





















■ Features

- · Constant Voltage + Constant Current mode output
- Metal housing with class I design
- · Built-in active PFC function
- · Class 2 power unit
- IP67 / IP65 rating for indoor or outdoor installations
- Function options: output adjustable via potentiometer;
 3 in 1 dimming; Timer dimming
- Typical lifetime > 62000 hours
- 7 years warranty

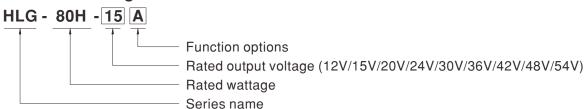
Applications

- · 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.

Description

HLG-80H series is a 80W AC/DC LED driver featuring the dual mode constant voltage and constant current output. HLG-80H operates from $90 \sim 305 \text{VAC}$ and offers models with different rated voltage ranging between 12V and 54V. Thanks to the high efficiency up to 91%, with the fanless design, the entire series is able to operate for -40°C \sim +80°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-80H 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
BL	IP66	B-Type with junction box. UL8750 LISTED. Contact MEAN WELL for details	By request
D	IP67	Timer dimming function, contact MEAN WELL for details(safety pending).	By request



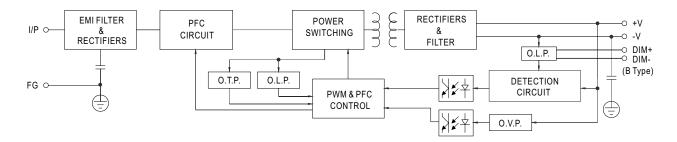
SPECIFICATION

MODEL					I				1	1
00		HLG-80H-12	HLG-80H-15	HLG-80H-20	HLG-80H-24	HLG-80H-30	HLG-80H-36	HLG-80H-42	HLG-80H-48	HLG-80H-54
	DC VOLTAGE	12V	15V	20V	24V	30V	36V	42V	48V	54V
	CONSTANT CURRENT REGION Note.4	7.2 ~12V	9 ~ 15V	12 ~ 20V	14.4 ~ 24V	18 ~ 30V	21.6 ~ 36V	25.2 ~ 42V	28.8 ~ 48V	32.4 ~ 54V
ОИТРИТ	RATED CURRENT	5A	5A	4A	3.4A	2.7A	2.3A	1.95A	1.7A	1.5A
	RATED POWER	60W	75W	80W	81.6W	81W	82.8W	81.9W	81.6W	81W
	RIPPLE & NOISE (max.) Note.2		150mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p
	KII I EE & NOISE (Max.) Note.2			via built-in pot		200111 ν β-β	200111V p-p	200111V p-p	200111 ν ρ-ρ	200111 v p-p
	VOLTAGE ADJ. RANGE	-				07 001/	22 401/	20 401/	40 501/	40 50\/
		10.8 ~ 13.5V		17 ~ 22V	22 ~ 27V	27 ~ 33V	33 ~ 40V	38 ~ 46V	43 ~ 53V	49 ~ 58V
	CURRENT ADJ. RANGE			via built-in pot	· · · · · ·			I	T	I
		3 ~ 5A	3 ~ 5A	2.4 ~ 4A	2.04 ~ 3.4A	1.62 ~ 2.7A	1.38 ~ 2.3A	1.17 ~ 1.95A	1.02 ~ 1.7A	0.9 ~ 1.5A
	VOLTAGE TOLERANCE Note.3	±2.5%	±2.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LINE REGULATION	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.5\%$	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION	±2.0%	$\pm 1.5\%$	±1.0%	±0.5%	±0.5%	$\pm 0.5\%$	±0.5%	$\pm 0.5\%$	±0.5%
	SETUP, RISE TIME Note.6	1200ms,200r	ns/115VAC 5	00ms,200ms/2	230VAC					
	HOLD UP TIME (Typ.)	16ms at full lo	ad 230VAC	115VAC						
	(31)	90 ~ 305VAC	127 ~ 431	VDC						
	VOLTAGE RANGE Note.5			ARACTERISTI	C" section)					
	EDECUENCY DANCE	`		1101012111011						
	FREQUENCY RANGE	47 ~ 63Hz		0/0000/40 DE	> 0 0 1 10 = 7 11 1					
INPUT	POWER FACTOR (Typ.)	PF≥0.96/115VAC, PF≥0.96/230VAC, PF≥0.94/277VAC @ full load								
	(),)	(Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)								
	TOTAL HARMONIC DISTORTION	THD< 20% ((@ load≧60% .	/ 115VAC,230\	VAC; @ load≧	≧75% / 277VA	C)			
	TO TAE TIANSMONIO DIO TONTION	(Please refe	to "TOTAL HA	RMONIC DIS	TORTION (TH	ID)" section)				
	EFFICIENCY (Typ.)	88%	89%	90%	90.5%	91%	91%	91%	91%	91%
	AC CURRENT (Typ.)	0.85A / 115VA	C 0.425	A / 230VAC	0.4A / 277VA	C				
	INRUSH CURRENT (Typ.)	COLD START	70A(twidth=485	us measured at	t 50% Ipeak) at 2	230VAC; Per NE	MA 410			
	MAX. No. of PSUs on 16A		(* ***		, , , , , ,	,				
	CIRCUIT BREAKER	3 units (circui	t breaker of typ	e B) / 6 units (circuit breaker	of type C) at 23	30VAC			
		<0.75m \ / 27	7\/A C							
	LEAKAGE CURRENT	<pre><0.75mA / 277VAC</pre>								
	OVER CURRENT	95 ~ 108%								
		Constant current limiting, recovers automatically after fault condition is removed								
DDOTECTION	SHORT CIRCUIT	Hiccup mode,	recovers auto	matically after	fault condition	is removed				
PROTECTION		14 ~ 17V	18 ~ 24V	23 ~ 30V	28 ~ 35V	35 ~ 43V	41 ~ 49V	48 ~ 58V	54 ~ 63V	59 ~ 68V
	OVER VOLTAGE	Shut down o/	voltage, re-po	wer on to reco	ver					
	OVER TEMPERATURE	Shut down o/p	voltage, re-po	wer on to reco	ver					
	WORKING TEMP.					TEMPERATU	IRF" section)			
	MAX. CASE TEMP.	Tcase= +80°(,	31010110 001	11 01 20/10 10	TEMI ETOTIO	112 00011011)			
			non-condensir	na						
ENVIRONMENT	WORKING HUMIDITY			ig						
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C,								
	TEMP. COEFFICIENT	±0.03%/°C(0~60°C)							
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes								
	CAFETY CTANDADDO	UL8750(type"HL"), CSA C22.2 No. 250.0-08(except for HLG-80H-48/54V & HLG-80H-48/54BL), UL8750 LISTED for HLG-80H-IBL; TUV EN61347-								
	SAFETY STANDARDS Note.8	EN61347-2-13 independent, optional models for J61347-1, J61347-2-13, IP65 or IP67 approved; Design refer to UL60950-1, TUV EN60950-1								
SAFETY &	WITHSTAND VOLTAGE							<u>, </u>		
		I/P-O/P:3.75KVAC								
FMC.	ISOLATION RESISTANCE	1/D_A/D 1/D_E								
EMC	ISOLATION RESISTANCE						100-3-3			
EMC	EMC EMISSION Note.8	Compliance to	En55015, EN	61000-3-2 Cla	ass C (@ load≧	≧60%) ; EN610		o Line Englis Al	0/1:1:0	10.0
EMC	EMC EMISSION Note.8 EMC IMMUNITY	Compliance to	En55015, EN EN61000-4-2	61000-3-2 Cla	ass C (@ load≧ EN61547, light			y Line-Earth 4h	(V, Line-Line 2	KV)
	EMC EMISSION Note.8	Compliance to Compliance to 357.8K hrs mi	EN55015, EN EN61000-4-2	61000-3-2 Cla 3,3,4,5,6,8,11, E 3K-217F (25°C)	ass C (@ load≧ EN61547, light	≧60%) ; EN610		y Line-Earth 4h	(V, Line-Line 2	KV)
	EMC EMISSION Note.8 EMC IMMUNITY	Compliance to Compliance to 357.8K hrs mi	En55015, EN EN61000-4-2	61000-3-2 Cla 3,3,4,5,6,8,11, E 3K-217F (25°C)	ass C (@ load≧ EN61547, light	≧60%) ; EN610		y Line-Earth 4k	(V, Line-Line 2	KV)
	EMC EMISSION Note.8 EMC IMMUNITY MTBF	Compliance to Compliance to 357.8K hrs mi 195.6*61.5*36	EN55015, EN EN61000-4-2	61000-3-2 Cla 2,3,4,5,6,8,11, E K-217F (25°C)	ass C (@ load≧ EN61547, light	≧60%) ; EN610		y Line-Earth 4P	KV, Line-Line 2	KV)
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION	Compliance to Compliance to 357.8K hrs mi 195.6*61.5*30 0.84Kg; 16pcs	D En55015, EN D EN61000-4-2 In. MIL-HDE 3.8mm (L*W*H S/14.4Kg/0.54C	61000-3-2 Cla 3,3,4,5,6,8,11, I K-217F (25°C)) CUFT	ass C (@ load≧ EN61547, light)	≧60%) ; EN610 industry level (surge immunit		KV, Line-Line 2	KV)
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING	Compliance to Compliance to 357.8K hrs mi 195.6*61.5*30 0.84Kg; 16pcs by mentioned a	D En55015, EN D EN61000-4-2 In. MIL-HDE 3.8mm (L*W*H S/14.4Kg/0.54C ure measured a	61000-3-2 Cla ,3,4,5,6,8,11, E K-217F (25°C)) CUFT at 230VAC inp	ass C (@ load≧ EN61547, light) ut, rated curre	≥60%) ; EN610 industry level (surge immunit	oerature.		KV)
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special	Compliance to Compliance to 357.8K hrs m 195.6*61.5*3i 0.84Kg; 16pcs by mentioned a and at 20MHz o	b En55015, EN b EN61000-4-2 n. MIL-HDE 3.8mm (L*W*H 6/14.4Kg/0.540 are measured a f bandwidth by	61000-3-2 Cla ,3,4,5,6,8,11, E K-217F (25°C)) CUFT at 230VAC inp r using a 12" tv	ass C (@ load in EN61547, light) ut, rated currently wisted pair-wire	≥60%) ; EN610 industry level (surge immunit	oerature.		KV)
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure	Compliance to Compliance to 357.8K hrs mi 195.6*61.5*3i 0.84Kg; 16pcs by mentioned a ad at 20MHz of tolerance, line	b En55015, EN b EN61000-4-2 in. MIL-HDE 3.8mm (L*W*H ks/14.4Kg/0.540 are measured a f bandwidth by regulation and	61000-3-2 Cla (3,4,5,6,8,11, I K-217F (25°C)) CUFT at 230VAC inp using a 12" tv I load regulatio	ass C (@ load in EN61547, light) ut, rated currently wisted pair-wire	≥60%) ; EN610 industry level (surge immunit	oerature.		KV)
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up	Compliance to 357.8K hrs mi 195.6*61.5*3i 0.84Kg; 16pcs by mentioned a and at 20MHz of tolerance, line METHODS OF	b En55015, EN b EN61000-4-2 in. MIL-HDE 3.8mm (L*W*H s/14.4Kg/0.54C are measured a f bandwidth by regulation anc	61000-3-2 Cla ,3,4,5,6,8,11, I ,24,-217F (25°C)) CUFT at 230VAC inp using a 12" tv I load regulatio	iss C (@ load in EN61547, light) ut, rated curre wisted pair-wire on.	≥60%); EN610 industry level (ont and 25°C or e terminated w	surge immunit f ambient temp ith a 0.1uf & 4	perature. 7uf parallel cal		KV)
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up 4. Please refer to "DRIVING N	Compliance to 357.8K hrs mi 195.6*61.5*3i 0.84Kg; 16pcs by mentioned a and at 20MHz or tolerance, line METHODS OF nder low input	b En55015, EN b EN61000-4-2 in. MIL-HDE 3.8mm (L*W*H 6/14.4Kg/0.54C are measured a f bandwidth by regulation and LED MODULI voltages. Plea	61000-3-2 Cla ,3,4,5,6,8,11, I kK-217F (25°C)) CUFT at 230VAC inp using a 12" tv I load regulatio "." se refer to "S1	iss C (@ load in EN61547, light) ut, rated curre wisted pair-wire on.	≥60%); EN610 industry level (ont and 25°C or experiment and was acterminated was actered to the control of t	surge immunit f ambient temp ith a 0.1uf & 4	perature. 7uf parallel cap tails.		KV)
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up 4. Please refer to "DRIVING Notes of the second of the secon	Compliance to 357.8K hrs mi 195.6*61.5*3i 0.84Kg; 16pcs ly mentioned a and at 20MHz or tolerance, line IETHODS OF nder low input asured at first	b En55015, EN b EN61000-4-2 in. MIL-HDE 3.8mm (L*W*H s/14.4Kg/0.54C are measured a f bandwidth by regulation anc LED MODULI voltages. Plea cold start. Turr	61000-3-2 Clas ,3,4,5,6,8,11,1 kK-217F (25°C)) CUFT at 230VAC inp using a 12" to I load regulatio "." se refer to "ST ining ON/OFF t	iss C (@ load in EN61547, light) ut, rated curre wisted pair-wire on.	industry level (int and 25°C or experimental terminated was acternized to increase	surge immunit f ambient temp ith a 0.1uf & 4 sections for de-	perature. 7uf parallel ca _l tails. p time.	pacitor.	
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up 4. Please refer to "DRIVING N 5. De-rating may be needed u 6. Length of set up time is me	Compliance to 357.8K hrs mi 195.6*61.5*3i 0.84Kg; 16pcs ly mentioned a dat 20MHz or tolerance, line METHODS OF nder low input asured at first a component	b En55015, EN b EN61000-4-2 in. MIL-HDE 3.8mm (L*W*H 6/14.4Kg/0.54C are measured a f bandwidth by regulation and LED MODULI voltages. Plea cold start. Turr that will be ope	61000-3-2 Clas ,3,4,5,6,8,11,1 eK-217F (25°C)) CUFT at 230VAC inp using a 12" tv I load regulatio E". se refer to "ST ining ON/OFF t erated in comb	iss C (@ load in EN61547, light) ut, rated curre wisted pair-wire in. FATIC CHARA he driver may ination with fir	industry level (int and 25°C or e terminated w CTERISTIC" selead to increase all equipment.	surge immunit f ambient temp ith a 0.1uf & 4 sections for delease of the set up Since EMC pe	perature. 7uf parallel cap tails. p time. erformance will	pacitor.	
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up 4. Please refer to "DRIVING N 5. De-rating may be needed u 6. Length of set up time is me 7. The driver is considered as	Compliance to 357.8K hrs mi 195.6*61.5*3i 0.84Kg; 16pcs ly mentioned a dat 20MHz or tolerance, line METHODS OF nder low input asured at first a component al equipment r	b En55015, EN b EN61000-4-2 in. MIL-HDE 3.8mm (L*W*H 6/14.4Kg/0.54C are measured a f bandwidth by regulation and LED MODULI voltages. Plea cold start. Turn that will be open nanufacturers	61000-3-2 Clas ,3,4,5,6,8,11,1 eK-217F (25°C)) CUFT at 230VAC inp using a 12" tv I load regulatio E". see refer to "ST ining ON/OFF t erated in comb must re-qualify	iss C (@ load in EN61547, light) ut, rated curre wisted pair-wire in. FATIC CHARA he driver may ination with fire its EMC Directive.	industry level (industry level (int and 25°C or eterminated w CTERISTIC" selead to increase all equipment.	surge immunit f ambient temp ith a 0.1uf & 4 sections for delete of the set up Since EMC per slete installation	perature. 7uf parallel captails. p time. prormance will n again.	pacitor.	y the
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up 4. Please refer to "DRIVING N 5. De-rating may be needed u 6. Length of set up time is me 7. The driver is considered as complete installation, the fin	Compliance to 357.8K hrs mi 195.6*61.5*3i 0.84Kg; 16pcs ly mentioned a det at 20MHz or tolerance, line METHODS OF nder low input asured at first a component al equipment r (GB19510.14,	b En55015, EN b EN61000-4-2 in. MIL-HDE 3.8mm (L*W*H 6/14.4Kg/0.54C are measured a f bandwidth by regulation and LED MODULI voltages. Plea cold start. Turn that will be open nanufacturers GB19510.1, C	61000-3-2 Clas ,3,4,5,6,8,11, I. kK-217F (25°C)) CUFT at 230VAC inp using a 12" tv I load regulatio E". se refer to "ST ining ON/OFF t brated in comb must re-qualify GB17743 and	ut, rated curre wisted pair-wire in. FATIC CHARA de driver may ination with fir if EMC Directiv GB17625.1) is	industry level (industry level (int and 25°C or eterminated w CTERISTIC" selead to increase and equipment. we on the compare an optional me	f ambient tempetith a 0.1uf & 4 sections for delete of the set up Since EMC pellete installation odel . Please	perature. 7uf parallel captails. p time. performance will n again. contact MEAN	pacitor. be affected by WELL for det	y the
OTHERS	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up 4. Please refer to "DRIVING N 5. De-rating may be needed u 6. Length of set up time is me 7. The driver is considered as complete installation, the fin 8. The model certified for CCC	Compliance to 357.8K hrs mi 195.6*61.5*3i 0.84Kg; 16pcs ly mentioned a det at 20MHz or tolerance, line METHODS OF nder low input asured at first a component al equipment r (GB19510.14,	b En55015, EN b EN61000-4-2 in. MIL-HDE 3.8mm (L*W*H 6/14.4Kg/0.54C are measured a f bandwidth by regulation and LED MODULI voltages. Plea cold start. Turn that will be open nanufacturers GB19510.1, C	61000-3-2 Clas ,3,4,5,6,8,11, I. kK-217F (25°C)) CUFT at 230VAC inp using a 12" tv I load regulatio E". se refer to "ST ining ON/OFF t brated in comb must re-qualify GB17743 and	ut, rated curre wisted pair-wire in. FATIC CHARA de driver may ination with fir if EMC Directiv GB17625.1) is	industry level (industry level (int and 25°C or eterminated w CTERISTIC" selead to increase and equipment. we on the compare an optional me	f ambient tempetith a 0.1uf & 4 sections for delete of the set up Since EMC pellete installation odel . Please	perature. 7uf parallel captails. p time. performance will n again. contact MEAN	pacitor. be affected by WELL for det	y the
OTHERS NOTE	EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up 4. Please refer to "DRIVING N 5. De-rating may be needed u 6. Length of set up time is me 7. The driver is considered as complete installation, the fin 8. The model certified for CCC 9. To fulfill requirements of the	Compliance to 357.8K hrs mi 195.6*61.5*3i 0.84Kg; 16pcs by mentioned a dat 20MHz or tolerance, line METHODS OF nder low input asured at first a component al equipment ro(GB19510.14, latest ErP reg	b En55015, EN b EN61000-4-2 in. MIL-HDE 3.8mm (L*W*H 6/14.4Kg/0.54C are measured a f bandwidth by regulation and LED MODULI voltages. Plea cold start. Turn that will be open nanufacturers GB19510.1, C ulation for ligh	61000-3-2 Clains, 3,4,5,6,8,11,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	iss C (@ load is EN61547, light) out, rated curre wisted pair-wire on. FATIC CHARA he driver may ination with fir or EMC Directive GB17625.1) is is LED driver	industry level (industry level (int and 25°C or eterminated w CTERISTIC" selead to increase and equipment. we on the compart of the compar	f ambient temp ith a 0.1uf & 4 sections for de- se of the set u Since EMC pe- elete installation odel . Please e ed behind a se	perature. 7uf parallel captails. p time. performance will n again. contact MEAN witch without p	pacitor. I be affected by WELL for determanently	y the ails.



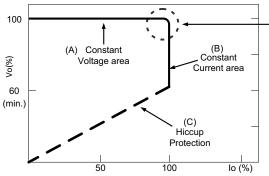
■ BLOCK DIAGRAM

Fosc: 100KHz



■ 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.



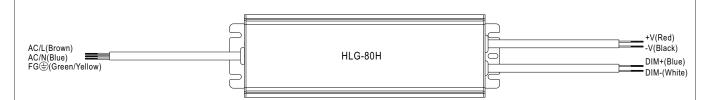
In the constant current region, the highest voltage at the output of the driver depends on the configuration of the end systems.

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

Typical output current normalized by rated current (%)

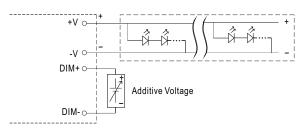


■ DIMMING OPERATION



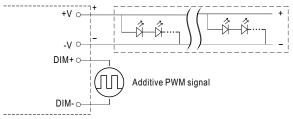
imes 3 in 1 dimming function (for B-Type)

- 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: $100\mu A$ (typ.)
- O Applying additive 1 ~ 10VDC



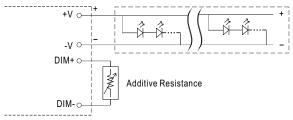
"DO NOT connect "DIM- to -V"

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

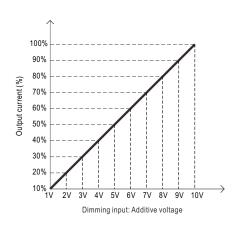


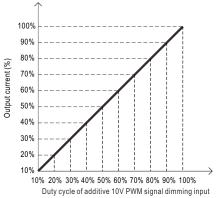
"DO NOT connect "DIM- to -V"

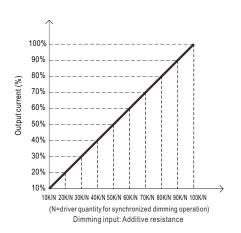
Applying additive resistance:



"DO NOT connect "DIM- to -V"

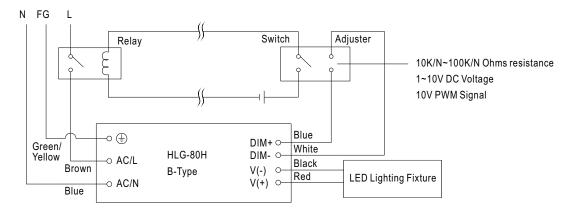






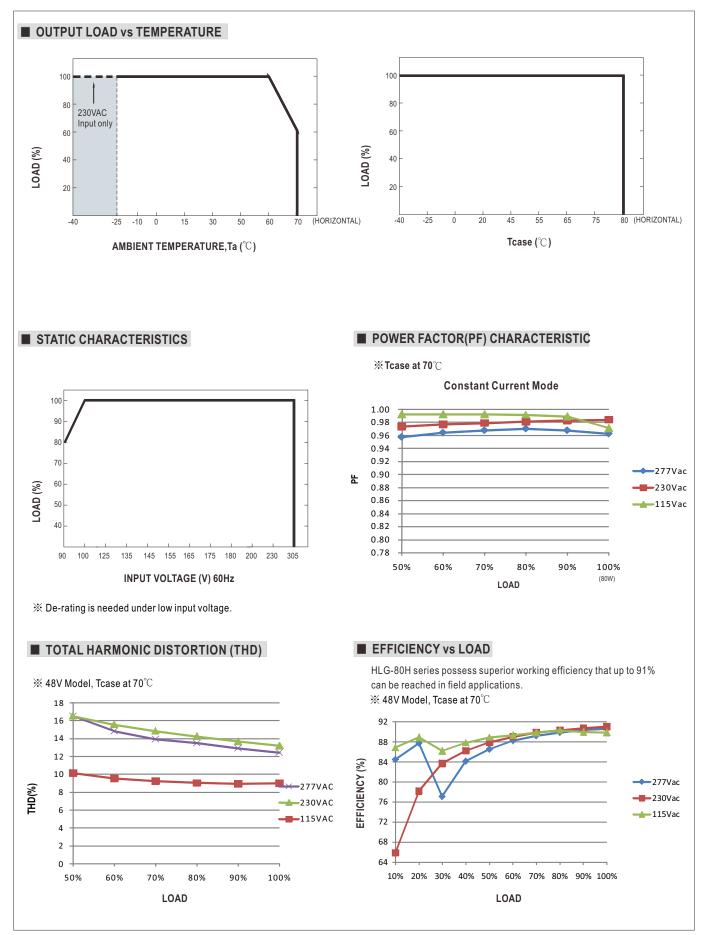


Note: In the case of turning the lighting fixture down to 0% brightness, please refer to the configuration as follow, or please contact MEAN WELL for other options.



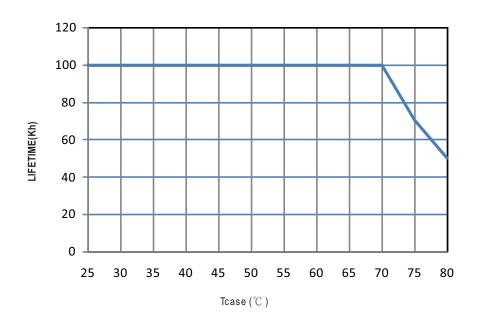
Using a switch and relay can turn ON/OFF the lighting fixture.



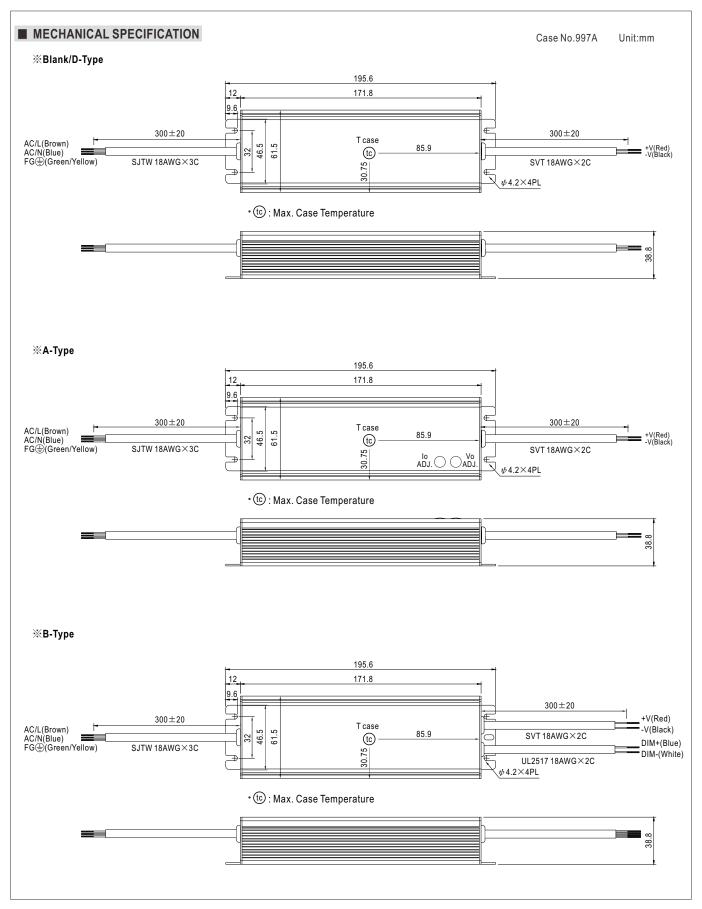




■ LIFETIME









■ WATERPROOF CONNECTION

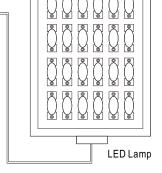
Waterproof connector

Waterproof connector can be assembled on the output cable of HLG-80H to operate in dry/wet/damp or outdoor environment.

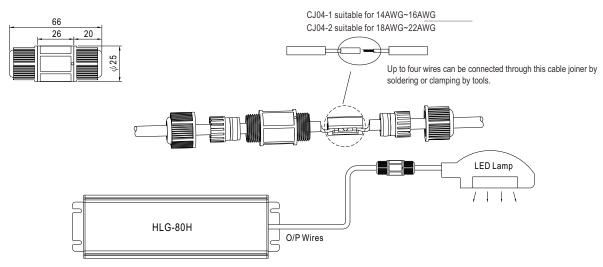


Size	Pin Configuration (Female)				
M12	00	000			
IVITZ	4-PIN	5-PIN			
	5A/PIN	5A/PIN			
Order No.	M12-04	M12-05			
Suitable Current	10A max.	10A max.			

Size	Pin Configuration (Female)			
M15	00			
IVITO	2-PIN			
	12A/PIN			
Order No.	M15-02			
Suitable Current	12A max.			

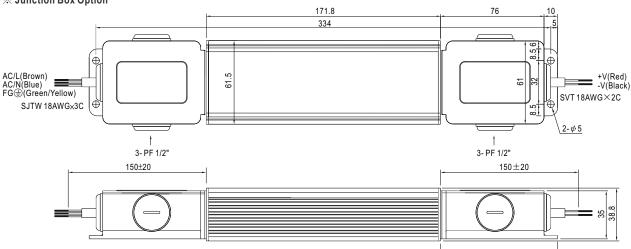


X Cable Joiner



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

% Junction Box Option



- ☐ Junction box option is available for A/B/Blank Type. Please contact MEAW WELL for details. ☐
- HLG-80H☐ BL models with junction box on both input and output sides are UL LISTED approved(modified by B type only).

■ INSTALLATION MANUAL

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