





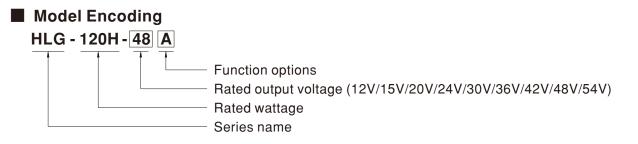


### Features

- 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; Timer dimming
- Typical lifetime > 62000 hours
- · 7 years warranty

### Description

HLG-120H series is a 120W AC/DC LED driver featuring the dual mode constant voltage and constant current output. HLG-120H operates from 90 ~ 305VAC and offers models with different rated voltage ranging between 12V and 54V. Thanks to the high efficiency up to 93.5%, with the fanless design, the entire series is able to operate for  $-40^{\circ}C$  ~  $+80^{\circ}C$  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-120H 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	Io 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

### WY SELV IP

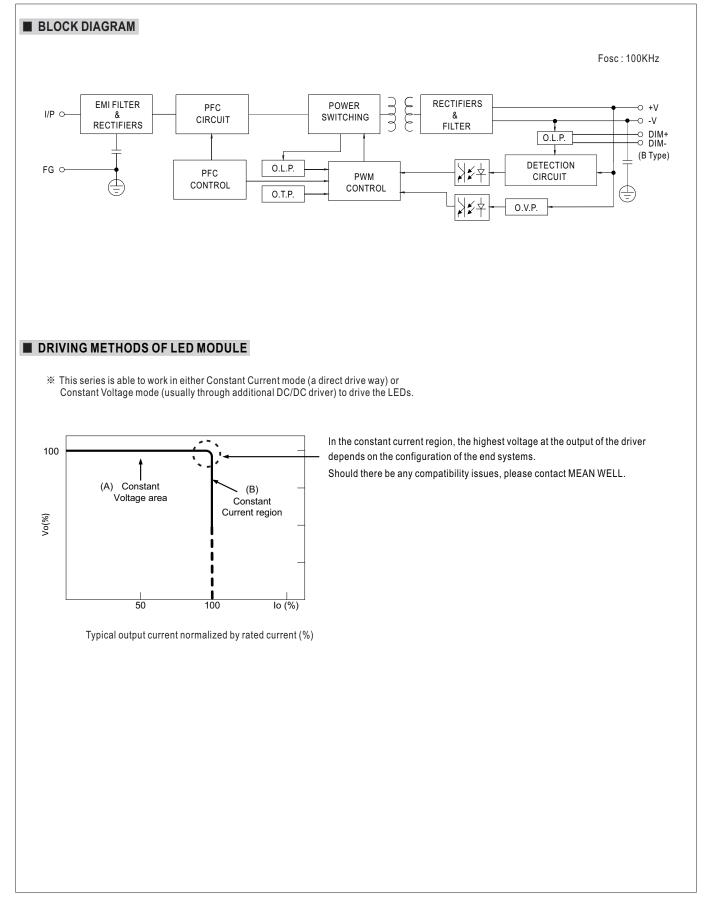
- Applications
   LED street lighting
- LED high-bay lighting
- · Darking an and in his
- Parking space lighting
- LED fishing lamp
- LED greenhouse lighting
- Type "HL" for use in Class I , Division 2 hazardous (Classified) location.



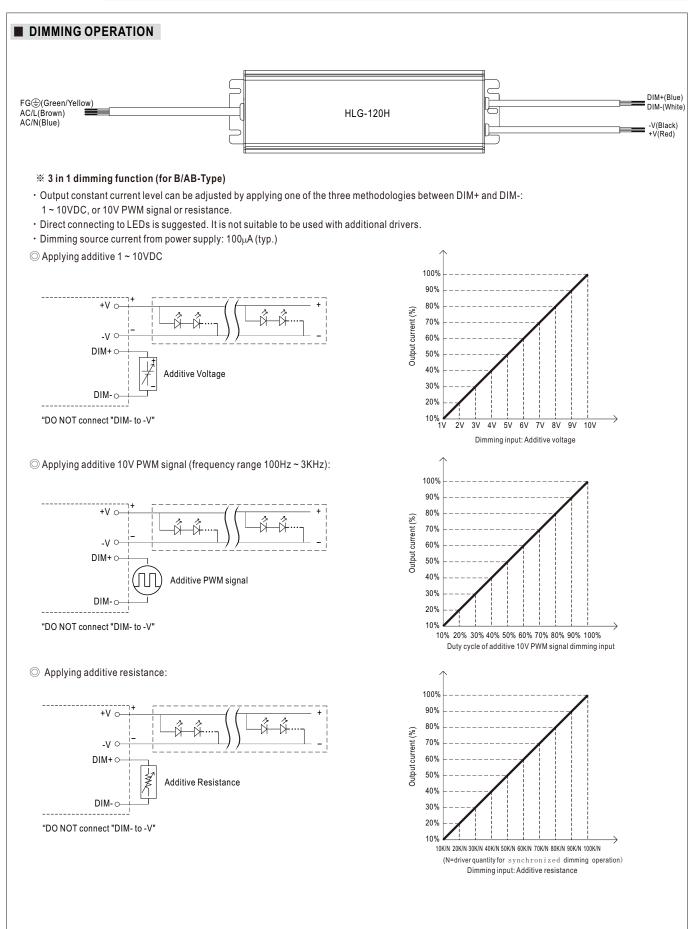
#### SPECIFICATION

		HLG-120H-12	HLG-120H-15	HLG-120H-20	HLG-120H-24	HLG-120H-30	HLG-120H-36	HLG-120H-42	HLG-120H-48	HLG-120H-54	
	DC VOLTAGE	12V	15V	20V	24V	30V	36V	42V	48V	54V	
OUTPUT	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	10A	8A	6A	5A	4A	3.4A	2.9A	2.5A	2.3A	
	RATED POWER	120W	120W	120W	120W	120W	122.4W	121.8W	120W	124.2W	
	RIPPLE & NOISE (max.) Note.2	-	150mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	
				nly (via built-ir			Loomvpp	200mmp p	2001119.0	20011100	
	VOLTAGE ADJ. RANGE	10.8 ~ 13.5V		17 ~ 22V	22 ~ 27V	27 ~ 33V	33 ~ 40V	38 ~ 46V	43~53V	49~58V	
				I			55~400	30~400	43~53V	49~300	
	CURRENT ADJ. RANGE			nly (via built-ir	T.	1	47 0 44	4.4 0.04	4.0.054	4.4 0.04	
		5~10A	4~8A	3~6A	2.5~5A	2~4A	1.7 ~ 3.4A	1.4 ~ 2.9A	1.2 ~ 2.5A	1.1~2.3A	
	VOLTAGE TOLERANCE Note.3		±2.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	LINE REGULATION	±0.5%	$\pm 0.5\%$	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	LOAD REGULATION	±2.0%	±1.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	SETUP, RISE TIME Note.6	1200ms,50m	s/115VAC 5	00ms,50ms/23	30VAC						
	HOLD UP TIME (Typ.)	12ms / 115VA	C, 230VAC								
		90 ~ 305VAC 127 ~ 431VDC									
	VOLTAGE RANGE Note.5										
	FREQUENCY RANGE	47 ~ 63Hz									
			VAC PF≥09	5/230VAC, PF	≥0 93/277VA	C @ full load					
	POWER FACTOR (Typ.)			CTOR (PF) CH		0					
				. ,		,	()				
	TOTAL HARMONIC DISTORTION					≧75% / 277VA	0)				
INPUT		`		ARMONIC DIS	· · · ·	, , ,	0.001	0.001	00	00	
-	EFFICIENCY (Typ.)	92%	92%	93%	93%	93%	93%	93%	93.5%	93.5%	
	AC CURRENT (Typ.)	1.4A / 115VA			55A / 277VAC						
	INRUSH CURRENT (Typ.)	COLD START	60A(twidth=375	us measured a	t 50% Ipeak) at 2	230VAC; Per N	EMA 410				
-	MAX. No. of PSUs on 16A										
	CIRCUIT BREAKER	5 units (circuit breaker of type B) / 9 units (circuit breaker of type C) at 230VAC									
Ī	LEAKAGE CURRENT	<0.75mA/277VAC									
		95 ~ 108%									
	OVER CURRENT										
1		Constant current limiting, recovers automatically after fault condition is removed									
H	SHORT CIRCUIT	Constant current limiting, recovers automatically after fault condition is removed									
PROTECTION	OVER VOLTAGE	14 ~ 17V	18 ~ 21V	23 ~ 27V	28 ~ 34V	34 ~ 38V	41 ~ 46V	47 ~ 53V	54 ~ 63V	59~65V	
		Shut down o/	voltage with a	auto-recovery c	or re-power on	to recovery					
	OVER TEMPERATURE	Shut down o/	o voltage, reco	vers automatic	ally after temp	erature goes d	own				
	WORKING TEMP.	Tcase=-40~	+80°C (Pleas	e refer to "OU"	FPUT LOAD v	s TEMPERATI	JRE" section)				
	MAX. CASE TEMP.	Tcase=+80°C									
Ī	WORKING HUMIDITY	20 ~ 95% RH non-condensing									
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-40 ~ +80°C,		0							
H	TEMP. COEFFICIENT	±0.03%/°C (0									
			,		70	X X 7					
	VIBRATION					ong X, Y, Z axe					
	SAFETY STANDARDS         Note.8         UL8750(type"HL"), CSA C22.2 No. 250.0-08, EN/AS/NZS 61347-1, EN/AS/NZS 61347-2-13 independen           IP65 or IP67, J61347-1, J61347-2-13(except for B,AB and D-type),BIS         IS15885( for 12B,24B,36A,54A c           KC61347-1,KC61347-2-13(except for D-type) approved         KC61347-1,KC61347-2-13(except for D-type)										
	SAFETY STANDARDS Note.8	IP65 or IP67,	J61347-1, J61	347-2-13(exce	pt for B,AB and						
-	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE	IP65 or IP67, KC61347-1,K	J61347-1, J61 C61347-2-13(	347-2-13(exce	pt for B,AB and pe) approved	d D-type),BIS					
SAFETY &		IP65 or IP67, KC61347-1,K I/P-O/P:3.75	J61347-1, J61 C61347-2-13( 〈VAC I/P-F	347-2-13(exce except for D-ty	pt for B,AB and pe) approved /P-FG:1.5KVA	d D-type),BIS					
SAFETY & EMC	WITHSTAND VOLTAGE	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F	J61347-1, J61 C61347-2-13( KVAC I/P-F G, O/P-FG:10	347-2-13(exce except for D-ty G:2KVAC 0/ 00M Ohms / 50	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C /	d D-type),BIS C 70% RH	IS15885( for 12	2B,24B,36A,54		P TC 004,	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to	J61347-1, J61 C61347-2-13( KVAC I/P-F G, O/P-FG:10 EN55015, EN55	347-2-13(exce except for D-ty G:2KVAC 0/ 00M Ohms / 50 5032 Class B, E	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cla	d D-type),BIS IC 70% RH ass C (@ load≧	IS15885( for 12	2B,24B,36A,54 0-3-3,GB17743	A only), EAC T and GB17625.1,	P TC 004, EAC TP TC (	
SAFETY &	WITHSTAND VOLTAGE ISOLATION RESISTANCE	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to	J61347-1, J61 C61347-2-13( (VAC I/P-F) G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3,	347-2-13(exce except for D-ty G:2KVAC 0/ 00M Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cli 547, EN55024, I	d D-type),BIS C 70% RH ass C (@ load≧ ight industry leve	IS15885( for 12 50%) ; EN6100 el (surge immuni	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K	IA only), EAC T	P TC 004, EAC TP TC (	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to 559.5K hrs mi	J61347-1, J61 C61347-2-13( (VAC I/P-F) G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF	347-2-13(exce except for D-ty G:2KVAC 0/ 00M Ohms / 50 5032 Class B, E	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cli 547, EN55024, I	d D-type),BIS C 70% RH ass C (@ load≧ ight industry leve	IS15885( for 12	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K	A only), EAC T and GB17625.1,	P TC 004, EAC TP TC (	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8n	J61347-1, J61 C61347-2-13( KVAC I/P-Fi G, O/P-FG:1( EN55015, EN55 EN61000-4-2,3, n. Telcordia SF Imm (L*W*H)	347-2-13(exce except for D-ty G:2KVAC 0, 00M Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cli 547, EN55024, I	d D-type),BIS C 70% RH ass C (@ load≧ ight industry leve	IS15885( for 12 50%) ; EN6100 el (surge immuni	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K	A only), EAC T and GB17625.1,	P TC 004, EAC TP TC (	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8n 1.12Kg; 12pcs	J61347-1, J61 C61347-2-13( (VAC I/P-Fr G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF nm (L*W*H) s/14.4Kg/0.8Cl	347-2-13(exce except for D-ty G:2KVAC 0, 00M Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl: 547, EN55024, I ); 167.1Khrs r	d D-type),BIS C 70% RH ass C (@ load≧ ight industry leve min. MIL-HD	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25°C	28,248,36A,54 0-3-3,GB17743 ty Line-Earth 4K C)	A only), EAC T and GB17625.1,	P TC 004, EAC TP TC (	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8n 1.12Kg; 12pcs y mentioned a	J61347-1, J61 C61347-2-13( (VAC I/P-F( G, O/P-FG:1( EN55015, EN55 EN61000-4-2,3, n. Telcordia SF nm (L*W*H) s/14.4Kg/0.8Cl re measured a	347-2-13(exce except for D-ty G:2KVAC 0, 00M Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore JJFT at 230VAC input	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ /N61000-3-2 Cl: 547, EN55024, I /); 167.1Khrs r	d D-type),BIS C 70% RH ass C (@ load ≧ ight industry leve min. MIL-HD nt and 25°C o	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25°C	28,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature.	A only), EAC T and GB17625.1, V, Line-Line 2KV	P TC 004, EAC TP TC (	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT speciall 2. Ripple & noise are measure	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8n 1.12Kg; 12pcs y mentioned a d at 20MHz of	J61347-1, J61 C61347-2-13( (VAC I/P-Fr G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF nm (L*W*H) s/14.4Kg/0.8Cl re measured a bandwidth by	347-2-13(exce except for D-ty G:2KVAC 0, 00M Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore JJFT at 230VAC inpu using a 12" tw	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ /N61000-3-2 Ck 547, EN55024, I /); 167.1Khrs r ut, rated curren visted pair-wire	d D-type),BIS C 70% RH ass C (@ load ≧ ight industry leve min. MIL-HD nt and 25°C o	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25°C	28,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature.	A only), EAC T and GB17625.1, V, Line-Line 2KV	P TC 004, EAC TP TC (	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT speciall 2. Ripple & noise are measure 3. Tolerance : includes set up	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8n 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line	J61347-1, J61 C61347-2-13( (VAC I/P-Fr G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF mr (L*W*H) s/14.4Kg/0.8Cl re measured a bandwidth by regulation and	347-2-13(exce except for D-ty G:2KVAC 0, 00M Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore JFT at 230VAC inpu using a 12" tw load regulatio	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ /N61000-3-2 Ck 547, EN55024, I /); 167.1Khrs r ut, rated curren visted pair-wire	d D-type),BIS C 70% RH ass C (@ load ≧ ight industry leve min. MIL-HD nt and 25°C o	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25°C	28,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature.	A only), EAC T and GB17625.1, V, Line-Line 2KV	P TC 004, EAC TP TC (	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT speciall 2. Ripple & noise are measure 3. Tolerance : includes set up 4. Please refer to "DRIVING M	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to 559.5K hrs mi 220*68*38.8n 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line ETHODS OF	J61347-1, J61 C61347-2-13( (VAC I/P-Fr G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF mm (L*W*H) /14.4Kg/0.8Cl re measured a bandwidth by regulation and LED MODULE	347-2-13(exce except for D-ty G:2KVAC 0, 00M Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 8-332 (Bellcore JFT at 230VAC inpi using a 12" tw load regulatio 5".	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ /N61000-3-2 Ck 547, EN55024, I /); 167.1Khrs r ut, rated curren visted pair-wire n.	d D-type),BIS C 70% RH ass C (@ load ≧ light industry leve min. MIL-HE nt and 25°C o e terminated w	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25%) f ambient tem ith a 0.1uf & 4	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature. 7uf parallel ca	A only), EAC T and GB17625.1, V, Line-Line 2KV	P TC 004, EAC TP TC (	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT speciall 2. Ripple & noise are measure 3. Tolerance : includes set up 4. Please refer to "DRIVING M 5. De-rating may be needed up	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to 559.5K hrs mi 220*68*38.8n 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line IETHODS OF nder low input	J61347-1, J61 C61347-2-13( (VAC I/P-Fi G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF mm (L*W*H) /14.4Kg/0.8Cl re measured a bandwidth by regulation and LED MODULE voltages. Plea	347-2-13(exce except for D-ty G:2KVAC 0, 000 Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore JFT at 230VAC inpu using a 12" tw load regulatio 5". se refer to "ST	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ /N61000-3-2 Ck 547, EN55024, I 547, EN55024, I (); 167.1Khrs r ut, rated currer visted pair-wire n.	d D-type),BIS <u>C</u> 70% RH ass C (@ load ≧ light industry leven min. MIL-HE nt and 25°C o e terminated w CTERISTIC" s	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25°( f ambient tem ith a 0.1uf & 4	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature. 7uf parallel ca tails.	A only), EAC T and GB17625.1, V, Line-Line 2KV	P TC 004, EAC TP TC (	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE 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 M 5. De-rating may be needed up 6. Length of set up time is measure	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8m 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line IETHODS OF nder low input asured at first of	J61347-1, J61 C61347-2-13( (VAC I/P-Fi G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF mm (L*W*H) /14.4Kg/0.8Cl re measured a bandwidth by regulation and LED MODULE voltages. Plea vold start. Turr	347-2-13(exce except for D-ty G:2KVAC 0, 000 Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore JFT at 230VAC inpu using a 12" tw load regulatio 5". se refer to "ST ing ON/OFF ti	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ /N61000-3-2 Ck 547, EN55024, I 	d D-type),BIS <u>C</u> 70% RH ass C (@ load ≧ light industry leven min. MIL-HE nt and 25°C o e terminated w CTERISTIC" s lead to increase	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25°C f ambient tem ith a 0.1uf & 4 sections for de se of the set u	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature. 7uf parallel ca tails. p time.	A only), EAC T and GB17625.1, V, Line-Line 2KV pacitor.	P TC 004, EAC TP TC ( ),EAC TP TC (	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE 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 M 5. De-rating may be needed up 6. Length of set up time is mea 7. The driver is considered as	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8m 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line IETHODS OF nder low input asured at first of a component t	J61347-1, J61 C61347-2-13( (VAC I/P-Fi G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF mm (L*W*H) /14.4Kg/0.8Cl re measured a bandwidth by regulation and LED MODULE voltages. Plea bold start. Turn nat will be ope	347-2-13(exce except for D-ty G:2KVAC 0, 000 Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore JFT at 230VAC inpu using a 12" tw load regulatio 5". se refer to "ST ing ON/OFF ti rrated in comb	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Ck 547, EN55024, I ); 167.1Khrs r ut, rated currer visted pair-wire n. ATIC CHARA he driver may ination with fin	d D-type),BIS <u>C</u> 70% RH ass C (@ load ≧ light industry leven min. MIL-HE nt and 25°C o e terminated w CTERISTIC" s lead to increase al equipment.	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25% f ambient tem ith a 0.1uf & 4 sections for de se of the set u Since EMC pe	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature. 7uf parallel ca tails. p time. erformance wil	A only), EAC T and GB17625.1, V, Line-Line 2KV pacitor.	P TC 004, EAC TP TC I ),EAC TP TC	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE 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 M 5. De-rating may be needed up 6. Length of set up time is mea 7. The driver is considered as complete installation, the final	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8m 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line IETHODS OF nder low input asured at first of a component t al equipment n	J61347-1, J61 C61347-2-13( (VAC I/P-Fi G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF mm (L*W*H) s/14.4Kg/0.8Cl re measured a bandwidth by regulation and LED MODULE voltages. Plea bold start. Turn hat will be open anufacturers i	347-2-13(exce except for D-ty G:2KVAC 0, 000 Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore JFT at 230VAC inpi using a 12" tw load regulatio 5". se refer to "ST ing ON/OFF ti rrated in comb must re-qualify	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Ck 547, EN55024, 1 ); 167.1Khrs r ut, rated currer visted pair-wire n. ATIC CHARA he driver may ination with fin EMC Directiv	d D-type),BIS <u>C</u> 70% RH ass C (@ load ≥ light industry leven min. MIL-HE mt and 25°C o the terminated w CTERISTIC" s lead to increase al equipment. e on the comp	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25% f ambient tem ith a 0.1uf & 4 sections for de se of the set u Since EMC pe lete installatio	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature. 7uf parallel ca tails. p time. erformance wil n again.	A only), EAC T and GB17625.1, V, Line-Line 2KV pacitor.	P TC 004, EAC TP TC I ),EAC TP TC	
SAFETY & EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE 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 M 5. De-rating may be needed up 6. Length of set up time is mea 7. The driver is considered as complete installation, the fina 8. To fulfill requirements of the	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8m 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line IETHODS OF nder low input asured at first of a component t al equipment n	J61347-1, J61 C61347-2-13( (VAC I/P-Fi G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF mm (L*W*H) s/14.4Kg/0.8Cl re measured a bandwidth by regulation and LED MODULE voltages. Plea bold start. Turn hat will be open anufacturers i	347-2-13(exce except for D-ty G:2KVAC 0, 000 Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore JFT at 230VAC inpi using a 12" tw load regulatio 5". se refer to "ST ing ON/OFF ti rrated in comb must re-qualify	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Ck 547, EN55024, 1 ); 167.1Khrs r ut, rated currer visted pair-wire n. ATIC CHARA he driver may ination with fin EMC Directiv	d D-type),BIS <u>C</u> 70% RH ass C (@ load ≥ light industry leven min. MIL-HE mt and 25°C o the terminated w CTERISTIC" s lead to increase al equipment. e on the comp	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25% f ambient tem ith a 0.1uf & 4 sections for de se of the set u Since EMC pe lete installatio	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature. 7uf parallel ca tails. p time. erformance wil n again.	A only), EAC T and GB17625.1, V, Line-Line 2KV pacitor.	P TC 004, EAC TP TC ( ),EAC TP TC (	
SAFETY & EMC OTHERS NOTE	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT speciall 2. Ripple & noise are measure 3. Tolerance : includes set up 1 4. Please refer to "DRIVING M 5. De-rating may be needed up 6. Length of set up time is mea 7. The driver is considered as complete installation, the fina 8. To fulfill requirements of the connected to the mains.	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8n 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line IETHODS OF nder low input asured at first of a component t al equipment n latest ErP regi	J61347-1, J61 C61347-2-13( (VAC I/P-Fi G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF mm (L*W*H) s/14.4Kg/0.8Cl re measured a bandwidth by regulation and LED MODULE voltages. Plea bold start. Turn hat will be open manufacturers i ulation for light	347-2-13(exce except for D-ty G:2KVAC 0, 100 Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 2-332 (Bellcore UFT at 230VAC inpu using a 12" tw load regulatio 5". se refer to "ST ing ON/OFF ti rrated in combi must re-qualify ing fixtures, thi	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cli 547, EN55024, 1 ); 167.1Khrs r ut, rated currer visted pair-wire n. 'ATIC CHARA he driver may ination with fin • EMC Directiv is LED driver of	d D-type),BIS C 70% RH ass C (@ load ≥ light industry levennin. MIL-HE nt and 25°C o terminated w CTERISTIC" s lead to increase al equipment. e on the comp can only be us	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25% f ambient tem ith a 0.1uf & 4 sections for de se of the set u Since EMC pe lete installation ed behind a s	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature. 7uf parallel ca tails. p time. erformance wil n again. witch without p	A only), EAC T and GB17625.1, V, Line-Line 2KV pacitor.	P TC 004, EAC TP TC ( ),EAC TP TC	
SAFETY & EMC OTHERS NOTE	WITHSTAND VOLTAGE ISOLATION RESISTANCE 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 M 5. De-rating may be needed up 6. Length of set up time is mea 7. The driver is considered as complete installation, the fina 8. To fulfill requirements of the connected to the mains. 9. This series meets the typica	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8m 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line IETHODS OF nder low input asured at first of a component t al equipment n latest ErP reginal	J61347-1, J61 C61347-2-13( (VAC I/P-Fi G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF mm (L*W*H) s/14.4Kg/0.8Cl re measured a bandwidth by regulation and LED MODULE voltages. Plea vold start. Turn hat will be ope nanufacturers i ulation for light	347-2-13(exce except for D-ty G:2KVAC 0, 100 Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 2-332 (Bellcore JFT at 230VAC inpu using a 12" tw load regulatio 5". se refer to "ST ing ON/OFF ti rrated in comb must re-qualify ing fixtures, thi hours of opera	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Ck 547, EN55024, 1 ); 167.1Khrs r ut, rated currer visted pair-wire n. 'ATIC CHARA he driver may ination with fin • EMC Directiv is LED driver of ation when Tca	d D-type),BIS <u>C</u> 70% RH ass C (@ load ≥ iight industry leven min. MIL-HE nt and 25°C o te terminated w CTERISTIC" s lead to increase al equipment. e on the comp can only be us ase, particularth	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25% f ambient tem ith a 0.1uf & 4 sections for de se of the set u Since EMC pe lete installation ed behind a s	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature. 7uf parallel ca tails. p time. erformance wil n again. witch without p	A only), EAC T and GB17625.1, V, Line-Line 2KV pacitor.	P TC 004, EAC TP TC ( ),EAC TP TC	
SAFETY & EMC OTHERS NOTE	WITHSTAND VOLTAGE         ISOLATION RESISTANCE         EMC EMISSION       Note.8         EMC IMMUNITY         MTBF         DIMENSION         PACKING         1. All parameters NOT speciall         2. Ripple & noise are measure         3. Tolerance : includes set up         4. Please refer to "DRIVING M         5. De-rating may be needed up         6. Length of set up time is meat         7. The driver is considered as complete installation, the final         8. To fulfill requirements of the connected to the mains.         9. This series meets the typication.         10. Please refer to the warrant	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8n 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line IETHODS OF nder low input asured at first of a component t al equipment n latest ErP regu al life expectan y statement or	J61347-1, J61 C61347-2-13( (VAC I/P-Fi G, O/P-FG:10 EN55015, EN55 EN61000-4-2,3, n. Telcordia SF mm (L*W*H) s/14.4Kg/0.8Cl re measured a bandwidth by regulation and LED MODULE voltages. Plea bold start. Turn hat will be open anufacturers i ulation for light cy of >62,000 MEAN WELL	347-2-13(exce except for D-ty G:2KVAC 0, 100 Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 2-332 (Bellcore JFT at 230VAC inpu using a 12" tw load regulatio 5". se refer to "ST ing ON/OFF ti rrated in comb must re-qualify ing fixtures, thi hours of opera 's website at h	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Ck 547, EN55024, 1 ); 167.1Khrs r ut, rated currer visted pair-wire n. ATIC CHARA he driver may ination with fin • EMC Directiv is LED driver of ation when Tca attp://www.mea	d D-type),BIS <u>C</u> 70% RH ass C (@ load ≥ iight industry leven min. MIL-HE Int and 25°C o terminated w CTERISTIC" s lead to increase al equipment. e on the comp can only be us asse, particularly anwell.com	IS15885( for 12 50%) ; EN6100 el (surge immuni IBK-217F (25% f ambient term ith a 0.1uf & 4 sections for de se of the set u Since EMC pe lete installation ed behind a si y (tc) point (or	2B,24B,36A,54 0-3-3,GB17743 ty Line-Earth 4K C) perature. 7uf parallel ca tails. p time. erformance wil n again. witch without p TMP, per DLC	A only), EAC T and GB17625.1, V, Line-Line 2KV pacitor. I be affected by permanently C), is about 75°	P TC 004, EAC TP TC ( ),EAC TP	
SAFETY & EMC OTHERS NOTE	WITHSTAND VOLTAGE ISOLATION RESISTANCE 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 M 5. De-rating may be needed up 6. Length of set up time is mea 7. The driver is considered as complete installation, the fina 8. To fulfill requirements of the connected to the mains. 9. This series meets the typica	IP65 or IP67, KC61347-1,K I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to 559.5K hrs mi 220*68*38.8m 1.12Kg; 12pcs y mentioned a d at 20MHz of tolerance, line IETHODS OF nder low input asured at first of a component t al equipment n latest ErP regu al life expectan y statement or derating of 3.5°	J61347-1, J61 C61347-2-13( (VAC I/P-F) G, O/P-FG:1( EN55015, EN5: EN61000-4-2,3, n. Telcordia SF mm (L*W*H) s/14.4Kg/0.8Cl re measured a bandwidth by regulation and LED MODULE voltages. Plea vold start. Turn nat will be ope nanufacturers i ulation for light cy of >62,000 MEAN WELL C/1000m with	347-2-13(exce except for D-ty G:2KVAC 0/ 00M Ohms / 50 5032 Class B, E 4,5,6,8,11, EN61 R-332 (Bellcore UFT at 230VAC inpu using a 12" tw load regulatio E". se refer to "ST ing ON/OFF tt rrated in comb must re-qualify ing fixtures, thi hours of opera 's website at h fanless model	pt for B,AB and pe) approved /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cli 547, EN55024, I ); 167.1Khrs r ut, rated currer visted pair-wire n. ATIC CHARA ne driver may ination with fin EMC Directiv is LED driver of ation when Tc: attp://www.mea s and of 5°C/1	d D-type),BIS C 70% RH ass C @ load ≥ ight industry leve min. MIL-HE nt and 25°C o terminated w CTERISTIC" s lead to increase al equipment. e on the comp can only be us ase, particularh anwell.com 1000m with far	IS15885( for 1: 50%) ; EN6100 el (surge immuni IBK-217F (25°C f ambient temp ith a 0.1uf & 4 sections for de se of the set u Since EMC pa blete installatio ed behind a s y (tc) point (or n models for o	28,248,36A,54	A only), EAC T and GB17625.1, V, Line-Line 2KV pacitor. I be affected by permanently C), is about 75°	P TC 004, EAC TP TC I ),EAC TP TC ),EAC TP TC C or less.	





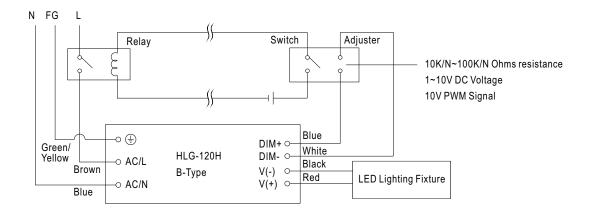






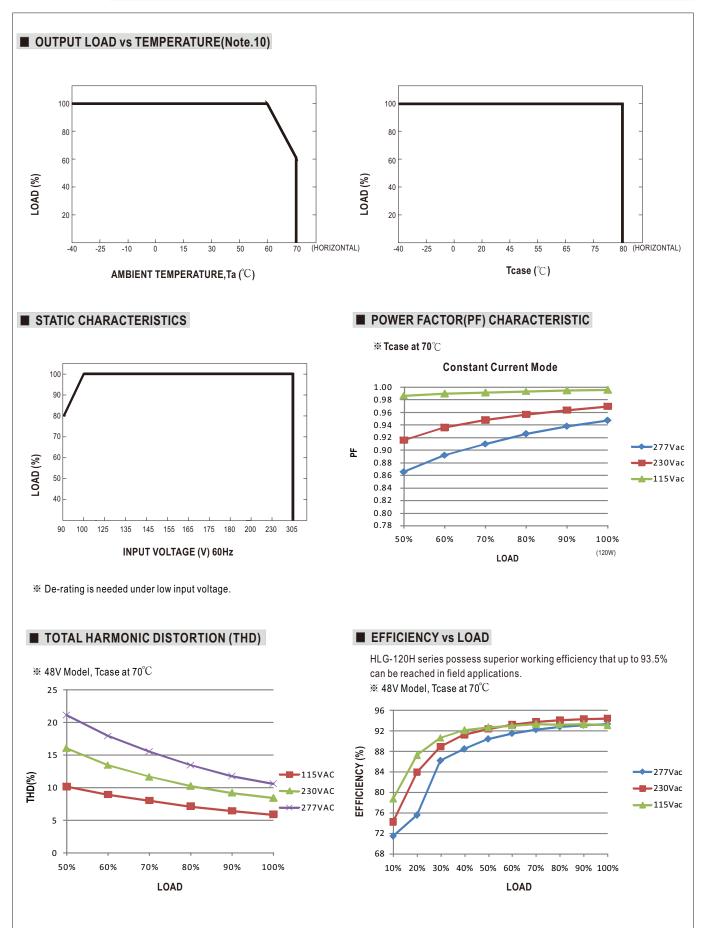
## HLG-120H series

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.

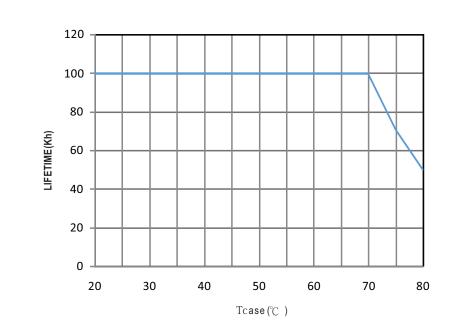




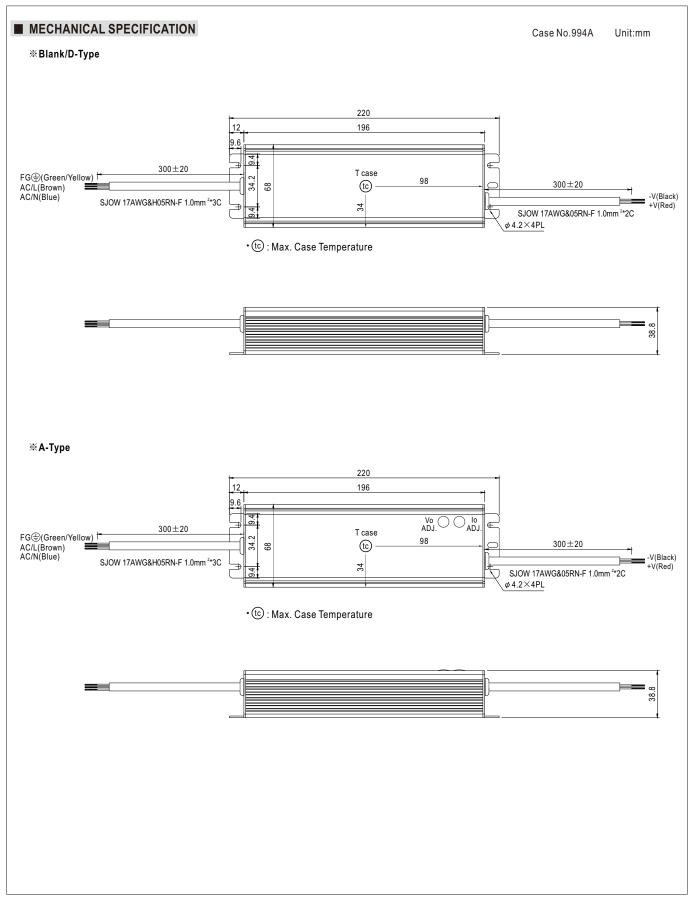


HLG-120H series

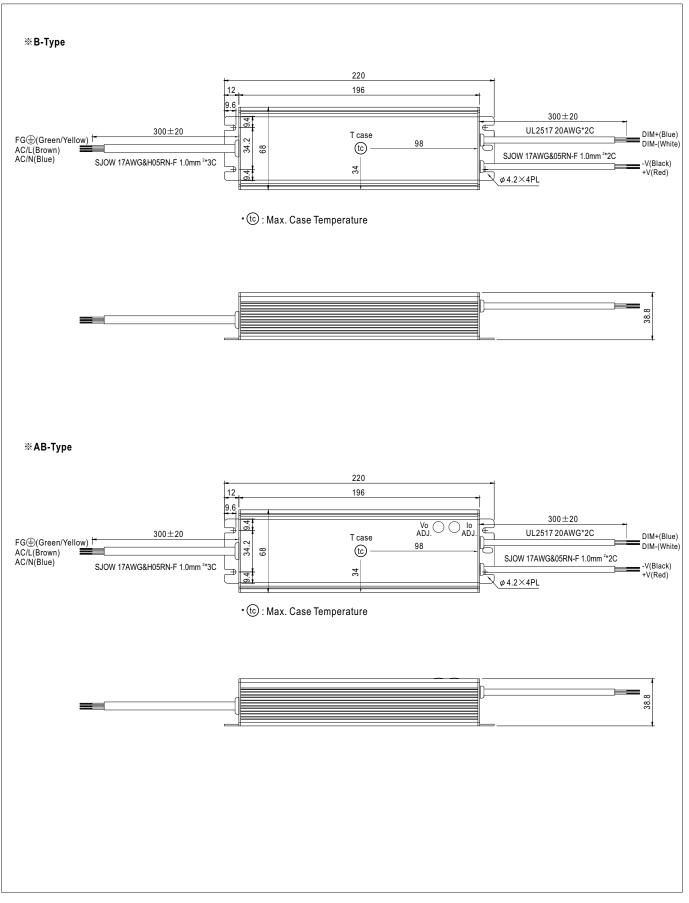
### LIFE TIME









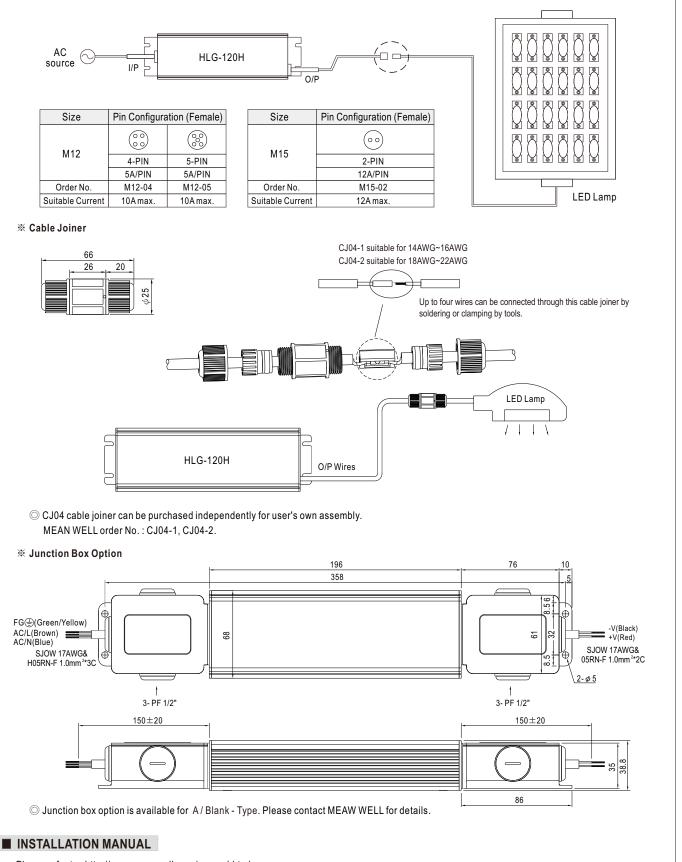




#### WATERPROOF CONNECTION

#### **% Waterproof connector**

Waterproof connector can be assembled on the output cable of HLG-120H to operate in dry/wet/damp or outdoor environment.



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