch off o/p voltage, re-					
	OVER TEMPERATURE		tomatically after fault condition is removed				
	WORKING TEMP.	1 0 /	JTPUT LOAD vs TEMPERATURE" section)				
	MAX. CASE TEMP.						
		Tcase=85℃ 20 ~ 90% RH non-condensing					
NVIRONMENT	STORAGE TEMP., HUMIDITY	-40 ~ +80°C , 10 ~ 95% RH					
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)					
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes					
	TORATION						
	SAFETY STANDARDS	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13(EL) appendix J suitable for emergency installations(DC input 176-280VDC); BS EN/EN62384 independent, BIS IS15885(Part2/Sec13)(NOTE 14), GB/T19510.1, GB/T19510.213, EAC TP TC 004, UL8750(Class P); CSA C22.2 No. 250.13-12 approved; Design refer to AS/NZS 61347-1, AS/NZS 61347-2-13					
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC					
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°	C/70% RH				
		Parameter	Standard	Test Level/Note			
		Conducted	BS EN/EN55015(CISPR15), GB/T 17	743			
	EMC EMISSION	Radiated	BS EN/EN55015(CISPR15), GB/T 17	743			
		Harmonic Current	BS EN/EN61000-3-2 , GB17625.1	Class C @load≥50%			
SAFETY &		Voltage Flicker	BS EN/EN61000-3-3				
EMC		BS EN/EN61547	DO ENCINOTODO D D				
			Standard	Toot Love //Noto			
		Parameter	Standard	Test Level/Note			
		ESD	BS EN/EN61000-4-2	Level 3, 8KV air ; Level 2, 4KV contac			
		Radiated	BS EN/EN61000-4-3	Level 2			
	EMC IMMUNITY	EFT/Burst	BS EN/EN61000-4-4	Level 2			
		Surge	BS EN/EN61000-4-5	Level 3, 1KV/Line-Line			
		Conducted	BS EN/EN61000-4-6	Level 2			
		Magnetic Field	BS EN/EN61000-4-8	Level 2			
		Voltage Dips and Interruptions	BS EN/EN61000-4-11	70% residual voltage for 10 period, 0% residual voltage for 0.5 periods			
	FLICKER Note.6	PstLM ≤ 1, SVM ≤ 0.4					
	MTBF	3949.8 K hrs min. Telcordia SR-332 (Bellcore) ; 338.5 Khrs min. MIL-HDBK-217F (25℃)					
OTHERS	DIMENSION	147*40*32mm,107*40*32mm (L*W*H)					
	PACKING	141.6g; 60pcs/8.4Kg/0.58CUFT(for blank type); 160g; 50pcs/8.1Kg/0.57CUFT(for S-type)					
NOTE	<ol> <li>De-rating may be need under 3. Ripple &amp; noise are measure 4. Tolerance: includes set up to 5. Length of set up time is mea 6. Flicker is measured at full lo 7. To fulfill requirement of the la 8. The driver is considered as a installation, the final equipment (as available on https://www. 9. The ambient temperature de 10. This series meets the typic 11. For XLC(except -S) series: For XLC-S series: RCM is</li> </ol>	sially mentioned are measured at 230VAC input, rated current and 25℃ of ambient temperature. Inder low input voltages. Please refer to "STATIC CHARACTERISTIC" sections for details. Fured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. If p tolerance, line regulation and load regulation. measured at first cold start. Turning ON/OFF the driver may lead to increase of the set up time. Il load with the light source provided by MEAN WELL. the latest ErP regulation for lighting fixtures, this LED driver can only be used behind a switch without permanently connected to the mains. as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete pment manufacturers must re-qualify EMC Directive on the complete installation again. ww.meanwell.com//Upload/PDF/EMI_statement_en.pdf) d de-rating of 3.5℃/1000m with fanless models and 5℃/1000m with fan models for operating altitude higher than 2000m(6500ft). <i>tp</i> ical life expectancy of >50,000 hours of operation when Tcase, particularly (b) point (or TMP, per DLC), is about 70℃ or less. es: RCM is on a voluntary basis and meets relevant IEC or AS/NZS standards complying with AS/NZS 4417.1. It is on a voluntary basis. Non IC classification Independent LED control gear is not suitable for residential installations. the Americas regions may not have the CCC/PSE/BIS/KC logo. Please contact your MEAN WELL sales for more information. lease contact with MEAN WELL sales. the China regions and some models sourced from India may not have the BIS logo,please refer to BIS certificate for details and ELL sales for more information.					

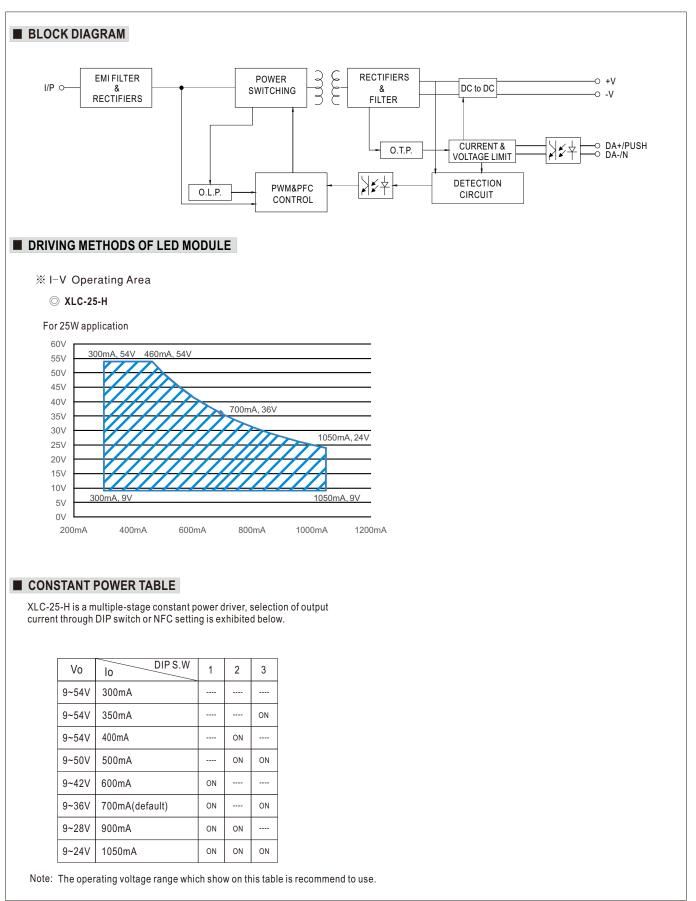


### SPECIFICATION

UDUTPUTH         UDEFA (URF (BY) CONS REGIN (BY) CONS REGIN (BY) CONS REGIN (CURF DIMM SETU FREQ POWE FREQ POWE FREQ (CURF (CURF FREQ POWE FREQ FREQ FREQ (CURF	DLTAGE RANGE REQUENCY RANGE DWER FACTOR	XLC-25-H-						
UDUTPUTH         UDEFA (URF (BY) CONS REGIN (BY) CONS REGIN (BY) CONS REGIN (CURF DIMM SETU FREQ POWE FREQ POWE FREQ (CURF (CURF FREQ POWE FREQ FREQ FREQ (CURF	DLTAGE Note.2 EFAULT CURRENT URRENT ADJ.RANGE Y DIP SWITCH OR NFC) DNSTANT CURRENT EGION Note.3 ATED POWER Note.4 URRENT RIPPLE URRENT TOLERANCE MMING RANGE ETUP, RISE TIME Note.5,6 DLTAGE RANGE REQUENCY RANGE DWER FACTOR	700mA 0.3~1.05A 9~54V 25W <4% ±5% 0~100% 500ms, 100ms/230VAC, 1000ms, 100						
OUTPUT OU	URRENT ADJ.RANGE Y DIP SWITCH OR NFC) DNSTANT CURRENT EGION Note.3 ATED POWER Note.4 URRENT RIPPLE URRENT TOLERANCE MMING RANGE ETUP, RISE TIME Note.5,6 DLTAGE RANGE REQUENCY RANGE DWER FACTOR	0.3~1.05A 9~54V 25W <4% ±5% 0~100% 500ms, 100ms/230VAC, 1000ms, 100						
OUTPUT         CONS REGIU RATE CURR CURR DIMM SETU           INPUT         FREQ POWE TOTAL           INPUT         EFFIC AC CI INRUS MAX. CIRCI AC CI INRUS MAX. CIRCI AC CI INRUS MAX. CIRCI AC CI INRUS MAX. CIRCI AC CI INRUS MAX. CIRCI AC CI INRUS MAX. CIRCI AC CI INRUS MAX. VORI EMC INFORMENT           POWE FILCH INRUS MAX. CIRCI AC CI INRUS MAX. VORI EMC INFORMENT         SAFE INFORMENT           SAFETY & EMC         SAFE INCI INTER EMC I           SAFETY & EMC         EMC I           OTHERS         FLICH INTER	ONSTANT CURRENT EGION Note.3 ATED POWER Note.4 URRENT RIPPLE URRENT TOLERANCE MMING RANGE ETUP, RISE TIME Note.5,6 DLTAGE RANGE REQUENCY RANGE DWER FACTOR	9~54V 25W <4% ±5% 0~100% 500ms, 100ms/230VAC, 1000ms, 100						
RATE           CURF           CURF           DIMM           SETU           VOLT.           FREQ           POWE           TOTAL           INPUT           EFFIC           AC CI           INRUS           MAX.           PROTECTION           OVER           PROTECTION           INVIRONMENT           SAFETY&           ENVIRONMENT           SAFETY&           EMC           MAX.           WORI           SAFETY&           EMC           EMC           EMC           EMC           EMC           EMC           EMC           EMC	ATED POWER Note.4 URRENT RIPPLE URRENT TOLERANCE MMING RANGE ETUP, RISE TIME Note.5,6 DLTAGE RANGE REQUENCY RANGE DWER FACTOR	<4% ±5% 0~100% 500ms, 100ms/230VAC, 1000ms, 100						
CURF           CURF           DIMM           SETU           VOLT.           FREQ           POWE           TOTAL           INPUT           EFFIC           AC CI           INRUS           PROTECTION           PROTECTION           PROTECTION           INVIRONMENT           SAFETY&           ENVIRONMENT           SAFETY&           SAFETY&           EMC           MAX.           WORI           SAFETY&           SAFETY&           EMC           MUTH           SAFETY	URRENT RIPPLE URRENT TOLERANCE MMING RANGE ETUP, RISE TIME Note.5,6 DLTAGE RANGE REQUENCY RANGE DWER FACTOR	<4% ±5% 0~100% 500ms, 100ms/230VAC, 1000ms, 100						
INPUT         EFFIC FREQ POWE           INPUT         EFFIC AC CI AC CI CIRCI AC CI CIRCI AC CI CIRCI AC CI AC CI	URRENT TOLERANCE MMING RANGE ETUP, RISE TIME Note.5,6 DITAGE RANGE REQUENCY RANGE DWER FACTOR	0~100% 500ms, 100ms/230VAC, 1000ms, 100						
SETU           VOLT.           FREQ           POWE           TOTAL           EFFIC           ACCU           INPUT           EFFIC           ACCU           INPUT           EFFIC           ACCU           INUE           PROTECTION           WORI           INVIRONMENT           SAFETY &           SAFETY &           EMC           MAX.           WITH           SAFETY &           EMC           EMC           FEMC           EMC           MUTH           SOLA           WITH           SOLA <tr< td=""><td>ETUP, RISE TIME Note.5,6 DLTAGE RANGE REQUENCY RANGE DWER FACTOR</td><td>500ms, 100ms/230VAC, 1000ms, 100</td><td></td><td colspan="5"></td></tr<>	ETUP, RISE TIME Note.5,6 DLTAGE RANGE REQUENCY RANGE DWER FACTOR	500ms, 100ms/230VAC, 1000ms, 100						
INPUT EFFIC INPUT EFFIC AC CI INRUS MAX. CIRCU POWE TOTAL EFFIC AC CI INRUS MAX. CIRCU EAC STAN CONS PROTECTION PROTECTION PROTECTION INVIRONMENT SAFETY & EMC I ISOLA EMC I EMC I CIRCU ISOLA EMC I ISOLA EMC I ISOLA EMC I ISOLA EMC I ISOLA I	DLTAGE RANGE REQUENCY RANGE DWER FACTOR							
INPUT EFFEQ INPUT EFFIC AC CI INRUS MAX. CIRCI CONS PROTECTION PROTECTION PROTECTION PROTECTION PROTECTION INVIRONMENT SAFETY & SAFE ISOL7 EMC I MAX. WITH SAFETY & EMC I CIRCI CI	REQUENCY RANGE	100~ 305VAC 141~ 400VDC	ms/115VAC					
INPUT EFFIC AC CI INRUS MAX. CIRCU ELEAK STAN CONS PROTECTION PROTECTION INVIRONMENT SAFETY & EMC SAFETY & EMC EMC TEMP VIBR SAFETY & EMC ISOL/ EMC I	OWER FACTOR							
INPUT IN		47 ~ 63Hz PF≥0.97/115VAC, PF≥0.95/230VAC, PF≥0.92/277VAC@full load						
INPUT EFFIC AC CI AC CI INRUS MAX. IEAK STAN CONS PROTECTION PROTECTION PROTECTION PROTECTION PROTECTION PROTECTION PROTECTION IMPLICATION SAFETY& SAFETY& EMC I ISOLA EMC I ISOLA EMC I ISOLA EMC I		(Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)						
AC CI INRUS MAX. CIRCI LEAK STAN CONS PROTECTION OVER MAX. WORI MAX. WITH EMC I EMC I EMC I	TAL HARMONIC DISTORTION	THD<10%(@load≥50%/230VAC; @load≥75%/277VAC), THD<15%(@load≥50%/115VAC) (Please refer to "TOTAL HARMONIC DISTORTION(THD)" section)						
AC CI INRUS MAX. CIRCI LEAK STAN CONS PROTECTION OVER MAX. WORI MAX. WITH EMC I EMC I EMC I EMC I EMC I EMC I	FICIENCY (Typ.) Note.7	(Please relet to TOTAL HARMONIC DISTORTION(THD) section) 88%						
NVIRONMENT SAFETY & EMC I SAFETY & EMC I	C CURRENT	0.35A / 115VAC 0.18A / 230VAC 0.15A/277VAC						
CIRCI LEAK STAN CONS PROTECTION PROTECTION OVER MAX. WORI MAX. WORI MAX. WORI SAFET VIBR/ DALI WITH SAFETY& EMC EMC EMC EMC I	RUSH CURRENT(Typ.)	COLD START 10A(twidth=100µs measured at 50% Ipeak) at 230VAC; Per NEMA 410						
EMC I SAFETY & EMC I SAFETY & EMC I SAFETY & EMC I SAFETY & EMC I CONSTRUCTION	AX. No. of PSUs on 16A	71 units (circuit breaker of type B) / 71 units (circuit breaker of type C) at 230VAC						
SAFETY & SAFE PROTECTION PROTECTION PROTECTION PROTECTION ENVIRONMENT SAFETY & SAFE PALLI SAFETY & SAFE DALLI WITH SAFETY & SAFE PALLI EMC I EMC I EMC I EMC I								
CONS PROTECTION PROTECTION PROTECTION INVIRONMENT SAFETY& EMC EMC EMC EMC EMC EMC EMC EMC EMC EMC		<0.75mA/277VAC						
OTHERS	TANDBY POWER ONSUMPTION Note.8	Standby power consumption<0.5W(Dim	iming off)					
PROTECTION OVER WORI MAX. WORI SAFETY SAFETY & SAFE DALI WITH SAFETY & ISOLA EMC EMC EMC EMC I EMC I	HORT CIRCUIT	Hiccup mode, recovers automatically af	ter fault condition is removed					
ENVIRONMENT STOR ENVIRONMENT STOR ENVIRONMENT STOR SAFETY & SAFE DALI : WITH SAFETY & ISOLA EMC I EMC I EMC I TEMP OTHERS	VER TEMPERATURE	Blank & B type: De-rating to lowest ou	tput level. Recovers automatically after fault cond					
ENVIRONMENT STOR TEMP VIBRJ SAFETY& SAFE SAFETY& ISOL/ EMC EMC I EMC I EMC I	-		ading; Stage 2: De-rating to 50% loading. Recovers	automatically after fault condition is removed				
ENVIRONMENT ENVIRONMENT SAFETY& SAFETY& EMC EMC EMC I EMC I EMC I EMC I EMC I EMC I EMC I EMC I	ORKING TEMP.	Tcase=-25 ~ 85℃ (Please refer to " OUTPUT LOAD vs TEMPERATURE" section)						
ENVIRONMENT STOR TEMP VIBR/ SAFETY & SAFE DALI : WITH ISOL/ EMC I EMC I EMC I EMC I	AX. CASE TEMP. ORKING HUMIDITY	Tcase=85°C						
TEMP VIBR, SAFETY& EMC EMC EMC I EMC I EMC I EMC I EMC I EMC I	FORAGE TEMP., HUMIDITY	20 ~ 90% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH						
SAFETY & SAFE SAFETY & ISOL/ EMC EMC I EMC I EMC I EMC I EMC I	EMP. COEFFICIENT	±0.03%/°C (0~50°C)						
AFETY & DALI : WITH SAFETY & ISOLA EMC I EMC I EMC I EMC I EMC I EMC I	BRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes						
SAFETY & WITH EMC I EMC I EMC I EMC I EMC I EMC I EMC I EMC I I I I I I I I I I I I I I I I I I I	AFETY STANDARDS	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13(EL) appendix J suitable for emergency installations(DC input 176-280VDC); BS EN/EN62384 independent, BIS IS15885(Part2/Sec13)(NOTE 14), GB/T19510.1, GB/T19510.213, EAC TP TC 004, UL8750(Class P); CSA C22.2 No. 250.13-12 approved; Design refer to AS/NZS 61347-1, AS/NZS 61347-2-13						
SAFETY & ISOLA EMC EMC I EMC I EMC I EMC I EMC I EMC I EMC I	ALI STANDARDS	Comply with IEC62386-101,102,207						
EMC I EMC I EMC I EMC I EMC I EMC I	ITHSTAND VOLTAGE	I/P-O/P:3.75KVAC						
EMC I EMC I EMC I EMC I EMC I	OLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C		T				
EMC I EMC I ELICH OTHERS DIMEI		Parameter Conducted	Standard BS EN/EN55015(CISPR15),GB/T 17743	Test Level/Note				
OTHERS DIME	MC EMISSION	Radiated	BS EN/EN55015(CISPR15),GB/T 17743					
OTHERS DIME		Harmonic Current	BS EN/EN61000-3-2, GB17625.1	Class C @load≥50%				
OTHERS DIMEI		Voltage Flicker	BS EN/EN61000-3-3					
OTHERS DIMEI		BS EN/EN61547						
OTHERS DIMEI		Parameter	Standard	Test Level/Note				
OTHERS DIME		ESD	BS EN/EN61000-4-2	Level 3, 8KV air ; Level 2, 4KV contact				
OTHERS DIMEI		Radiated	BS EN/EN61000-4-3	Level 2				
OTHERS DIME	MC IMMUNITY	EFT/Burst	BS EN/EN61000-4-4	Level 2				
OTHERS DIME		Surge	BS EN/EN61000-4-5	Level 3, 1KV/Line-Line				
OTHERS DIME		Conducted Magnetic Field	BS EN/EN61000-4-6 BS EN/EN61000-4-8	Level 2 Level 2				
OTHERS DIME		Voltage Dips and Interruptions	BS EN/EN61000-4-11	70% residual voltage for 10				
OTHERS DIME			B3 EN/EN01000-4-11	period, 0% residual voltage for 0.5 periods				
OTHERS DIME	LICKER Note.9	PstLM ≤ 1, SVM ≤ 0.4           3949.8 K hrs min.         Telcordia SR-332 (I	Bellcore); 338.5 Khrs min. MIL-HDBK-217F (	(25°C)				
PACK	MENSION	147*40*32mm,107*40*32mm (L*W*H)		200)				
	ACKING	141.6g; 60pcs/8.4Kg/0.58CUFT(for blank type); 160g; 50pcs/8.1Kg/0.57CUFT(for S-type)						
			ated current and $25^\circ C$ of ambient temperature.					
3. Plea	. Output hiccups under no-load condition. . Please refer to "DRIVER METHODS OF LED MODULE".							
	. De-rating may be need under low input voltages. Please refer to "STATIC CHARACTERISTIC" sections for details. . 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.							
6. Bas	6. Based on IEC 62386-101/102 DALI power on timing and interruption regulations, the set up time needs to test with a DALI controller w hich can support for DALI power on function, otherwise the startup time will be higher than 0.5 second.							
7. Effic	7. Efficiency is measured at 500mA/50V output set by dip-switch or NFC.							
		<ol> <li>Standby power consumption is measured at 230VAC.</li> <li>Flicker is measured at full load with the light source provided by MEAN WELL.</li> </ol>						
10. Th	Standby power consumption is	10. 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						
(as	Standby power consumption is Flicker is measured at full load 0. The driver is considered as a	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)						
11. Fo	Standby power consumption is Flicker is measured at full load 0. The driver is considered as a installation, the final equipmer (as available on https://www.r	meanwell.com//Upload/PDF/EMI_statement_	<ol> <li>For XLC(except -S) series: RCM is on a voluntary basis and meets relevant IEC or AS/NZS standards complying with AS/NZS 4417.1.</li> <li>For XLC-S series: RCM is on a voluntary basis. Non IC classification Independent LED control gear is not suitable for residential installations.</li> </ol>					
12. To	Standby power consumption is Flicker is measured at full load . The driver is considered as a installation, the final equipmen (as available on https://www.r. . For XLC(except -S) series: R0	meanwell.com//Upload/PDF/EMI_statement_ CM is on a voluntary basis and meets releva		I installations				
13. Th   14. Pr	Standby power consumption is Flicker is measured at full load 0. The driver is considered as a installation, the final equipmen (as available on https://www.r . For XLC(except -S) series: RCM For XLC-S series: RCM is on 2. To fulfill requirements of the la	neanwell.com//Upload/PDF/EMI_statement_ CM is on a voluntary basis and meets releve a voluntary basis. Non IC classification Inde atest ErP regulation for lighting fixture, this Li	ependent LED control gear is not suitable for residentia ED driver can only be used behind a switch without pe	rmanently connected to the mains.				
co	Standby power consumption is Flicker is measured at full load Inte driver is considered as a installation, the final equipmer (as available on https://wwwr. For XLC(except -S) series: RC For XLC-S series: RCM is on 2. To fuffill requirements of the L b. This series meets the typical I Products sourced from the Ct	neanwell.com//Upload/PDF/EMÍ_statement CM is on a voluntary basis and meets releva a voluntary basis. Non IC classification Indu atest ErP regulation for lighting fixture, this LI life expectancy of >50,000 hours of operatio nina regions and some models sourced from	ependent LED control gear is not suitable for residentia	rmanently connected to the mains. , is about 70 $^\circ\!$				
	Standby power consumption is Flicker is measured at full load D. The driver is considered as a installation, the final equipme (as available on https://www.r For XLC(except -S) series: RC For XLC-S series: RCM is on D. To fulfill requirements of the la D. This series meets the typical I Products sourced from the Ci contact your MEAN WELL sa	neanwell.com//Upload/PDF/EMI_statement_ CM is on a voluntary basis and meets releve a voluntary basis. Non IC classification Indi atest ErP regulation for lighting fixture, this LI life expectancy of >50,000 hours of operatio hina regions and some models sourced fron les for more information.	ependent LED control gear is not suitable for residentia ED driver can only be used behind a switch without pe in when Tcase, particularly (c) point (or TMP, per DLC) n India may not have the BIS logo,please refer to BIS of	rmanently connected to the mains. , is about 70℃ or less. certificate for details and				
	Standby power consumption is Flicker is measured at full load Inte driver is considered as a installation, the final equipmer (as available on https://wwwr. For XLC/except -S) series: RC For XLC-S series: RCM is on 2. To fuffill requirements of the la b. This series meets the typical 1. Products sourced from the Ci contact your MEAN WELL sa C. The ambient temperature de- 1. Products sourced from the Ar	neanwell.com//Upload/PDF/EMI_statement_ CM is on a voluntary basis and meets releve a voluntary basis. Non IC classification Indi atest ErP regulation for lighting fixture, this Li life expectancy of >50,000 hours of operatio nina regions and some models sourced from iles for more information.	ependent LED control gear is not suitable for residentia ED driver can only be used behind a switch without pe on when Tcase, particularly (c) point (or TMP, per DLC)	rmanently connected to the mains. , is about 70℃ or less. certificate for details and igher than 2000m(6500ft).				



25W Multiple-Stage Constant Power/Constant Voltage LED Driver



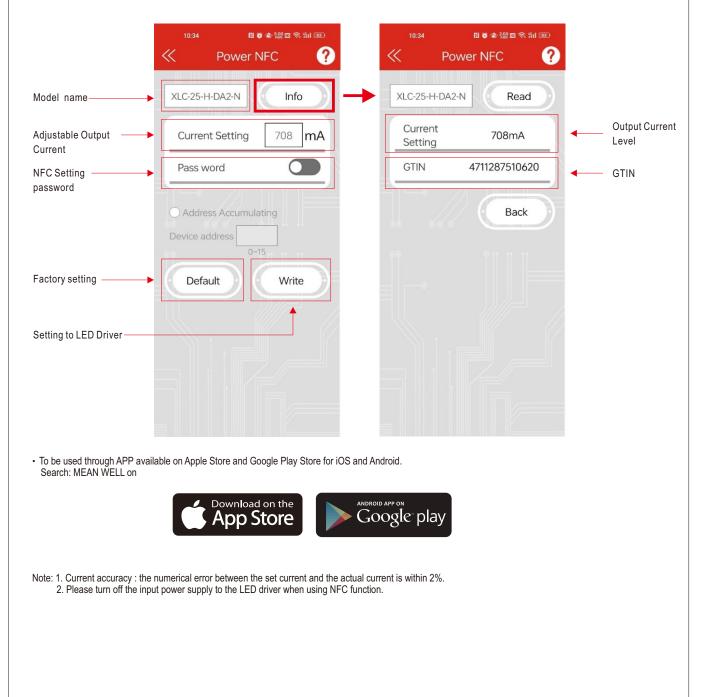


### NFC Function Description

- 1. The output current of the NFC Mode LED driver can be adjusted using NFC via the mobile APP. Operation Instruction:
- Compatible phone
- Install an NFC-compatible smart mobile device or phone with AndroidTM 4.1 or IOS12 updates.
- Steps for setting output current via NFC
- 1. Download Meanwell APP on mobile device or mobile phone, and enable NFC function.
- Check the NFC antenna position of the mobile phone please.
   Enter Meanwell APP ->Top left menu –Installation Manual/APP->PowerNFC, approach the LED driver NFC sensing position and perform sensing.
- 4. APP displays the functional parameters, and the relevant parameters are modified as required.
- 5. Tap the APP write button and quickly move the phone antenna close to the NFC sensing position of the LED driver.
- 6. The write completes when the mobile phone displays"Success".

#### **APP** Function Description

※ APP Interface:

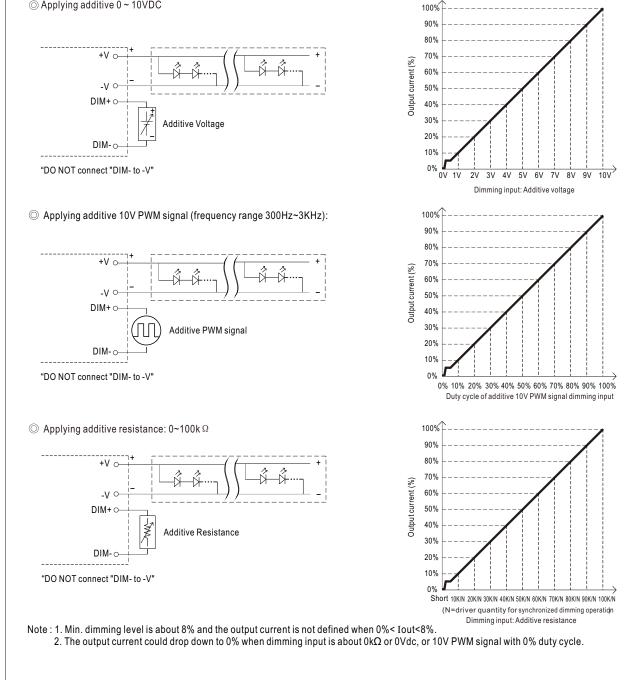




### DIMMING OPERATION

### O B type

- **※** 3 in 1 dimming function
- 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:  $100 \mu A (typ.)$
- Applying additive 0 ~ 10VDC

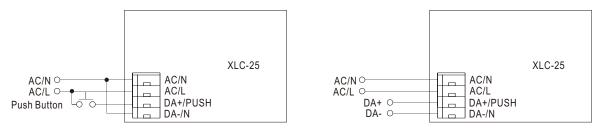




### DIMMING OPERATION

#### ◎ DA2 type (DALI-2 digital dimming function)

**※** Input wiring diagram



#### **※**PUSH dimming (primary side)

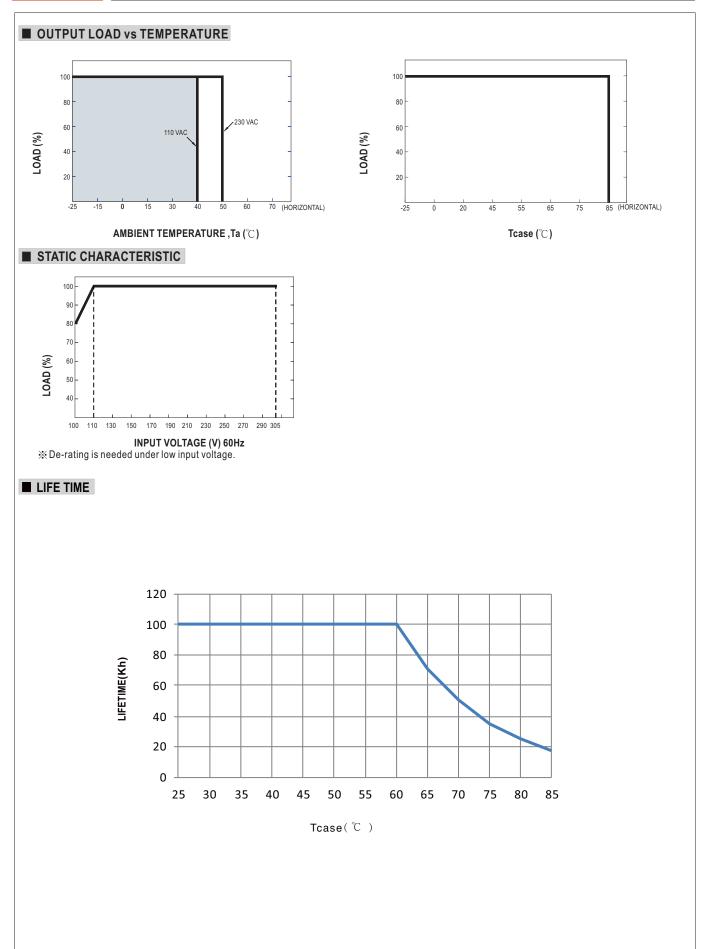
• The factory default dimming level is at 100%.

• If the push action lasts less than 0.05 sec., it will not lead to a change for the status of the driver.

- Up to 10 drivers can perform the PUSH dimming at the same time when utilizing one common push button.
  The maximum length of the cable from the push button to the last driver is 20 meters.

Action	Action duration	Function
Short Push	0.1~1s	Turn ON-OFF the driver
Double Click	Click twice in 1.5s	Set up the dimming level to 100%
Long Push	1.5~10s	Every Long Push changes the dimming direction, dimming up or down



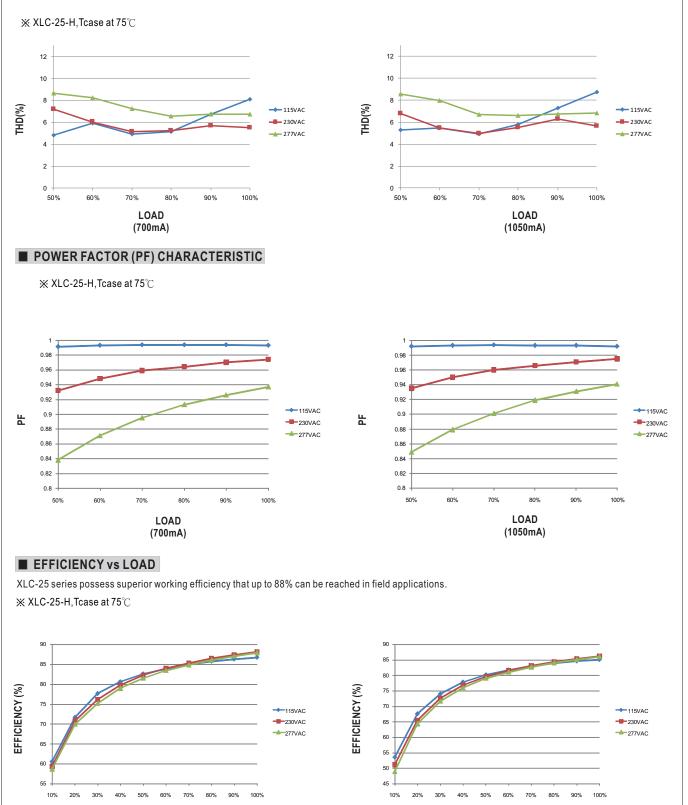




## TOTAL HARMONIC DISTORTION (THD)

LOAD

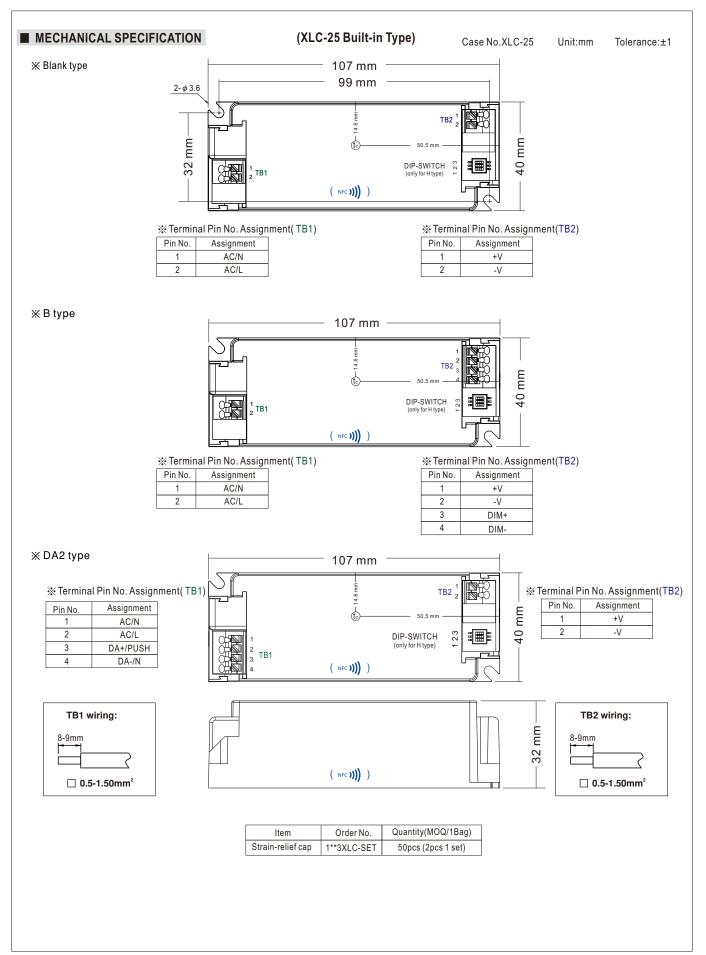
(700mA)



LOAD

(1050mA)







25W Multiple-Stage Constant Power/Constant Voltage LED Driver

# XLC-25 series

