

Наличие и актуальные цены на

HLG-185H-48A

https://www.meanwell.ru/store/HLG-185H-48A/







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Features

- Constant Voltage + Constant Current mode output
- · Metal housing with class ${\mathbb I}$ 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

Description

Applications

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- · 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.

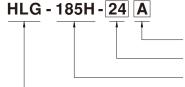
GTIN CODE

MW Search: <u>https://www.meanwell.com/serviceGTIN.aspx</u>

SELV IP65 IP67 (PR)

HLG-185H series is a 185W AC/DC LED driver featuring the dual mode constant voltage and constant current output. HLG-185H 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° C ~ $+90^{\circ}$ 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-185H is equipped with various function options, such as dimming methodologies, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding



Function options Rated output voltage (12V/15V/20V/24V/30V/36V/42V/48V/54V)

- Rated wattage
- Series name

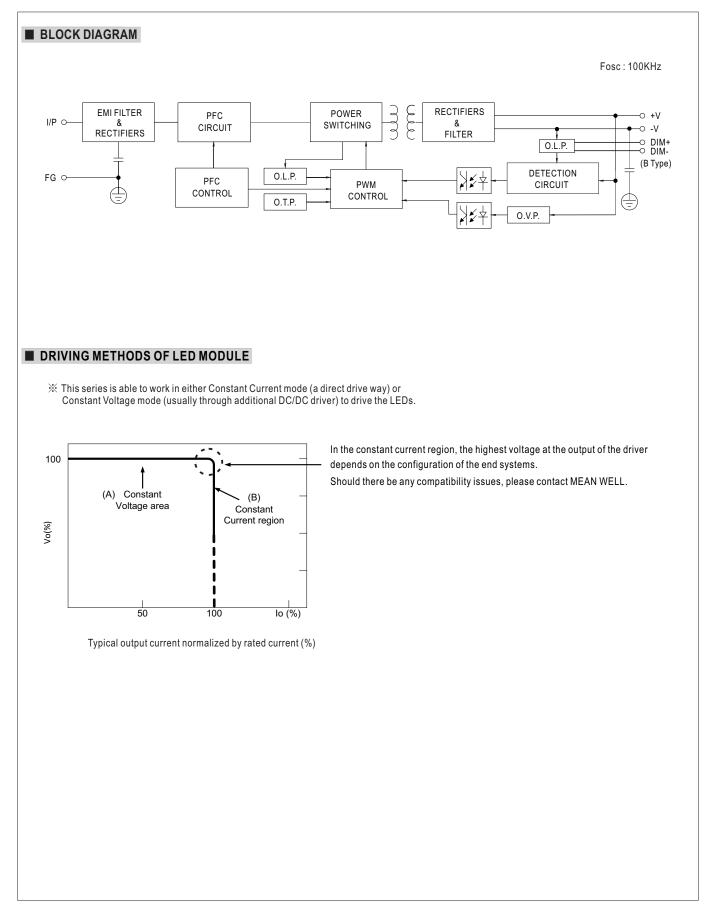
Туре	IP Level	Function	Note
Blank	IP67	lo and Vo fixed	In Stock
A	IP65	Io and Vo adjustable through built-in potentiometer	In Stock
В	IP67	3 in 1 dimming function (1~10VDC, 10V PWM signal and resistance)	In Stock
AB	IP65	Io and Vo adjustable through built-in potentiometer & 3 in 1 dimming function (1~10Vdc, 10V PWM signal and resistance)	In Stock
D	IP67	Timer dimming function, contact MEAN WELL for details(safety pending).	By request



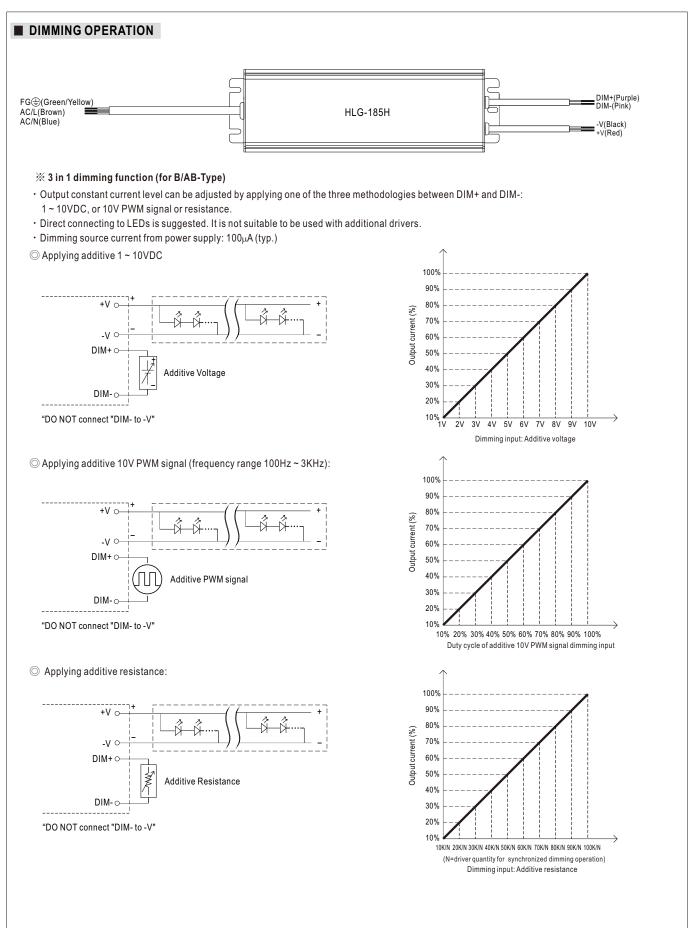
SPECIFICATION

MODEL			HLG-185H-12	HLG-185H-15	HLG-185H-20	HLG-185H-24	HLG-185H-30	HLG-185H-36	HLG-185H-42	HLG-185H-48	HLG-185H-54	
	DC VOLTAGE		12V	15V	20V	24V	30V	36V	42V	48V	54V	
	CONSTANT CURRENT	REGION Note.4	6~12V	7.5 ~ 15V	10 ~ 20V	12~24V	15~30V	18 ~ 36V	21 ~ 42V	24 ~ 48V	27 ~ 54V	
	RATED CURRENT		13A	11.5A	9.3A	7.8A	6.2A	5.2A	4.4A	3.9A	3.45A	
	RATED POWER		156W	172.5W	186W	187.2W	186W	187.2W	184.8W	187.2W	186.3W	
OUTPUT		max) Note ?		150mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	
	RIPPLE & NOISE (max.) Note.2		· · ·					200111vp-p	2001110p-p	20011vp-p	20011vp-p	
	VOLTAGE ADJ. RANGE		Adjustable for A/AB-Type only (via built-in potentiometer) 10.8 ~ 13.5V 13.5 ~ 17V 17 ~ 22V 22 ~ 27V 27 ~ 33V 33 ~ 40V 38 ~ 46V 43 ~ 53V 49 ~ 58V									
0011 01			Adjustable fo	r A/AB-Type o	nly (via built-ir	n potentiomete	er)					
	CURRENT ADJ. RANGE		6.5 ~ 13A	5.75 ~ 11.5A	4.65~9.3A	3.9~7.8A	3.1 ~ 6.2A	2.6 ~ 5.2A	2.2~4.4A	1.95 ~ 3.9A	1.72 ~ 3.45	
	VOLTAGE TOLER	ANCE Note.3	±2.5%	±2.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	LINE REGULATIO	N	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	LOAD REGULATI		±2.0%	±1.5%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	$\pm 0.5\%$	
							0.070	= 0.070	= 0.070			
	SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.)		1000ms,200ms/115VAC 500ms,200ms/230VAC 16ms / 115VAC, 230VAC									
	HOLD UP TIME (1	yp.)										
	VOLTAGE RANGE Note.5		90 ~ 305VAC 127 ~ 431VDC (Please refer to "STATIC CHARACTERISTIC" section)									
	FREQUENCY RANGE		47 ~ 63Hz									
		-	PF≥0 98/115	5VAC, PF≧0.9	5/230VAC PE	≥0.92/277VA	C @ full load					
	POWER FACTOR	(Тур.)		to "POWER FA			0					
			· ·		()		,	()				
	TOTAL HARMONIC	TOTAL HARMONIC DISTORTION		@ load≧50%		-		0)				
INPUT				r to "TOTAL HA								
	EFFICIENCY (Typ		91.5%	92%	93%	93.5%	93.5%	93.5%	94%	94%	94%	
	AC CURRENT	12V	1.8A / 115VA	C 0.8A/2	30VAC 0	.7A/277VAC						
	(Тур.)	15V ~ 54V	2.1A / 115VA	C 0.9A/2	30VAC 0	.8A/277VAC						
	INRUSH CURREN	Т (Тур.)	COLD START	65A(twidth=445	μs measured a	it 50% Ipeak) at 2	230VAC; Per N	EMA 410				
	MAX. No. of PSUs	,										
	CIRCUIT BREAKE		4 units (circui	t breaker of typ	oe B) / 7 units ((circuit breaker	of type C) at 2	30VAC				
	LEAKAGE CURRENT		<0.75mA/27	7VAC								
PROTECTION	LEAKAGE CURRENT											
	OVER CURRENT		95 ~ 108%									
			Constant current limiting, recovers automatically after fault condition is removed									
	SHORT CIRCUIT		Constant curr	ent limiting, re	covers automa	tically after fau	It condition is r	emoved				
	OVER VOLTAGE		14 ~ 17V	18~21V	23 ~ 27V	28 ~ 34V	34 ~ 38V	41~46V	47 ~ 53V	54 ~ 63V	59~65V	
			Shut down o/r	p voltage with a	auto-recoverv (or re-power on	to recovery					
	OVER TEMPERATURE		Shut down o/p voltage with auto-recovery or re-power on to recovery Shut down o/p voltage, recovers automatically after temperature goes down									
ENVIRONMENT		UNE										
	WORKING TEMP.		Tcase= -40 ~ +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section)									
			Tcase= +90°C 20 ~ 95% RH non-condensing									
	WORKING HUMIDITY				ıy							
	STORAGE TEMP., HUMIDITY		-40 ~ +80 °C , 10 ~ 95% RH									
	TEMP. COEFFICIENT		±0.03%/°C((0~60°C)								
	VIBRATION		10 ~ 500Hz, 5	5G 12min./1cyc	le, period for	72min. each al	ong X, Y, Z axe	S				
	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 (except for D-type); IP65 or IP67; J61347-1, J61347-2-13(except for D-type), EAC TP TC 004, KC61347-1,KC61347-2-13(except for D-type) approved									
SAFETY &	WITHSTAND VOL	WITHSTAND VOLTAGE		I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC								
EMC												
OTHERS	EMC EMISSION		I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH Compliance to BS EN/EN55015, BS EN/EN55032 (CISPR32) Class B, BS EN/EN61000-3-2 Class C (@ load≧50%) ;									
			BS EN/EN61000-3-3, GB/T 17743, GB17625.1(except for D-type) ,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									
	MTBF		Line-Earth 4KV, Line-Line 2KV), EAC TP TC 020, KSC 9547(except for D-type)									
			2184.8K hrs min. Telcordia SR-332 (Bellcore) ; 197.3K hrs min. MIL-HDBK-217F (25°C)									
	DIMENSION		228*68*38.8mm (L*W*H)									
	PACKING		1.15Kg; 12pcs/14.8Kg/0.8CUFT r mentioned are measured at 230VAC input, rated current and 25°C of ambient temperature.									
NOTE										t		
NOTE	 Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. Tolerance : includes set up tolerance, line regulation and load regulation. 											
	 Iolerance : inclu Please refer to " 			•	•							
						TIC CHARACT	ERISTIC" secti	ons for details				
	 De-rating may be needed 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. 											
	 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.										
	connected to the		life expectancy of >62,000 hours of operation when Tcase, particularly (to point (or TMP, per DLC), is about 75°C or less.									
	connected to the 9. This series mee	ts the typical			/ statement on MEAN WELL's website at http://www.meanwell.com. erating of 3.5℃/1000m with fanless models and of 5℃/1000m with fan models for operating altitude higher than 2000m(6500ft).							
	connected to the 9. This series mee 10. Please refer to	ts the typical the warranty	statement on I	MEAN WELL's				odels for oner	ating altitude bi	aher than 2000	m(6500#)	
	connected to the 9. This series mee 10. Please refer to 11. The ambient te	ts the typical the warranty mperature de	v statement on I erating of 3.5°C	MEAN WELL's /1000m with fa	anless models a	and of 5°C/100	0m with fan m		ating altitude hig	gher than 2000	m(6500ft).	
	connected to the 9. This series mee 10. Please refer to 11. The ambient te 12. For any applica	ts the typical the warranty mperature de ation note an	v statement on I erating of 3.5℃. d IP water proo	MEAN WELL's /1000m with fa f function instal	anless models a	and of 5°C/100	0m with fan m		ating altitude hig	gher than 2000	m(6500ft).	
	connected to the 9. This series mee 10. Please refer to 11. The ambient te 12. For any applica	ts the typical the warranty mperature de ation note an eanwell.com/l	v statement on I erating of 3.5°C, d IP water proo Jpload/PDF/LE	MEAN WELL's /1000m with fa f function instal D_EN.pdf	anless models a Ilation caution,	and of 5°C/100 please refer ou	0m with fan m		ating altitude hi	gher than 2000	m(6500ft).	
	connected to the 9. This series mee 10. Please refer to 11. The ambient te 12. For any applica https://www.me	ts the typical the warranty mperature de ation note an eanwell.com/l need to cons	v statement on I erating of 3.5°C, d IP water proo Jpload/PDF/LE sider build in usi	MEAN WELL's /1000m with fa of function instal D_EN.pdf ing to comply v	anless models a Illation caution, with Type HL a	and of 5°C/100 please refer ou pplication.	0m with fan m ur user manual	before using.	-	gher than 2000	m(6500ft).	





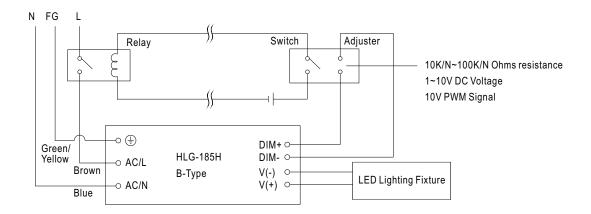






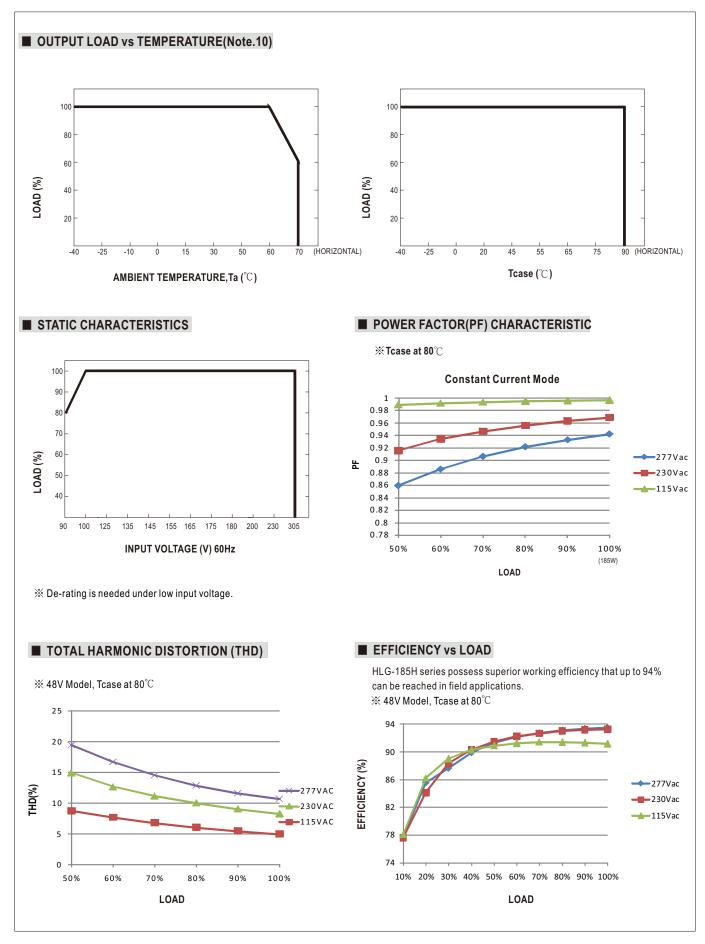
HLG-185H series

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.

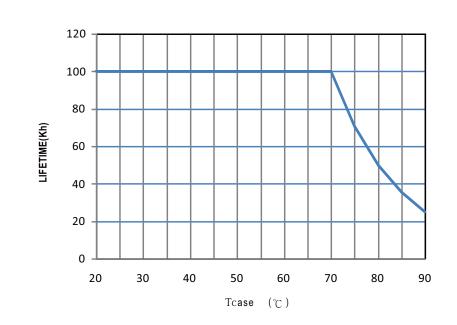




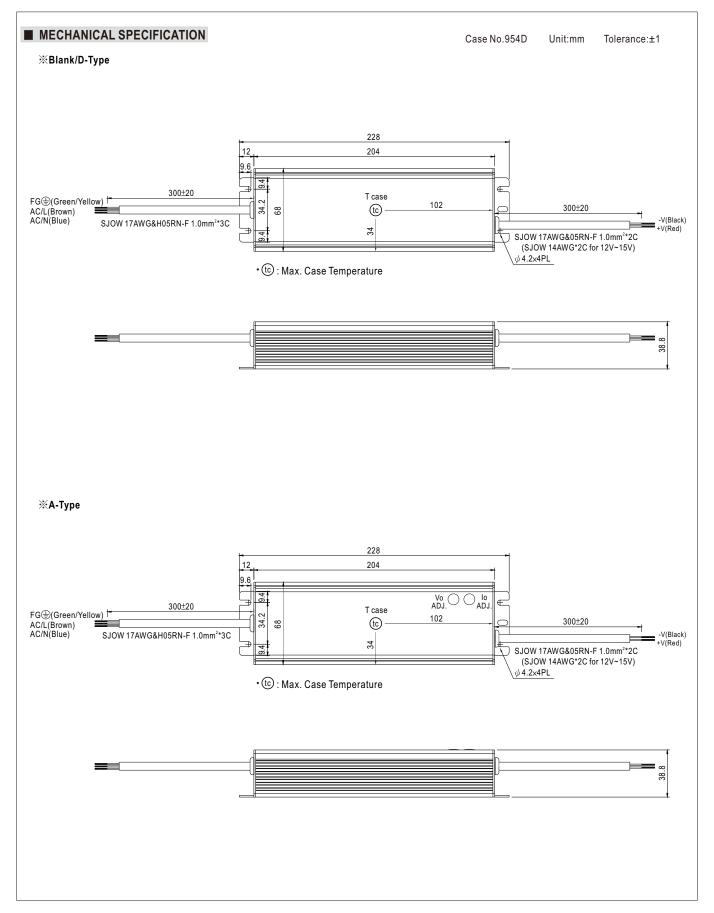


HLG-185H series

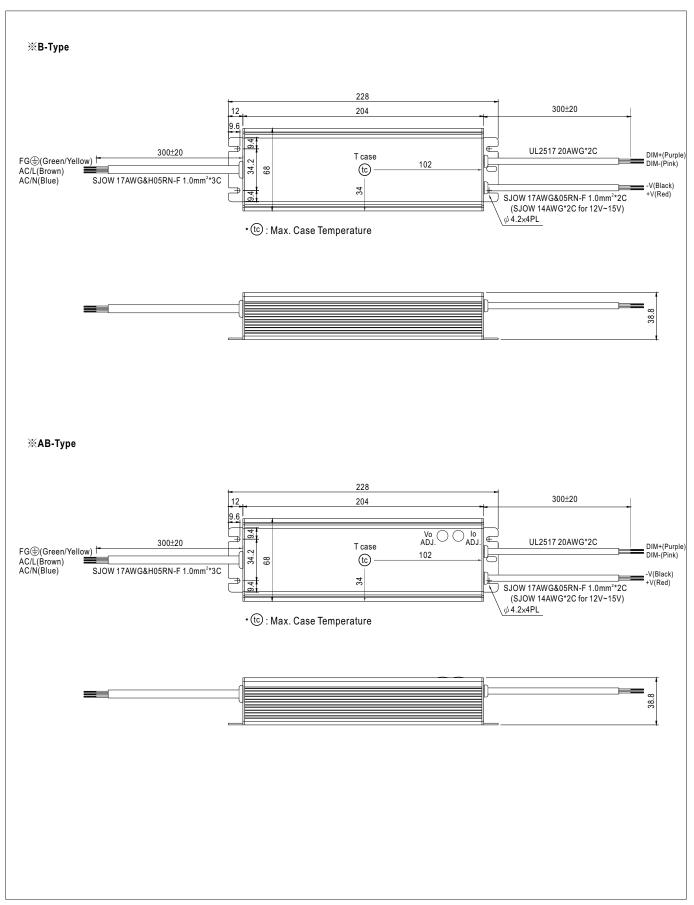
LIFE TIME









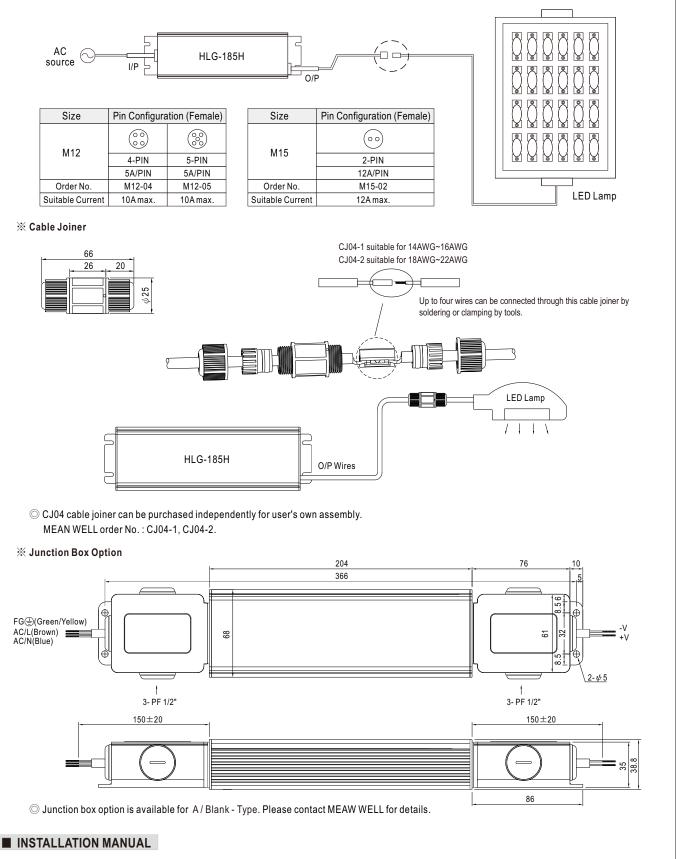




WATERPROOF CONNECTION

$\% \ {\rm Waterproof} \ {\rm connector}$

Waterproof connector can be assembled on the output cable of HLG-185H to operate in dry/wet/damp or outdoor environment.



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