





























Features

- · Constant Voltage + Constant Current mode output
- Metal housing with class I design
- · Built-in active PFC function
- IP67 / IP65 rating for indoor or outdoor installations
- Function options: output adjustable via potentiometer; 3 in 1 dimming
- Typical lifetime > 62000 hours
- 7 years warranty

Applications

- · LED street lighting
- · LED high-bay lighting
- · Parking space lighting
- · LED fishing lamp
- · LED greenhouse lighting
- Type "HL" for use in Class I, Division 2 hazardous (Classified) location.

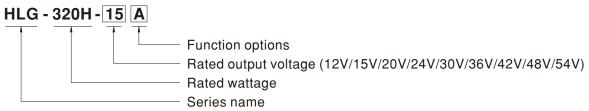
■ GTIN CODE

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

Description

HLG-320H series is a 320W AC/DC LED driver featuring the dual mode constant voltage and constant current output. HLG-320H operates from 90 ~ 305VAC and offers models with different rated voltage ranging between 12V and 54V. Thanks to the high efficiency up to 94%, with the fanless design, the entire series is able to operate for $-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$ case temperature under free air convection. The design of metal housing and IP67/IP65 ingress protection level allows this series to fit both indoor and outdoor applications. HLG-320H is equipped with various function options, such as dimming methodologies, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding



Type	IP Level	Function	Note
Blank	IP67	Io and Vo fixed	In Stock
Α	IP65	Io and Vo adjustable through built-in potentiometer	In Stock
В	IP67	3 in 1 dimming function (1~10VDC, 10V PWM signal and resistance)	In Stock
AB	IP65	Io adjustable through built-in potentiometer & 3 in 1 dimming function (1~10Vdc, 10V PWM signal and resistance)	In Stock
С		Terminal block for I/O connection. Output voltage and constant current level can be adjusted through internal potentiometer.	By request
D	IP67	Timer dimming function, contact MEAN WELL for details(safety pending).	By request



SPECIFICATION

MODEL		HLG-320H-12	HLG-320H-15	HLG-320H-20	HLG-320H-24	HLG-320H-30	HLG-320H-36	HLG-320H-42	HLG-320H-48	HLG-320H-54						
	DC VOLTAGE	12V	15V	20V	24V	30V	36V	42V	48V	54V						
ОИТРИТ	CONSTANT CURRENT REGION Note.4		7.5 ~ 15V	10 ~ 20V	12 ~ 24V	15 ~ 30V	18 ~ 36V	21 ~ 42V	24 ~ 48V	27 ~ 54V						
	RATED CURRENT	22A	19A	15A	13.34A	10.7A	8.9A	7.65A	6.7A	5.95A						
	RATED POWER	264W	285W	300W	320.16W	321W	320.4W	321.3W	321.6W	321.3W						
	RIPPLE & NOISE (max.) Note.2		150mVp-p	150mVp-p	150mVp-p	200mVp-p	250mVp-p	250mVp-p	250mVp-p	350mVp-p						
	THE PER MOTOR (Max.) NOTE:	Adjustable for A/C-Type only (via built-in potentiometer)														
	VOLTAGE ADJ. RANGE	10.8 ~ 13.5V	,,	17 ~ 22V	21 ~ 26V	26 ~ 32V	32 ~ 39V	38 ~ 45V	43 ~ 52V	49 ~ 58V						
					i-in potentiome		1	1	1.0 021	1.0 007						
	CURRENT ADJ. RANGE	11 ~ 22A	9.5 ~ 19A	7.5 ~ 15A		5.35 ~ 10.7A	4.45 ~ 8.9A	3.8 ~ 7.65A	3.35 ~ 6.7A	2.97 ~ 5.95						
	VOLTAGE TOLERANCE Note.3		±2.0%	±1.5%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%						
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%						
	LOAD REGULATION	±2.0%	±1.5%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%						
		2500ms,80ms/115VAC 600ms,80ms/230VAC														
	HOLD UP TIME (Typ.)	2500HIS,00HIS/115VAC 600HIS,00HIS/250VAC														
INPUT -	11025 Gt. Time (1)p./	90 ~ 305VAC 127 ~ 431VDC														
	VOLTAGE RANGE Note.5															
	FREQUENCY RANGE	47 ~ 63Hz														
	TREGOENOTRANOE	47 ~ 03FIZ PF≧0.98/115VAC, PF≧0.95/230VAC, PF≧0.94/277VAC @ full load														
	POWER FACTOR (Typ.)															
	TOTAL HARMONIC DISTORTION	(Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)														
		THD< 20% (@ load≥50% / 115VAC,230VAC; @ load≥75% / 277VAC) (Please refer to "TOTAL HARMONIC DISTORTION (THD)" section)														
	EFFICIENCY (Typ.) (230Vac)	91%	92.5%	93.5%	94%	94%	94.5%	95%	95%	95%						
	EFFICIENCY (Typ.) (277Vac)			94%				95%	95%	95%						
	AC CURRENT (Typ.)	1000							3370							
	INRUSH CURRENT(Typ.)	3.5A / 115VAC 1.65A / 230VAC 1.45A / 277VAC COLD START 70A(twidth=1010µs measured at 50% Ipeak) at 230VAC; Per NEMA 410														
	MAX. No. of PSUs on 16A	OCED OTHER TO MANUAL TO TO A THE ASSURED ALL DO NO HEARY ALL DO NATO, I TO INCLINE TO														
	CIRCUIT BREAKER	1 unit (circuit breaker of type B) / 2 units (circuit breaker of type C) at 230VAC														
	LEAKAGE CURRENT	<0.75mA / 277VAC														
PROTECTION		95 ~ 108%														
	OVER CURRENT Note.4	Constant current limiting, recovers automatically after fault condition is removed														
	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed														
	SHOKT CIRCUIT	14 ~ 17V		22.5 ~ 27V	27 ~ 33V	33 ~ 37V	40 ~ 46V	46.5 ~ 53V	53.5 ~ 60V	59 ~ 65V						
	OVER VOLTAGE				ver on to recove		1 0	10.0 001	33.3 00 V	00 001						
	OVED TEMPERATURE															
	OVER TEMPERATURE	Shut down and latch off o/p voltage, re-power on to recover														
	WORKING TEMP.	Tcase= -40 ~ +90 °C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section)														
		T0000-+00°	٦.													
	MAX. CASE TEMP.	Tcase= +90°(
ENVIRONMENT	WORKING HUMIDITY	20 ~ 95% RH	non-condensir	ng												
ENVIRONMENT	WORKING HUMIDITY STORAGE TEMP., HUMIDITY	20 ~ 95% RH -40 ~ +80°C,	non-condensir 10 ~ 95% RH	ng												
ENVIRONMENT	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT	20 ~ 95% RH -40 ~ +80°C, ± 0.03%/°C (non-condensir 10 ~ 95% RH 0 ~ 50°C)		70	V V 7										
ENVIRONMENT	WORKING HUMIDITY STORAGE TEMP., HUMIDITY	20 ~ 95% RH -40 ~ +80°C, ± 0.03%/°C (10 ~ 500Hz, 5	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc	le, period for 7	72min. each ald											
ENVIRONMENT	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION	20 ~ 95% RH -40 ~ +80°C, ± 0.03%/°C (10 ~ 500Hz, 5 UL8750(type"	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22	le, period for 7	8; BS EN/EN/A	NZS 61347-	1, BS EN/EN/A		-2-13 independ	lent;						
ENVIRONMENT	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT	20 ~ 95% RH -40 ~ +80°C, ± 0.03%°C (10 ~ 500Hz, 5 UL8750(type" GB19510.1,G	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22 B19510.14; IP	ele, period for 7 2.2 No. 250.0-0 65 or IP67 (exc	8; BS EN/EN/Acept for HLG-32	AS/NZS 61347- 20H C-type); J6	1, BS EN/EN/ <i>A</i> 31347-1, J6134	47-2-13 (excep	ot for C-type),	,						
ENVIRONMENT	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS	20 ~ 95% RH -40 ~ +80°C, ± 0.03%/°C (10 ~ 500Hz, 5 UL8750(type" GB19510.1,G EAC TP TC 00	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22 B19510.14; IP 04;KC61347-1	le, period for 7 2.2 No. 250.0-0 65 or IP67 (ex KC61347-2-13	8; BS EN/EN/A cept for HLG-32 3(except for AB	AS/NZS 61347- 20H C-type); J6 ,C-type), BIS I8	1, BS EN/EN/ <i>A</i> 31347-1, J6134	47-2-13 (excep	•	,						
	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE	20 ~ 95% RH -40 ~ +80°C, ± 0.03%/°C (10 ~ 500Hz, 5 UL8750(type" GB19510.1,G EAC TP TC 00 I/P-O/P:3.75l	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22 B19510.14; IP J4;KC61347-1 KVAC I/P-F6	le, period for 7 2.2 No. 250.0-0 65 or IP67 (exc KC61347-2-13 3:2KVAC O/	8; BS EN/EN/Acept for HLG-32 B(except for AB P-FG:1.5KVA	AS/NZS 61347- 20H C-type); J6 ,C-type), BIS IS	1, BS EN/EN/ <i>A</i> 31347-1, J6134	47-2-13 (excep	ot for C-type),	,						
SAFETY &	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS	20 ~ 95% RH -40 ~ +80°C, ± 0.03%/°C (10 ~ 500Hz, 5 UL8750(type" GB19510.1,G EAC TP TC 00 I/P-O/P:3.75I I/P-O/P, I/P-F	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22 B19510.14; IP 04;KC61347-1 KVAC I/P-F0	le, period for 7 .2 No. 250.0-0 65 or IP67 (exc KC61347-2-13 G:2KVAC O/	8; BS EN/EN/A cept for HLG-32 (except for AB /P-FG:1.5KVA 0VDC / 25°C/	S/NZS 61347- 20H C-type); J6 ,C-type), BIS I8 C	1, BS EN/EN// 81347-1, J6134 S 15885(Part2	47-2-13 (excep /Sec13) (NOTE	ot for C-type), E 13) approved	,						
ENVIRONMENT SAFETY & EMC	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE	20 ~ 95% RH -40 ~ +80°C, ± 0.03%/°C (10 ~ 500Hz, 5 UL8750(type" GB19510.1,G EAC TP TC 00 I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22 B19510.14; IP 04;KC61347-1 KVAC I/P-F(G, O/P-FG:10	le, period for 7.2.2 No. 250.0-0 65 or IP67 (exc KC61347-2-13 G:2KVAC O/ 0M Ohms / 50 015, BS EN/EN	8; BS EN/EN/A cept for HLG-3; 3(except for AB /P-FG:1.5KVA 10VDC / 25°C/ N55032 (CISPR	S/NZS 61347- 20H C-type); J6 ,C-type), BIS IS C C 70% RH (32) Class B, B	1, BS EN/EN// 81347-1, J6134 S 15885(Part2	47-2-13 (excep /Sec13) (NOTE	ot for C-type),	,						
SAFETY &	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	20 ~ 95% RH -40 ~ +80°C, ± 0.03%/°C (10 ~ 500Hz, 5 UL8750(type" GB19510.1,G EAC TP TC 00 I/P-O/P:3.751 I/P-O/P, I/P-F Compliance to BS EN/EN610	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22 B19510.14; IP 04;KC61347-1 KVAC I/P-F0 10; G, O/P-FG:10 10; DSS EN/EN55 100-3-3,GB/T 1	le, period for 7 .2 No. 250.0-0 65 or IP67 (exc KC61347-2-13 3:2KVAC O/ 10M Ohms / 50 015, BS EN/EN 7743 , GB1762	8; BS EN/EN/Acept for HLG-32 8(except for AB /P-FG:1.5KVA 0VDC / 25°C/ N55032 (CISPR 25.1,EAC TP To	S/NZS 61347- 20H C-type); J6 ,C-type), BIS IS C 70% RH (32) Class B, B C 020	1, BS EN/EN/F 61347-1, J6134 S 15885(Part2 S EN/EN6100	47-2-13 (excep /Sec13) (NOTE	ot for C-type), E 13) approved (@ load≧50%);						
SAFETY &	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	20 ~ 95% RH -40 ~ +80°C, ± 0.03%/°C (10 ~ 500Hz, 5 UL8750(type" GB19510.1,G EAC TP TC 00 I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to BS EN/EN610 Compliance to	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22 B19510.14; IP 04;KC61347-1 KVAC I/P-FG 10;G, O/P-FG:10 0 BS EN/EN55 100-3-3, GB/T 1 10 BS EN/EN61	le, period for 7 .2 No. 250.0-0 65 or IP67 (exc KC61347-2-13 3:2KVAC O/ IOM Ohms / 50 015, BS EN/EN 7743, GB176/	8; BS EN/EN/A cept for HLG-3; 3(except for AB /P-FG:1.5KVA 0VDC / 25°C/ 455032 (CISPR 25.1,EAC TP TO 5,8,11, BS EN/E	S/NZS 61347- 20H C-type); J6 ,C-type), BIS IS C 70% RH (32) Class B, B C 020	1, BS EN/EN/F 61347-1, J6134 S 15885(Part2 S EN/EN6100	47-2-13 (excep /Sec13) (NOTE	ot for C-type), E 13) approved);						
SAFETY &	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	20 ~ 95% RH -40 ~ +80°C, ± 0.03%/°C (10 ~ 500Hz, 5 UL8750(type" GB19510.1,G EAC TP TC 00 I/P-O/P;3.75 I/P-O/P, I/P-F Compliance to BS EN/EN610 Compliance to Line-Earth 4K	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22 B19510.14; IP 04;KC61347-1 KVAC I/P-FG G, O/P-FG:10 08 EN/EN55 100-3-3, GB/T 1 0 BS EN/EN61 V, Line-Line 24	le, period for 7 .2 No. 250.0-0 65 or IP67 (exc KC61347-2-13 G:2KVAC Or 10M Ohms / 50 015, BS EN/EN 7743 , GB1762 000-4-2,3,4,5,6 (V), EAC TP To	8; BS EN/EN/Acept for HLG-33 3(except for AB /P-FG:1.5KVA 0VDC / 25°C/ 455032 (CISPR 25.1,EAC TP TO 5,8,11, BS EN/BC 020	S/NZS 61347- 20H C-type); J6 ,C-type), BIS I8 C70% RH (32) Class B, B C 020 EN61547, BS E	1, BS EN/EN/A 51347-1, J6134 S 15885(Part2 S EN/EN6100 EN/EN55024, Ii	47-2-13 (excep /Sec13) (NOTE 0-3-2 Class C ght industry le	ot for C-type), E 13) approved (@ load≧50%);						
SAFETY &	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF	20 ~ 95% RH -40 ~ +80°C, ± 0.03%°C (10 ~ 500Hz, 5 UL8750(type" GB19510.1,G EAC TP TC 00 I/P-O/P; 3.75! I/P-O/P, I/P-F Compliance to BS EN/EN610 Compliance to Line-Earth 4K 1702.2K hrs n	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22 B19510.14; IP 04;KC61347-1 (VAC I/P-FG:10 0 BS EN/EN61 0 BS EN/EN61 V, Line-Line 2I nin. Telcord	le, period for 7 .2 No. 250.0-0 65 or IP67 (exc KC61347-2-13 G:2KVAC Or 10M Ohms / 50 015, BS EN/EN 7743 , GB1762 000-4-2,3,4,5,6 (V), EAC TP To	8; BS EN/EN/A cept for HLG-3; 3(except for AB /P-FG:1.5KVA 0VDC / 25°C/ 455032 (CISPR 25.1,EAC TP TO 5,8,11, BS EN/E	S/NZS 61347- 20H C-type); J6 ,C-type), BIS I8 C70% RH (32) Class B, B C 020 EN61547, BS E	1, BS EN/EN/F 61347-1, J6134 S 15885(Part2 S EN/EN6100	47-2-13 (excep /Sec13) (NOTE 0-3-2 Class C ght industry le	ot for C-type), E 13) approved (@ load≧50%);						
SAFETY &	WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	20 ~ 95% RH -40 ~ +80°C, ± 0.03%°C (10 ~ 500Hz, 5 UL8750(type" GB19510.1,G EAC TP TC 00 I/P-O/P; 1/P-F Compliance to BS EN/EN610 Compliance to Line-Earth 4K 1702.2K hrs n 252*90*43.8n	non-condensir 10 ~ 95% RH 0 ~ 50°C) G 12min./1cyc HL"), CSA C22 B19510.14; IP 04;KC61347-1 (VAC I/P-FG:10 0 BS EN/EN61 0 BS EN/EN61 V, Line-Line 2I nin. Telcord	le, period for 7 2.2 No. 250.0-0 65 or IP67 (exc KC61347-2-13 3:2KVAC O/ 10M Ohms / 50 1015, BS EN/EN 7743 , GB176; 1000-4-2,3,4,5,6, (V), EAC TP To la SR-332 (Bel	8; BS EN/EN/Acept for HLG-33 3(except for AB /P-FG:1.5KVA 0VDC / 25°C/ 455032 (CISPR 25.1,EAC TP TO 5,8,11, BS EN/BC 020	S/NZS 61347- 20H C-type); J6 ,C-type), BIS I8 C70% RH (32) Class B, B C 020 EN61547, BS E	1, BS EN/EN/A 51347-1, J6134 S 15885(Part2 S EN/EN6100 EN/EN55024, Ii	47-2-13 (excep /Sec13) (NOTE 0-3-2 Class C ght industry le	ot for C-type), E 13) approved (@ load≧50%);						

NOTE

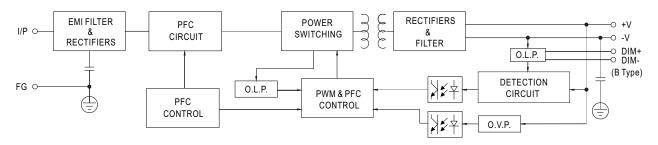
- 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
- 3. Tolerance: includes set up tolerance, line regulation and load regulation.
- 4. Please refer to "DRIVING METHODS OF LED MODULE".
- 5. De-rating may be needed under low input voltages. Please refer to "STATIC CHARACTERISTIC" sections for details.
- 6. Length of set up time is measured at first cold start. Turning ON/OFF the driver may lead to increase of the set up time.
- 7. 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)
- 8. To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED driver can only be used behind a switch without permanently connected to the mains.
- 9. This series meets the typical life expectancy of >62,000 hours of operation when Tcase, particularly (c) 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. 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
- 13. BIS certification is for HLG-320H-A only, but products sourced from Taiwan do not have the BIS logo, please contact your MEAN WELL sales for
- 14. For A/AB type need to consider build in using to comply with Type HL application.
- ** Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx

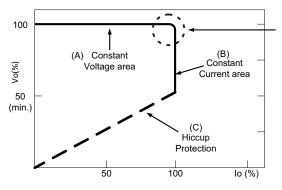
■ BLOCK DIAGRAM

Fosc: 65KHz



■ DRIVING METHODS OF LED MODULE

X 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.



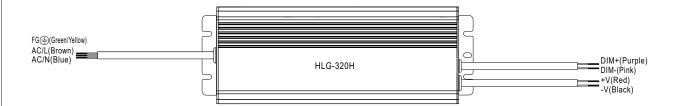
Typical output current normalized by rated current (%)

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

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

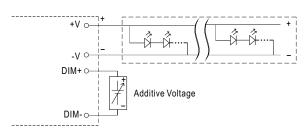


■ DIMMING OPERATION



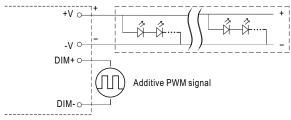
※ 3 in 1 dimming function (for B/AB-Type)

- Output constant current level can be adjusted by applying one of the three methodologies between DIM+ and DIM-:
 1 ~ 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: 100µA (typ.)
- O Applying additive 1 ~ 10VDC



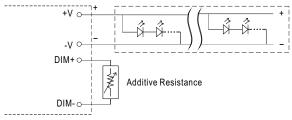
"DO NOT connect "DIM- to -V"

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

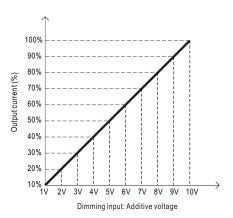


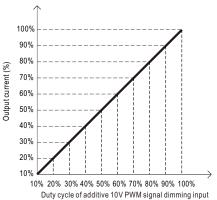
"DO NOT connect "DIM- to -V"

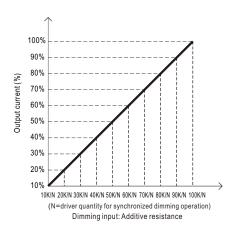
Applying additive resistance:



"DO NOT connect "DIM- to -V"

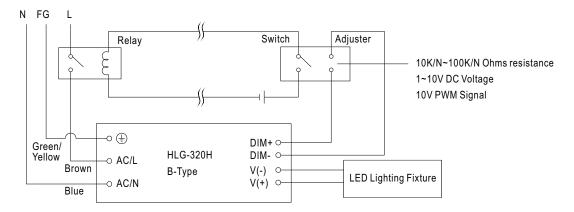






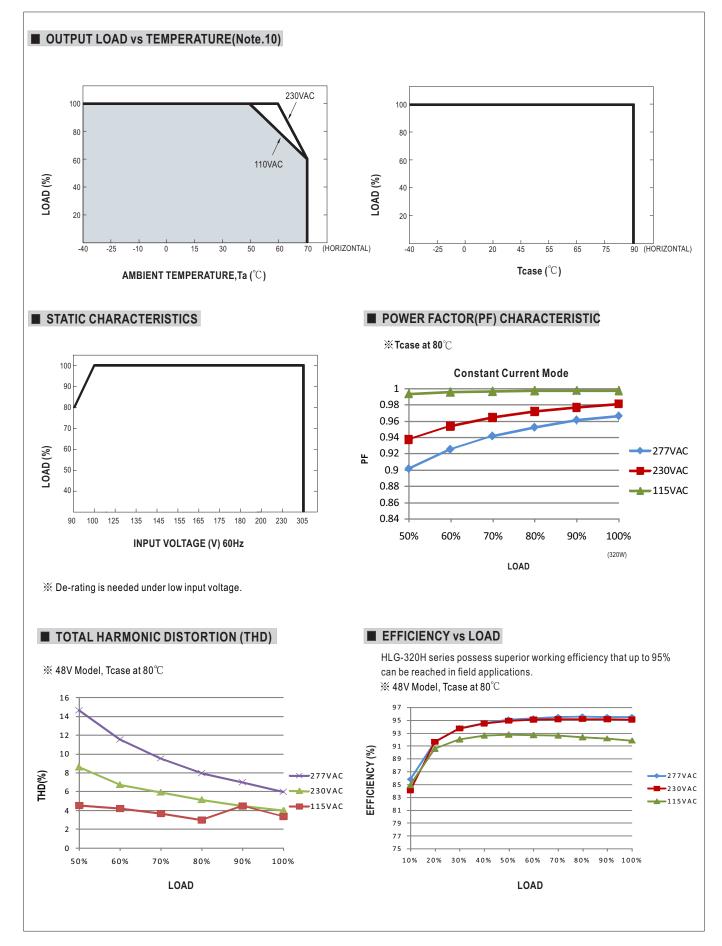


Note: In the case of turning the lighting fixture down to 0% brightness, please refer to the configuration as follow, or please contact MEAN WELL for other options.



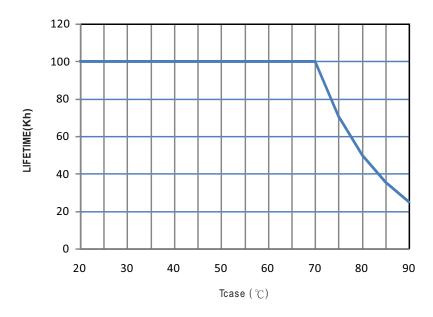
Using a switch and relay can turn ON/OFF the lighting fixture.



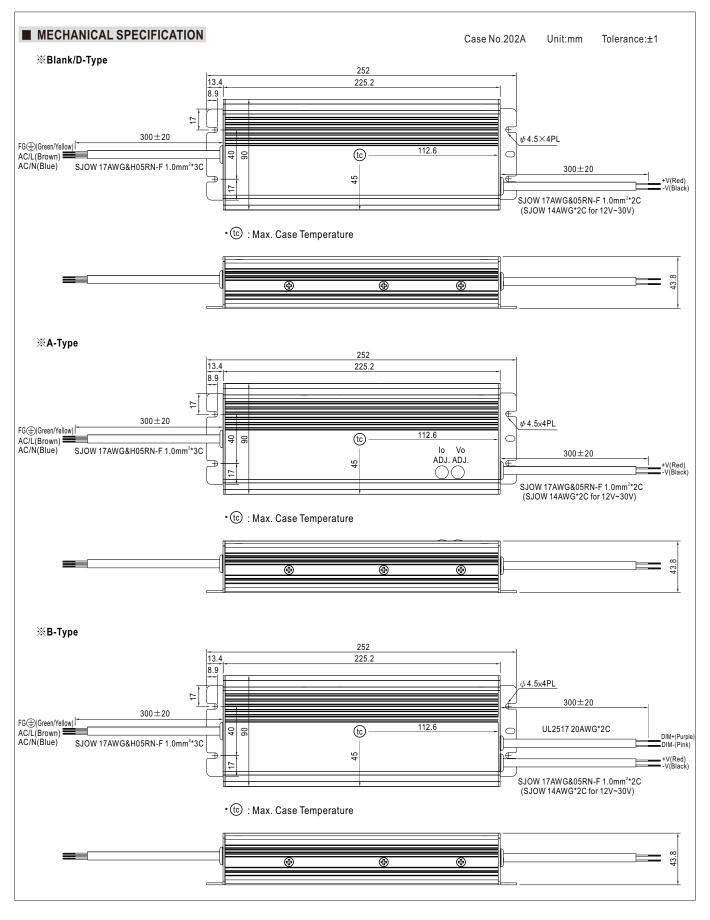




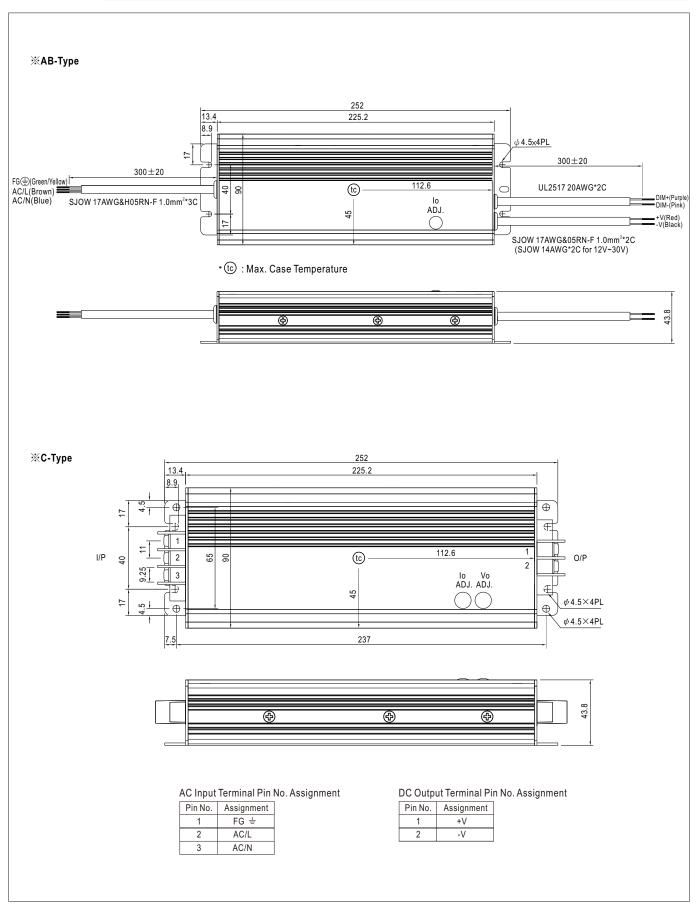
■ LIFETIME









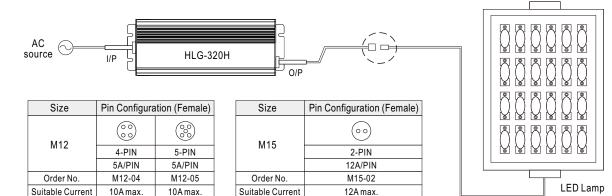




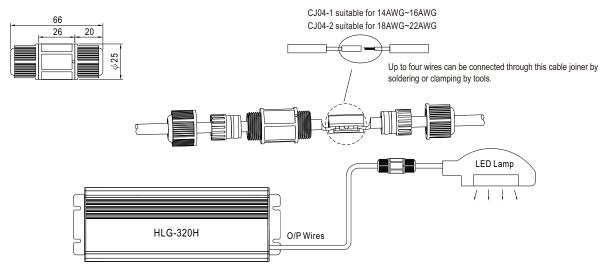
■ WATERPROOF CONNECTION

Waterproof connector

 $Water proof connector can be assembled on the output cable of HLG-320H \ to operate in \ dry/wet/damp \ or outdoor \ environment.$

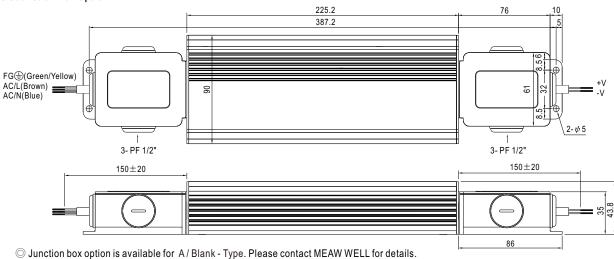


X Cable Joiner



© CJ04 cable joiner can be purchased independently for user's own assembly. MEAN WELL order No.: CJ04-1, CJ04-2.

% Junction Box Option



■ INSTALLATION MANUAL

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