









Features

- Constant Voltage + Constant Current mode output
- Metal housing with class I design
- 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

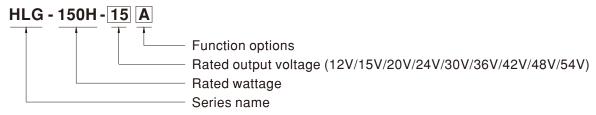
Applications

- · 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.

Description

HLG-150H series is a 150W AC/DC LED driver featuring the dual mode constant voltage and constant current output. HLG-150H 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 94%, with the fanless design, the entire series is able to operate for -40°C \sim +90°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-150H 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 and Vo adjustable through built-in potentiometer & 3 in 1 dimming function (1~10Vdc, 10V PWM signal and resistance)	In Stock
D	IP67	Timer dimming function, contact MEAN WELL for details(safety pending).	By request



SPECIFICATION

DC VOLTAGE 12V 15V 20V 24V 30V 36V 42V 48V 54V 54							J		J	J	J
CONSTANT CURRENT REGION No.8. 6 - 127	MODEL	1	HLG-150H-12	HLG-150H-15	HLG-150H-20	HLG-150H-24	HLG-150H-30	HLG-150H-36	HLG-150H-42	HLG-150H-48	HLG-150H-54
RATED CURRENT 12.5		DC VOLTAGE	12V	15V	20V	24V	30V	36V	42V	48V	54V
PATED POWER		CONSTANT CURRENT REGION Note.4	6 ~12V	7.5 ~ 15V	10 ~ 20V	12 ~ 24V	15 ~ 30V	18 ~ 36V	21 ~ 42V	24 ~ 48V	27 ~ 54V
RIPPLE & NOISE (max.) Note.2 150m/ysp 150m/ysp 150m/ysp 200m/ysp		RATED CURRENT	12.5A	10A	7.5A	6.3A	5A	4.2A	3.6A	3.2A	2.8A
VOLTAGE ADJ. RANGE		RATED POWER	150W	150W	150W	151.2W	150W	151.2W	151.2W	153.6W	151.2W
VOLTAGE ADJ. RANGE 10,3 -13,8 V 13,5 -17 V 17 - 22V 22 -27V 27 -33V 33 - 40V 38 - 46V 43 - 53V 49 - 58V		RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p
VOLTAGE ADJ. RANGE 10,3 -13,8 V 13,5 -17 V 17 - 22V 22 -27V 27 -33V 33 - 40V 38 - 46V 43 - 53V 49 - 58V			Adjustable fo	r A/AB-Type o	nly (via built-ir	potentiomete	er)				
CURRENT AD. RANGE		VOLTAGE ADJ. RANGE		, ,,	, , ,	·	T'	33 ~ 40V	38 ~ 46V	43 ~ 53V	49 ~ 58V
CURRENT ADJ. NANGE 7.5 - 12.5A 6 - 10A 4.5 - 7.5A 3.8 - 6.3A 3 - 5.6A 2.5 - 4.2A 2.16 - 3.6A 1.92 - 3.2A 1.68 - 2.	UTPUT	CURRENT ADJ. RANGE									
VOLTAGE TOLERANCE Note.3 ±2.5% ±2.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±0.5%						1	Τ΄	2.5 ~ 4.2A	2.16 ~ 3.6A	1.92 ~ 3.2A	1.68 ~ 2.8
LINE REGULATION		VOLTAGE TOLERANCE Note 3									
LOAD REGULATION											
SETUP, RISETIME											
HOLD UP TIME (Typ.) 16ms / 115VAC, 230VAC 30 - 305VAC 127 - 431VDC (Please refer to "STATIC CHARACTERISTIC" section)							10.5%	±0.570			⊥0.5/6
VOLTAGE RANGE					5001118,2001118	1230VAC					
VOLTAGE RANGE VOLTAGE VOLTAGE RANGE V		HOLD UP TIME (Typ.)		•							
FREQUENCY RANGE		VOLTAGE RANGE Note.5									
POWER FACTOR (Typ.) PF≥0.98/115VAC, PF≥0.95/230VAC, PF≥0.92/27TVAC @ full load (Please refet to "POWER FACTOR (PF) CHARACTERISTIC" section) THO 20% (@ load≥60% /115VAC, 230VAC, @ load≥75% / 27TVAC) (Please refet to "TOTAL HARMONIC DISTORTION (THD)" section) Pfelose refet to "TOTAL HARMONIC DISTORTION (THD)" section Pfelose refet to "DOTAL HARMONIC DISTORTION (Pfelose refet to "DOTAL HARMONIC DISTORTION			,	to "STATIC CH	ARACTERIST	ic" section)					
POWER FACTOR (Typ.) (Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)		FREQUENCY RANGE	47 ~ 63Hz								
Protection Pr		POWER FACTOR (Typ.)	PF≥0.98/115VAC, PF≥0.95/230VAC, PF≥0.92/277VAC @ full load								
Potential		TOWERTACTOR (Typ.)	(Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)								
PROTECTION Page		TOTAL HARMONIC DISTORTION	THD<20% (@ load≥60% / 115VAC,230VAC; @ load≥75% / 277VAC)								
AC CURRENT (Typ.) 1.7A / 115VAC 0.75A / 230VAC 0.7A / 277VAC INRUSH CURRENT (Typ.) COLD START 65A(twdm=425/xs measured at 50% peak) at 230VAC; Per NEMA 410 MAX. No. of PSUs on 16A CIRCUIT BREAKER LEAKAGE CURRENT	NPUT	TOTAL HARMONIC DISTORTION									
INRUSH CURRENT (Typ.) COLD START 65A(twdm=425/rs measured at 50% lpeak) at 230VAC; Per NEMA 410		EFFICIENCY (Typ.)	91.5%	92%	93%	93%	93.5%	93.5%	94%	94%	94%
MAX. No. of PSUs on 16A CIRCUIT BREAKER 4 units (circuit breaker of type B) / 7 units (circuit breaker of type C) at 230VAC		AC CURRENT (Typ.)	1.7A / 115VA	0.75A/	230VAC	D.7A / 277VAC	:				
MAX. No. of PSUs on 16A CIRCUIT BREAKER 4 units (circuit breaker of type B) / 7 units (circuit breaker of type C) at 230VAC		INRUSH CURRENT (Typ.)									
LEAKAGE CURRENT											
OVER CURRENT 95 ~ 108% Constant current limiting, recovers automatically after fault condition is removed SHORT CIRCUIT Constant current limiting, recovers automatically after fault condition is removed 14 ~ 17V 18 ~ 21V 23 ~ 27V 28 ~ 34V 34 ~ 38V 41 ~ 46V 47 ~ 53V 54 ~ 63V 59 ~ 65V Shut down o/p voltage with auto-recovery or re-power on to recovery OVER TEMPERATURE Shut down o/p voltage, recovers automatically after temperature goes down OVER TEMPERATURE Shut down o/p voltage, recovers automatically after temperature goes down OVER TEMPERATURE Shut down o/p voltage, recovers automatically after temperature goes down OVER TEMPERATURE Section OVER TEMPERATURE Section OVER TEMPERATURE S		LEAKAGE CURRENT	<0.75mA / 277VAC								
Constant current limiting, recovers automatically after fault condition is removed											
SHORT CIRCUIT Constant current limiting, recovers automatically after fault condition is removed 14 ~ 17V 18 ~ 21V 23 ~ 27V 28 ~ 34V 34 ~ 38V 41 ~ 46V 47 ~ 53V 54 ~ 63V 59 ~ 65V		OVER CURRENT	H	and limiting as		tinally after fac	ili aamalii am ia m				
OVER VOLTAGE OVER TEMPERATURE Shut down o/p voltage with auto-recovery or re-power on to recovery OVER TEMPERATURE Shut down o/p voltage, recovers automatically after temperature goes down WORKING TEMP. Tcase= +40 + +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section) MAX. CASE TEMP. Tcase= +90°C WORKING HUMIDITY 20 ~ 95% RH non-condensing STORAGE TEMP, HUMIDITY 40 ~ +80°C, 10 ~ 95% RH TEMP. COEFFICIENT ±0.03%/°C (0 ~ 60°C) VIBRATION 10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes UL8750(type"HL"), CSA C22.2 No. 250.0-08; EN/AS/NZS 61347-2-13 independent; GB19510.1, GB19510.1, GB19510.1, KC61347-2-13(except for AB, D-type), BIS IS15885(for 12B, 24B, 36A, 54A only), EAC TP TC 004; KC61347-1, KC61347-2-13(except for AB, D-type) approved; Design refer to UL60950-1, TUV EN60950-1 WITHSTAND VOLTAGE I/P-O/P: 3.75KVAC I/P-FG: 2KVAC O/P-FG: 1.5KVAC ISOLATION RESISTANCE I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC / 25°C / 70% RH EMC EMISSION Compliance to EN55015, EN55032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥ 60%); EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020 EMC IMMUNITY Compliance to EN55015, EN5032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥ 60%); EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020 EMC IMMUNITY Compliance to EN55015, EN5032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥ 60%); EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020 EMC IMMUNITY Compliance to EN55016, EN55032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥ 60%); EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020 EMC IMMUNITY Compliance to EN55016, EN5032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥ 60%); EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020 EMC IMMUNITY Compliance to EN55016, EN5032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥ 60%); EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020 EMC IMMUNITY Compliance to EN55016, EN5032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥ 60%); EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020 EMC		CHORT CIRCUIT	,								
OVER VOLTAGE Shut down o/p voltage with auto-recovery or re-power on to recovery OVER TEMPERATURE Shut down o/p voltage, recovers automatically after temperature goes down WORKING TEMP. Tcase= -40 ~ +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section) MAX. CASE TEMP. Tcase= +90°C WORKING HUMIDITY 20 ~ 95% RH non-condensing STORAGE TEMP., HUMIDITY +40 ~ +80°C, 10 ~ 95% RH TEMP. COEFFICIENT 10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes UL8750(type"HL"), CSA C22.2 No. 250.0-08; EN/AS/NZS 61347-1, EN/AS/NZS 61347-2-13 independent; GB19510.1, GB19510.1 P65 or IP67; J61347-1, J61347-2-13(except for B,AB and D-type), BIS IS15885 (for 12B,24B,36A,54A only), EAC TPTC 004; KC61347-1, KC61347-2-13(except for AB,D-type) approved; Design refer to UL60950-1, TUV EN60950-1 WITHSTAND VOLTAGE WITHSTAND VOLTAGE I/P-O/P:3.75KVAC I/P-FG:ZKVAC O/P-FG:1.5KVAC ISOLATION RESISTANCE I/P-O/P:3.75KVAC I/P-FG:ZKVAC O/P-FG:1.5KVAC EMC EMISSION Compliance to EN55015, EN55032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥ 60%); EN61000-3-3, GB17743 and GB17625.1, EAC TPTC 020 EMC IMMUNITY Compliance to EN561000-4-2,3,4,5,8,11, EN61547, EN55024, light industry level (surge immunity Line-Earth 4KV, Line-Line 2KV), EAC TPTC 021 MTBF 192.2K hrs min. MIL-HDBK-217F (25°C) DIMENSION 228*68*38.8mm PACKING 1.15Kg; 12pcs/14.8Kg/0.8CUFT	ROTECTION	SHUKT CIRCUIT							47 501/	E4 C2\/	E0 051/
Shut down o/p voltage with auto-recovery or re-power on to recovery		OVER VOLTAGE						41 ~ 46V	47 ~ 53V	54 ~ 63V	59 ~ 65 V
WORKING TEMP. Tcase= -40 ~ +90 °C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section)						<u> </u>					
MAX. CASE TEMP. Tcase= +90°C WORKING HUMIDITY 20 ~ 95% RH non-condensing STORAGE TEMP., HUMIDITY 40 ~ +80°C, 10 ~ 95% RH TEMP. COEFFICIENT ±0.03%/°C (0 ~ 60°C) VIBRATION 10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes UL8750(type°HL"), CSA C22.2 No. 250.0-08; EN/AS/NZS 61347-1, EN/AS/NZS 61347-2-13 independent; GB19510.1, GB19510.1 P85 or IP67; J61347-1, J61347-2-13(except for B,AB and D-type), BIS IS15885(for 12B,24B,36A,54A only), EAC TP TC 004; KC61347-1, KC61347-2-13(except for AB,D-type) approved; Design refer to UL60950-1, TUV EN60950-1 WITHSTAND VOLTAGE I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC ISOLATION RESISTANCE I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/70% RH EMC EMISSION Compliance to EN55015, EN55032 (CISPR32) Class B, EN61000-3-2 Class C (@ load≥60%); EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020 EMC IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, light industry level (surge immunity Line-Earth 4KV, Line-Line 2KV), EAC TP TC 020 WTBF 192.2K hrs min. MIL-HDBK-217F (25°C) DIMENSION 228*68*38.8mm PACKING 1.15Kg; 12pcs/14.8Kg/0.8CUFT		OVER TEMPERATURE									
WORKING HUMIDITY 20 ~ 95% RH non-condensing		WORKING TEMP.	Tcase= -40 ~ +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section)								
STORAGE TEMP., HUMIDITY		MAX. CASE TEMP.									
STORAGE TEMP, HUMIDITY	NVIDONMENT	WORKING HUMIDITY	20 ~ 95% RH non-condensing								
VIBRATION 10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes SAFETY STANDARDS UL8750(type"HL"), CSA C22.2 No. 250.0-08; EN/AS/NZS 61347-1, EN/AS/NZS 61347-2-13 independent; GB19510.1, GB19510.1 IP65 or IP67; J61347-1, J61347-2-13(except for B,AB and D-type),BIS IS15885(for 12B,24B,36A,54A only), EAC TP TC 004; KC61347-1,KC61347-2-13(except for AB,D-type) approved; Design refer to UL60950-1, TUV EN60950-1 WITHSTAND VOLTAGE I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC EMC ISOLATION RESISTANCE I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH EMC EMISSION Compliance to EN55015, EN55032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥60%); EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020 EMC IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, light industry level (surge immunity Line-Earth 4KV, Line-Line 2KV), EAC TP TC 020 WTBF 192.2K hrs min. MIL-HDBK-217F (25°C) DIMENSION 228*68*38.8mm PACKING 1.15Kg; 12pcs/14.8Kg/0.8CUFT	NVIKUNWENI	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH								
SAFETY STANDARDS UL8750(type"HL"), CSA C22.2 No. 250.0-08; EN/AS/NZS 61347-1, EN/AS/NZS 61347-2-13 independent; GB19510.1, GB19510.1 IP65 or IP67; J61347-1, J61347-2-13 (except for B,AB and D-type),BIS IS15885(for 12B,24B,36A,54A only), EAC TP TC 004; KC61347-1,KC61347-2-13 (except for AB,D-type) approved; Design refer to UL60950-1, TUV EN60950-1 WITHSTAND VOLTAGE		TEMP. COEFFICIENT	±0.03%/°C (0~60°C)								
SAFETY STANDARDS UL8750(type"HL"), CSA C22.2 No. 250.0-08; EN/AS/NZS 61347-1, EN/AS/NZS 61347-2-13 independent; GB19510.1, GB19510.1 IP65 or IP67; J61347-1, J61347-2-13 (except for B,AB and D-type),BIS IS15885(for 12B,24B,36A,54A only), EAC TP TC 004; KC61347-1,KC61347-2-13 (except for AB,D-type) approved; Design refer to UL60950-1, TUV EN60950-1 WITHSTAND VOLTAGE		VIBRATION									
ISOLATION RESISTANCE		SAFETY STANDARDS	UL8750(type"HL"), CSA C22.2 No. 250.0-08; EN/AS/NZS 61347-1, EN/AS/NZS 61347-2-13 independent; GB19510.1, GB19510.14; IP65 or IP67; J61347-1, J61347-2-13 (except for B,AB and D-type), BIS IS15885(for 12B,24B,36A,54A only), EAC TP TC 004;								
ISOLATION RESISTANCE	SAFETY &	WITHSTAND VOLTAGE	I/P-O/P:3.75	KVAC I/P-F	G:2KVAC O	/P-FG:1.5KVA	AC .				
EMC EMISSION Compliance to EN55015, EN55032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥ 60%); EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020 EMC IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, light industry level (surge immunity Line-Earth 4KV, Line-Line 2KV), EAC TP TC MTBF DITHERS DIMENSION 228*68*38.8mm PACKING 1.15Kg; 12pcs/14.8Kg/0.8CUFT											
EMC IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, light industry level (surge immunity Line-Earth 4KV, Line-Line 2KV), EAC TPT(Compliance to EN55015, EN55032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥ 60%); EN61000-3-3,								
MTBF 192.2K hrs min. MIL-HDBK-217F (25°C) DIMENSION 228*68*38.8mm PACKING 1.15Kg; 12pcs/14.8Kg/0.8CUFT		EMC IMMUNITY	·						, EAC TP TC		
DIMENSION 228*68*38.8mm			-				5	,	,	,	,
PACKING 1.15Kg; 12pcs/14.8Kg/0.8CUFT	THERS										
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			0. 1			it rated ourse	nt and 25°C at	ambient terr	oraturo		

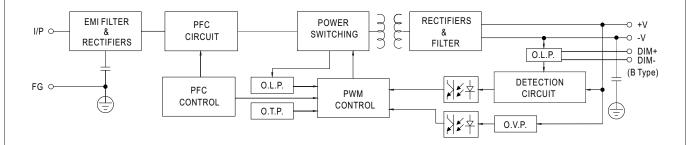
NOTE

- 1. All parameters NOT specially mentioned are measured at 230VAC input, rated current and 25°C of ambient temperature
- 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.
- 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 (tc) point (or TMP, per DLC), is about 80 ℃ 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



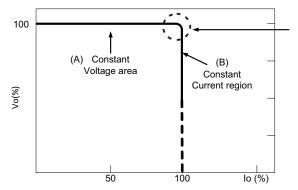
■ BLOCK DIAGRAM

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.



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.

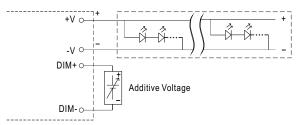


■ DIMMING OPERATION



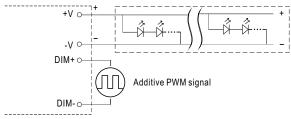
imes 3 in 1 dimming function (for B/AB-Type)

- $\cdot \ \mathsf{Output} \ \mathsf{constant} \ \mathsf{current} \ \mathsf{level} \ \mathsf{can} \ \mathsf{be} \ \mathsf{adjusted} \ \mathsf{by} \ \mathsf{applying} \ \mathsf{one} \ \mathsf{of} \ \mathsf{the} \ \mathsf{three} \ \mathsf{methodologies} \ \mathsf{between} \ \mathsf{DIM+} \ \mathsf{and} \ \mathsf{DIM-} \mathsf{ind} \ \mathsf{one} \ \mathsf{one$
 - 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



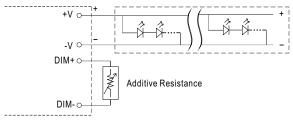
"DO NOT connect "DIM- to -V"

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

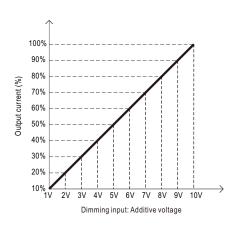


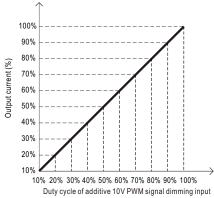
"DO NOT connect "DIM- to -V"

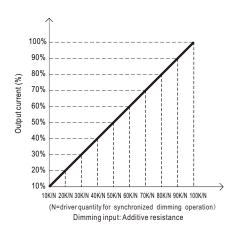
Applying additive resistance:



"DO NOT connect "DIM- to -V"

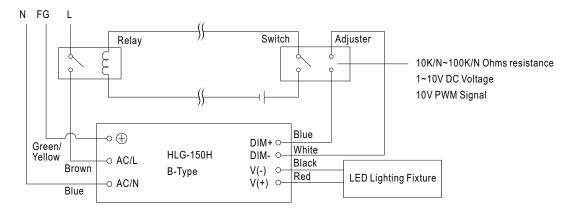






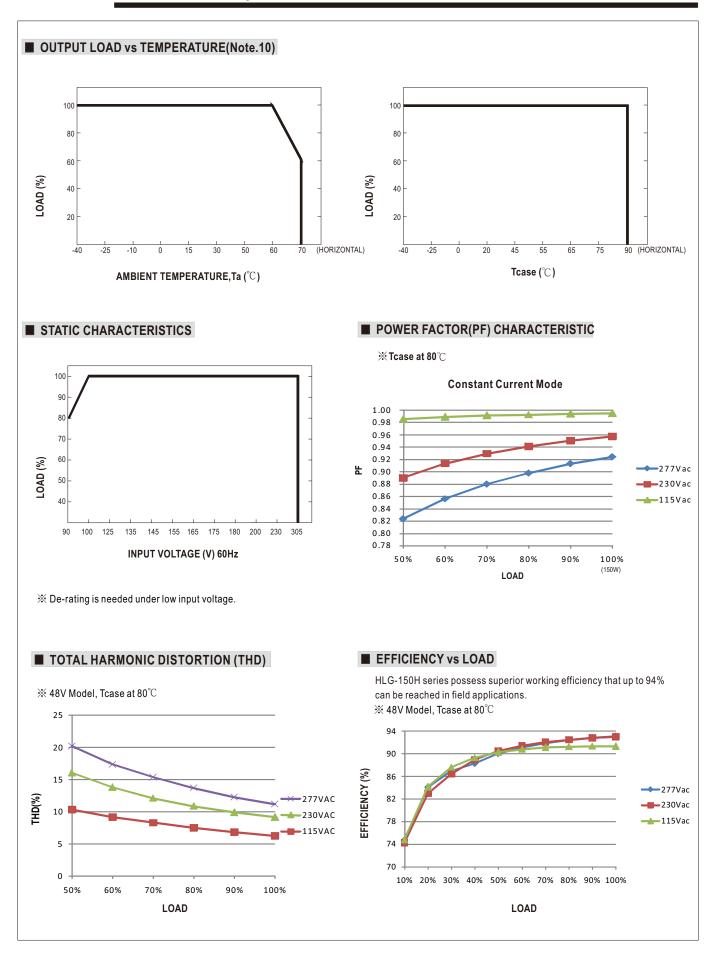


Note: In the case of turning the lighting fixture down to 0% brightness, please refer to the configuration as follow, or please contact MEAN WELL for other options.



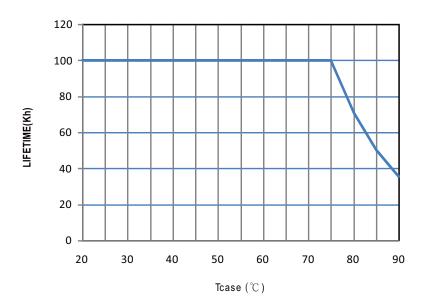
Using a switch and relay can turn ON/OFF the lighting fixture.



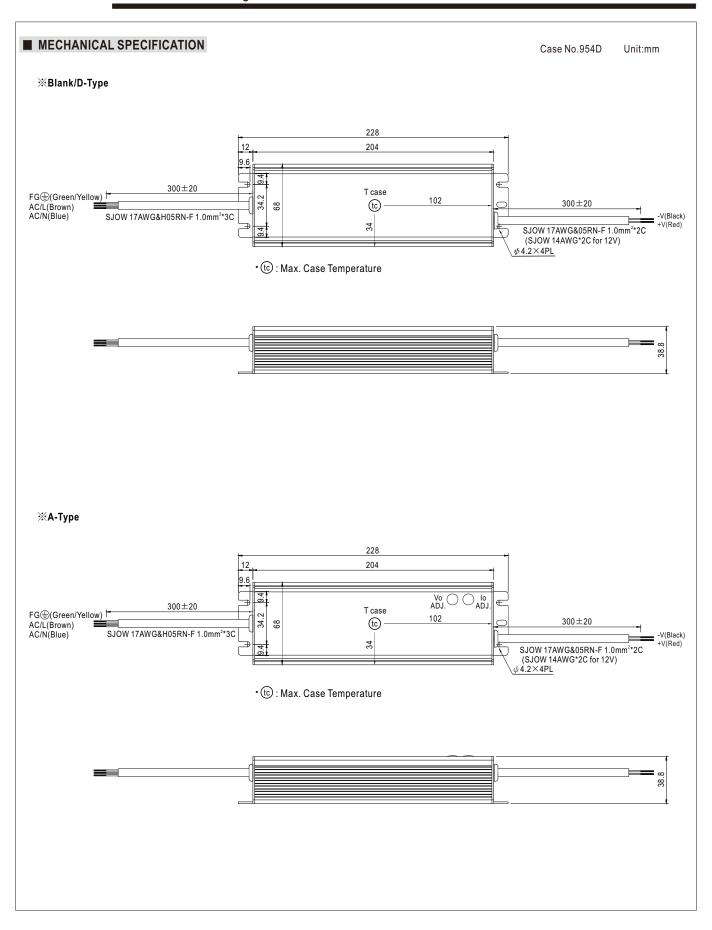




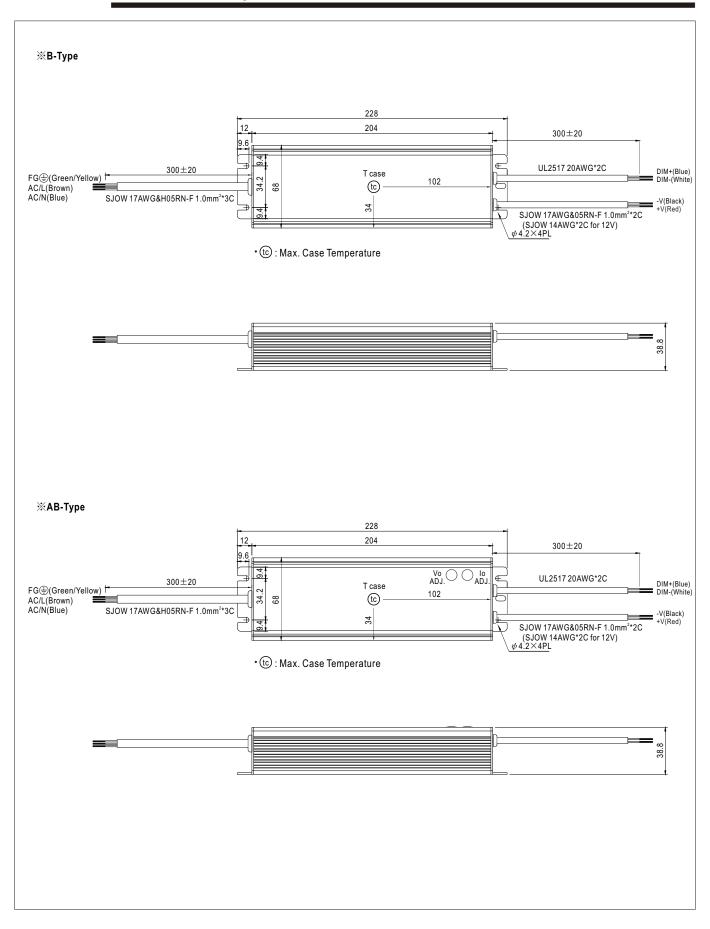
■ LIFE TIME









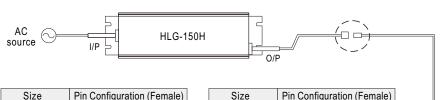




■ WATERPROOF CONNECTION

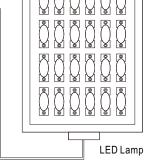
Waterproof connector

 $Water proof connector can be assembled on the output cable of HLG-150H \ to operate in \ dry/wet/damp \ or outdoor \ environment.$

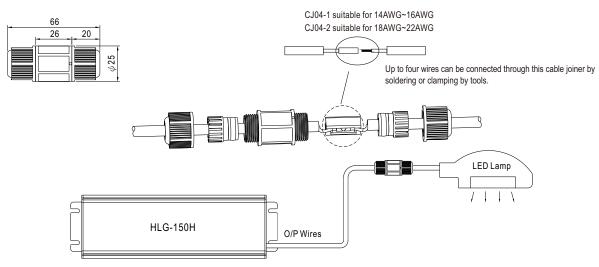


Size	Pin Configuration (Female)			
M12	000	000		
IVITZ	4-PIN	5-PIN		
	5A/PIN	5A/PIN		
Order No.	M12-04	M12-05		
Suitable Current	10A max.	10A max.		

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

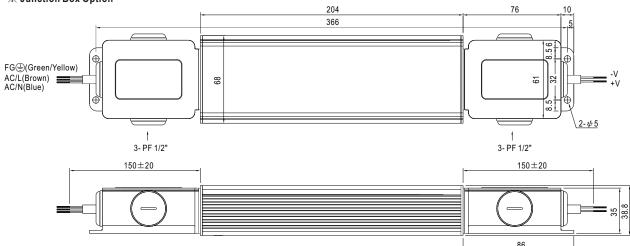


※ Cable Joiner



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

% Junction Box Option



O Junction box option is available for A/Blank - Type. Please contact MEAW WELL for details.

■ INSTALLATION MANUAL

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





Declaration of Conformity

For the following equipment:

Product Name: LED Driver

Model Designation: HLG-100x-yz (x=H or blank; y=20,24,30,36,42,48,54; z=A, B, AB or blank) HLG-wx-yz(w=120,150 or 185; x=H or blank; y=12,15,20,24,30,36,42,48,54; z=A, B, AB or blank)

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied:

RoHS Directive (2011/65/EU), (EU)2015/863

Energy-Related Products Directive (2009/125/EC)

Implementing measure COMMISSION REGULATION(EU) No 2019/2020

Low Voltage Directive (2014/35/EU):

EN 61347-1:2015 ; EN 61347-2-13:2014+A1 TUV Certificate No : R50185176

Electromagnetic Compatibility Directive (2014/30/EU):

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN IEC 55015:2019+A11:2020

Harmonic current	EN IEC 61000-3-2:2019	class C(≧50% load)
Voltage flicker	EN 61000-3-3:2013+A1:2019	

EMS (Electro-Magnetic Susceptibility)

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211 010 17 2000			
ESD air	EN 61000-4-2:2009	Level 4	15KV
ESD contact	EN 61000-4-2:2009	Level 4	5KV
RF field susceptibility	EN IEC 61000-4-3:2020	Level 2	3V/m
EFT bursts	EN 61000-4-4:2012	Level 2	1KV/5KHz
Surge susceptibility	EN 61000-4-5:2014+A1:2017	Level 4	2KV/Line-Line
Surge susceptibility	EN 61000-4-5:2014+A1:2017	Level 4	4KV/Line-Earth
Conducted susceptibility	EN 61000-4-6:2014	Level 2	3V
Magnetic field immunity	EN 61000-4-8:2010	Level 2	3A/m
Voltage dip, interruption	EN IEC 61000-4-11:2020	30% dip 10 periods	100% interruptions 0.5 periods

Note

Component power supply will be operated with a 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. Tests above are only to be performed with LED load.

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED power supply can only be used behind a switch without permanently connected to the mains.

This Declaration is effective from serial number GC1xxxxxxx

Person responsible for marking this declaration:

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Aries Jian/Director, Group R & D:

(Name / Position)

(Signature) (Signature)

Alex Tsai/ Director, Product Strategy Center: (Name / Position)

(Signature)

Taiwan

Aug. 16th, 2021

(Place)

(Date)