

Наличие и актуальные цены на

HLG-100H-36AB

https://www.meanwell.ru/store/HLG-100H-36AB/











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Applications

· LED street lighting

LED fishing lamp

GTIN CODE

LED high-bay lighting

Parking space lighting

LED greenhouse lighting

Type "HL" for use in Class I , Division 2

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

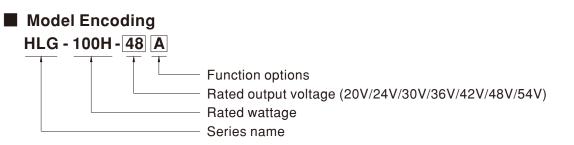
hazardous (Classified) location.

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

Description

HLG-100H series is a 100W AC/DC LED driver featuring the dual mode constant voltage and constant current output. HLG-100H operates from 90 ~ 305VAC and offers models with different rated voltage ranging between 20V and 54V. Thanks to the high efficiency up to 93%, 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-100H is equipped with various function options, such as dimming methodologies, so as to provide the optimal design flexibility for LED lighting system.



Туре	IP Level	Function	Note
Blank	IP67	lo and Vo fixed	In Stock
A	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

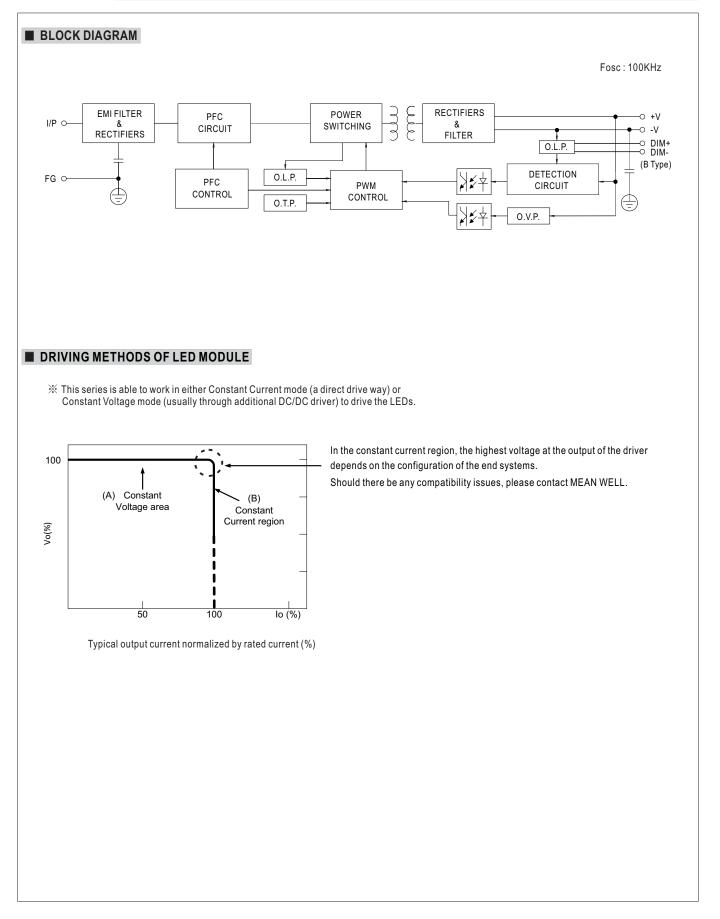
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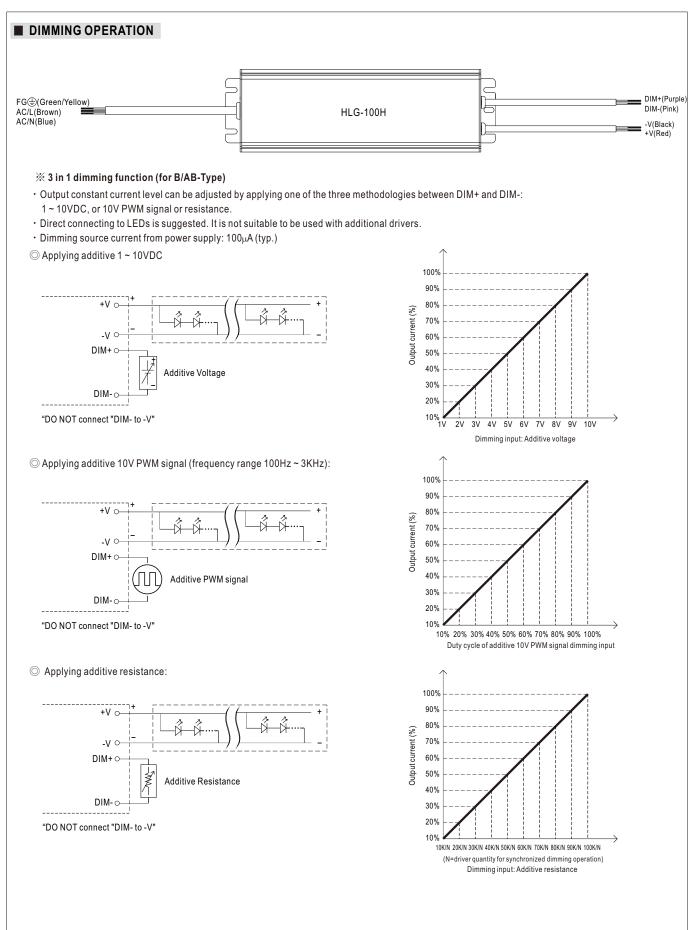
SPECIFICATION

		HLG-100H-20	HLG-100H-24	HLG-100H-30] HLG-100H-36] HLG-100H-42	HLG-100H-48	HLG-100H-54		
	DC VOLTAGE	20V	24V	30V	36V	42V	48V	54V		
	CONSTANT CURRENT REGION Note.4	10~20V	12 ~ 24V	15~30V	18 ~ 36V	21 ~ 42V	24 ~ 48V	27 ~ 54V		
	RATED CURRENT	4.8A	4A	3.2A	2.65A	2.28A	2A	1.77A		
	RATED POWER	96W	96W	96W	95.4W	95.76W	96W	95.58W		
	RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p		
OUTPUT		Adjustable for A	AB-Type only (via	built-in potentiom	ieter)					
	VOLTAGE ADJ. RANGE	17 ~ 22V 22 ~ 27V 27 ~ 33V 33 ~ 40V 38 ~ 46V 43 ~ 53V 49 ~ 58V								
UUIPUI		Adjustable for A/	AB-Type only (via	built-in potentiom	ieter)					
	CURRENT ADJ. RANGE	3~4.8A	2.5 ~ 4A	2~3.2A	1.65 ~ 2.65A	1.4 ~ 2.28A	1.25 ~ 2A	1.1~1.77A		
	VOLTAGE TOLERANCE Note.3	±1.0%	±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%		
	LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%		
							_ 010 /0			
	HOLD UP TIME (Typ.)	Note.6 1200ms,50ms/115VAC 500ms,50ms/230VAC 16ms / 115VAC, 230VAC 16ms / 115VAC, 230VAC 16ms / 115VAC								
	VOLTAGE RANGE Note.5	90 ~ 305VAC 127 ~ 431VDC								
		(Please refer to "STATIC CHARACTERISTIC" section)								
	FREQUENCY RANGE	47~63Hz								
	POWER FACTOR (Typ.)	PF≧0.98/115VA	C, PF≧0.95/230VA	AC, PF≧0.93/277	VAC @ full load					
		(Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)								
INPUT	TOTAL HARMONIC DISTORTION	THD<20% (@load≧60% / 115VAC,230VAC; @load≧75% / 277VAC)								
		(Please refer to	"TOTAL HARMON	IC DISTORTION	(THD)" section)					
	EFFICIENCY (Typ.)	93%	93%	93%	93%	93%	93%	93%		
	AC CURRENT (Typ.)	1.2A / 115VAC	0.55A / 230VAC	0.5A / 277V	AC					
	INRUSH CURRENT (Typ.)	COLD START 60	A(twidth=415µs meas	sured at 50% Ipeak)	at 230VAC; Per NE	MA 410				
	MAX. No. of PSUs on 16A									
	CIRCUIT BREAKER	4 units (circuit breaker of type B) / 8 units (circuit breaker of type C) at 230VAC								
	LEAKAGE CURRENT									
	OVER CURRENT	95 ~ 106%	P 10		f					
		Constant current limiting, recovers automatically after fault condition is removed Constant current limiting, recovers automatically after fault condition is removed								
PROTECTION	SHORT CIRCUIT		-	-			54 0014	50 0514		
	OVER VOLTAGE	23 ~ 27V	28 ~ 34V	34 ~ 38V	41~46V	47 ~ 53V	54 ~ 63V	59 ~ 65V		
			oltage with auto-rec							
	OVER TEMPERATURE Note.9	g Shut down o/p voltage, recovers automatically after temperature goes down								
ENVIRONMENT	WORKING TEMP.	Tcase= -40 ~ +80°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section)								
	MAX. CASE TEMP.	Tcase=+80°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								
		SAFETY STANDARDS UL8750(type"HL"), CSA C22.2 No. 250.0-08; BS EN/EN 61347-1, BS EN/EN 61347-2-13, AS/NZS 61347-1(except for AB-type), AS/NZS 61347-2-13(except for AB-type) independent; GB19510.1,GB19510.14,IP65 or IP67, J61347-1, J61347-2-13(except for AB-type)								
	SAFETY STANDARDS Note.8									
		D-type), KC61347-1, KC61347-2-13(except for D-type), EAC TP TC 004 approved								
SAFETY &	WITHSTAND VOLTAGE	I/P-O/P:3.75KV/	AC I/P-FG:2KVA	C 0/P-FG:1.5K	(VAC					
EMC	ISOLATION RESISTANCE	I/P-O/P, I/P-FG,	O/P-FG:100M Ohr	ms / 500VDC / 25°	°C/70% RH					
	EMC EMISSION Note.8		S EN/EN55015, BS			000-3-2 Class C (@ load≧60%) ; BS	EN/EN61000-3-3		
		GB/T 17743, GB17625.1, EAC TP TC 020, KSC 9815(except for D-type) Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN61547, BS EN/EN55024, light industry level (surge immunity								
	EMC IMMUNITY	Line-Earth 4KV, Line-Line 2KV), EAC TP TC 020, KSC 9547(except for D-type)								
	MTBF	2185.8K hrs min. Telcordia SR-332(Bellcore); 167.1K hrs min. MIL-HDBK-217F (25°C)								
OTHERS		220*68*38.8mm		552(Delicole),	101.11(11/3111111.		(200)			
	DIMENSION		· /							
	PACKING 1. All parameters NOT special	1.12Kg; 12pcs/14			1.05°0 5					
NOTE	 Ripple & noise are measure Tolerance : includes set up 1 Please refer to "DRIVING M De-rating may be needed u Length of set up time is mediated in the driver is considered as complete installation, the fin (as available on https://www. To fulfill requirements of the connected to the mains. For OTP which triggered at 10. This series meets the typic 11. Please refer to the warrant 12. The ambient temperature of 13. For any application note an https://www. 	tolerance, line reg IETHODS OF LEI nder low input vol asured at first colc a component that al equipment mar meanwell.com//Uµ latest ErP regulat light load/no load al life expectancy y statement on M derating of 3.5°C/1	ulation and load rep D MODULE". tages. Please refer d start. Turning ON, will be operated in ufacturers must re- bload/PDF/EMI_sta- ion for lighting fixtu condition, proceed of >62,000 hours of EAN WELL's webs 1000m with fanless function installation	gulation. to "STATIC CHAI /OFF the driver m combination with qualify EMC Dire atement_en.pdf) res, this LED drive AC repower on to of operation when site at http://www.r models and of 5	RACTERISTIC" se ay lead to increase final equipment. S ctive on the comple er can only be use o recovery. Tcase, particularly neanwell.com 'C/1000m with fan	ctions for details. e of the set up tim ince EMC perforr ete installation ag d behind a switch (c) point (or TMF models for operat	e. nance will be affec ain. without permanen P, per DLC), is abo	tly ut 80℃ or less.		





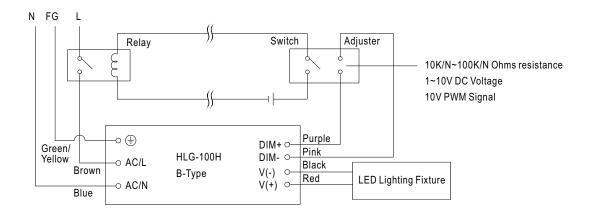






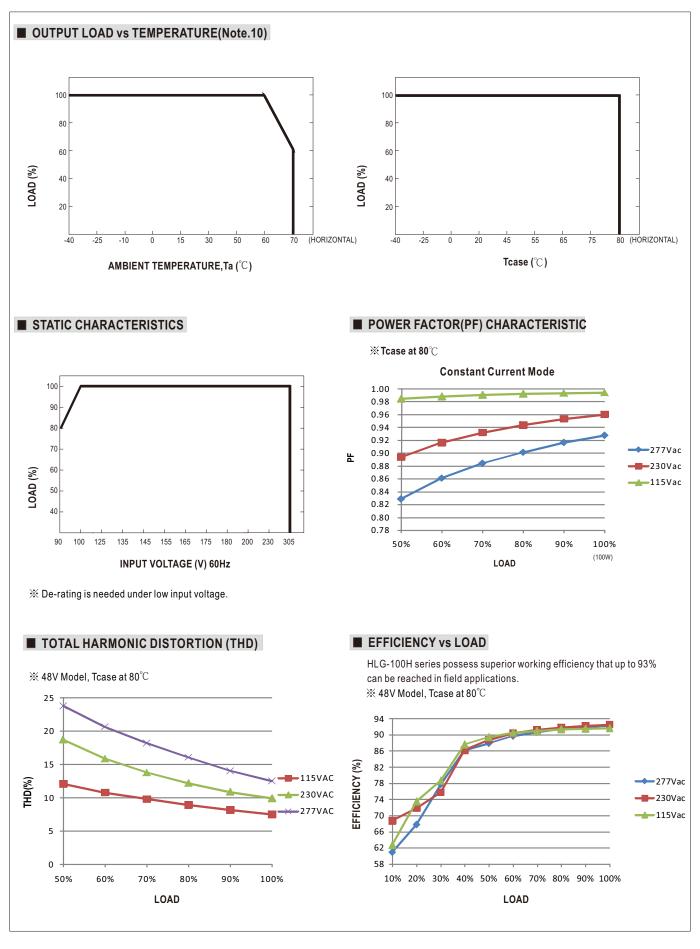
HLG-100H series

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.

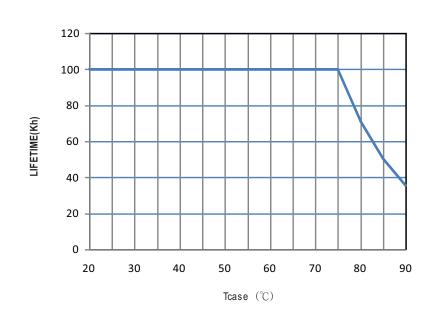




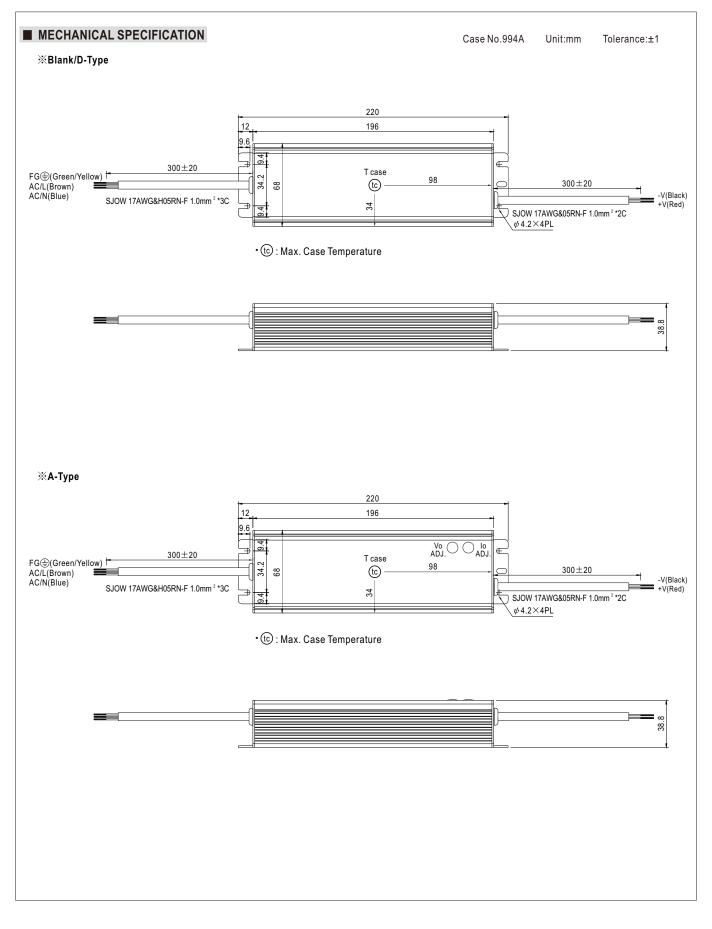


HLG-100H series

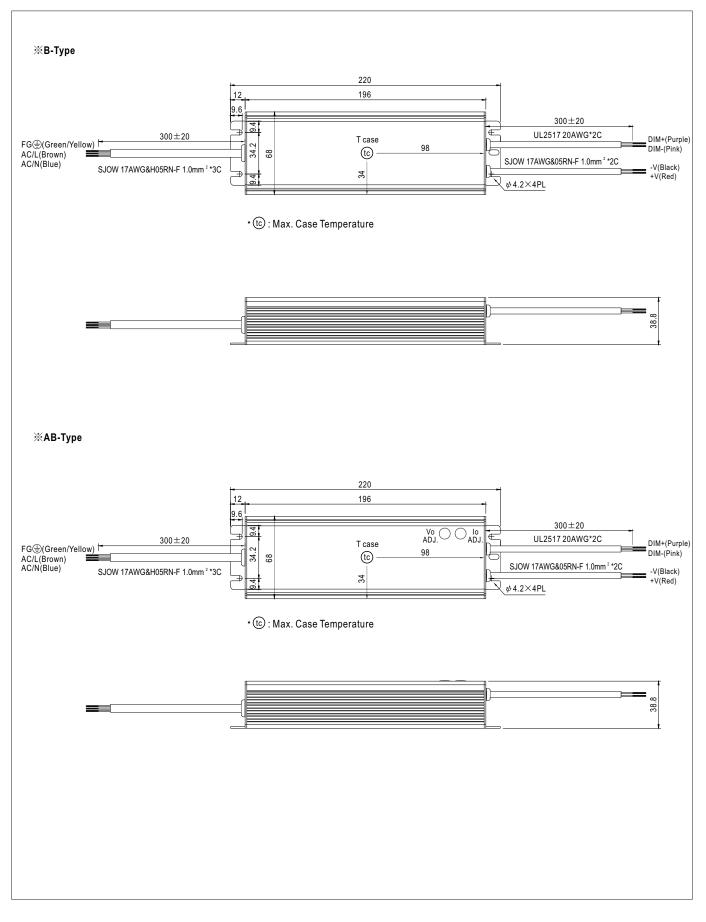
LIFE TIME













HLG-100H series

WATERPROOF CONNECTION

$\divideontimes {\rm Waterproof\, connector}$

Waterproof connector can be assembled on the output cable of HLG-100H to operate in dry/wet/damp or outdoor environment.

