

· 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-80H series is a 80W AC/DC LED driver featuring the dual mode constant voltage and constant current output. HLG-80H operates from 90 ~ 305VAC and offers models with different rated voltage rangingbetween 12V and 54V. Thanks to the high efficiency up to 91%, 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-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 HLG - 80H - 15 A 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 adjustable through built-in potentiometer & 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

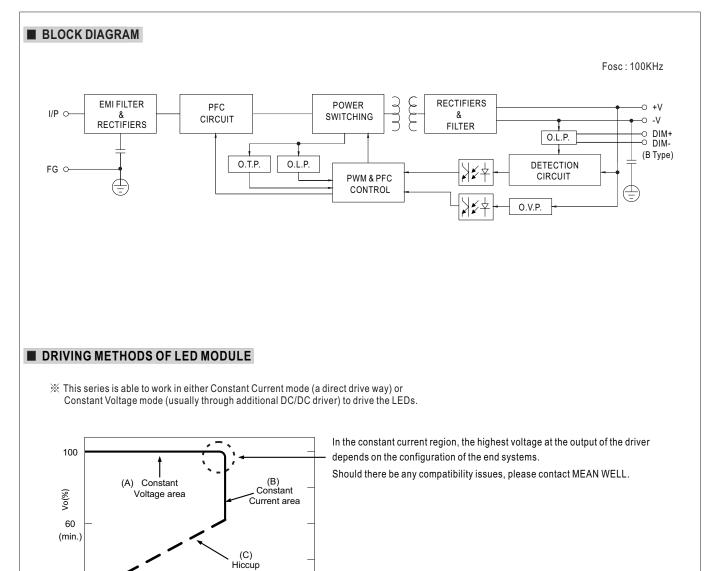
File Name:HLG-80H-SPEC 2024-07-19



SPECIFICATION

MODEL		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					
OUTPUT	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 ~ 54					
	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					
						Zoomvpp	200111 p p	200pp	Loomtpp	2001110					
	VOLTAGE ADJ. RANGE	Adjustable for A-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													
			r A/AB-Type or	nly (via built-ir											
	CURRENT ADJ. RANGE	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	±0.5%	±0.5%	±0.5%	$\pm 0.5\%$	±0.5%	±0.5%	±0.5%	±0.5%	$\pm 0.5\%$					
	LOAD REGULATION	±2.0%	±1.5%	±1.0%	$\pm 0.5\%$	$\pm 0.5\%$	±0.5%	±0.5%	$\pm 0.5\%$	$\pm 0.5\%$					
					1					0.070					
	VOLTAGE RANGE Note.5 90 ~ 305VAC 127 ~ 431VDC														
		(Please refer to "STATIC CHARACTERISTIC" section)													
	FREQUENCY RANGE	47 ~ 63Hz													
	POWER FACTOR (Typ.)		SVAC, PF≧0.9			•									
			to "POWER FA	. ,		/									
	TOTAL HARMONIC DISTORTION	THD< 20% ((@ load≧60% /	/ 115VAC,230	VAC; @load≧	≧75% / 277VA	C)								
INPUT		(Please refe	r to "TOTAL HA	ARMONIC 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	AC									
	INRUSH CURRENT (Typ.)	COLD START	70A(twidth=485	us measured at	t 50% Ipeak) at 2	230VAC; Per NI	EMA 410								
	MAX. No. of PSUs on 16A														
	CIRCUIT BREAKER	3 units (circui	3 units (circuit breaker of type B) / 6 units (circuit breaker of type C) at 230VAC												
	LEAKAGE CURRENT	<0.75mA/27	7VAC												
	OVER CURRENT	95~108%													
		Constant current limiting, recovers automatically after fault condition is removed													
PROTECTION	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed													
	OVER VOLTAGE	14 ~ 17V	18~24V	23~30V	28 ~ 35V	35 ~ 43V	41 ~ 49V	48 ~ 58V	54 ~ 63V	59~68V					
	OVER VOLTAGE	Shut down o/p voltage, re-power on to recover													
	OVER TEMPERATURE	Shut down o/	p voltage, re-po	ower on to reco	over										
ENVIRONMENT	WORKING TEMP.	Tcase=-40~	+80°C (Please	e refer to "OU"	FPUT LOAD ve	S TEMPERATI	JRE" section)								
	MAX. CASE TEMP.	Tcase=+80℃													
	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		G 12min./1cyc	le neriod for 7	72min each al		s								
								S/N79 61247 4	BS ENI/ENI/AS	N7S 61247 1					
	1	UL8750(type"HL"), CSA C22.2 No. 250.0-08, UL8750 LISTED for HLG-80H-□BL;BS EN/EN/AS/NZS 61347-1,BS EN/EN/AS/NZS 61347-2													
	CAFETV OTANDADDO	161047 4 10	1247 0 40/	not for D AD -			J61347-1, J61347-2-13(except for B,AB and D-type), GB19510.1,independent, GB19510.14,EAC TP TC 004,BIS IS15885(for 36, 54A only), IP65 or IP67,KC61347-1,KC61347-2-13(except for AB,BL-type) approved								
	SAFETY STANDARDS Note.8		•			9510.1,indepe		0.14,EAC TP T		5885(for 36/					
		54A only), IP6	5 or IP67,KC6	1347-1,KC6134	47-2-13(excep	9510.1,indepe t for AB,BL-type		0.14,EAC TP T		5885(for 36/					
SAFETY &	WITHSTAND VOLTAGE	54A only), IP6	•	1347-1,KC6134	47-2-13(excep	9510.1,indepe t for AB,BL-type		0.14,EAC TP T		5885(for 36/					
SAFETY & EMC		54A only), IP6 I/P-O/P:3.75	5 or IP67,KC6	1347-1,KC6134 G:2KVAC O	47-2-13(excep /P-FG:1.5KVA	9510.1,indepe t for AB,BL-type C		0.14,EAC TP T		5885(for 36 <i>i</i>					
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t	5 or IP67,KC6 KVAC I/P-F0 G, O/P-FG:10 o BS EN/EN55	1347-1,KC613 G:2KVAC O/ 00M Ohms / 50	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/	9510.1,indepe t for AB,BL-type C 70% RH	e) approved	0.14,EAC TP T	C 004,BIS IS1	、 					
	WITHSTAND VOLTAGE	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t	5 or IP67,KC6 KVAC I/P-F0 G, O/P-FG:10 o BS EN/EN55	1347-1,KC613 G:2KVAC O/ 00M Ohms / 50	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/	9510.1,indepe t for AB,BL-type C 70% RH	e) approved	·	C 004,BIS IS1	、 					
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0	5 or IP67,KC6 KVAC I/P-F(FG, O/P-FG:10 o BS EN/EN55 20	1347-1,KC613 G:2KVAC O/ 00M Ohms / 50 5015, BS EN/E	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 C	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load	e) approved ≧60%); BS E	·	C 004,BIS IS1	, GB17625.					
	WITHSTAND VOLTAGE ISOLATION RESISTANCE	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t	5 or IP67,KC6 KVAC I/P-F(FG, O/P-FG:10 o BS EN/EN55 20	1347-1,KC6134 G:2KVAC 0, 00M Ohms / 50 5015, BS EN/E 000-4-2,3,4,5,1	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 C	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load	e) approved ≧60%); BS E	N/EN61000-3-5	C 004,BIS IS1	, GB17625.					
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t	55 or IP67,KC6 KVAC I/P-F0 G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC	1347-1,KC6134 G:2KVAC 0, 00M Ohms / 50 5015, BS EN/E 000-4-2,3,4,5,1	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/	9510.1,indepe t for AB,BL-typr C 70% RH lass C (@ load EN61547, light	e) approved ≧60%); BS E	N/EN61000-3-3	C 004,BIS IS1	, GB17625.					
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t Line-Line 2KV 2992.9K hrs r	55 or IP67,KC6 KVAC I/P-F0 G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC	1347-1,KC613 G:2KVAC 0, 00M Ohms / 50 5015, BS EN/E 000-4-2,3,4,5, 020 ia SR-332 (Bel	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/	9510.1,indepe t for AB,BL-typr C 70% RH lass C (@ load EN61547, light	e) approved ≧60%); BS E industry level	N/EN61000-3-3	C 004,BIS IS1	, GB17625.					
	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t Line-Line 2KV 2992.9K hrs r 195.6*61.5*3	55 or IP67,KC6 KVAC I/P-F0 G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H	1347-1,KC613 G:2KVAC O/ 00M Ohms / 50 5015, BS EN/E 000-4-2,3,4,5,4 020 ia SR-332 (Bel)	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/	9510.1,indepe t for AB,BL-typr C 70% RH lass C (@ load EN61547, light	e) approved ≧60%); BS E industry level	N/EN61000-3-3	C 004,BIS IS1	, GB17625.					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t Line-Line 2KV 2992.9K hrs r 195.6*61.5*3 0.84Kg; 16pc	55 or IP67,KC6 KVAC I/P-F0 G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.54C	1347-1,KC613/ G:2KVAC 0/ 00M Ohms / 50 5015, BS EN/E 000-4-2,3,4,5,1 020 ia SR-332 (Bel) CUFT	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K	9510.1,indepe t for AB,BL-typr C 70% RH lass C (@ load EN61547, light hrs min. MI	e) approved ≧60%); BS E industry level L-HDBK-217F	N/EN61000-3-3 (surge immunit (25°C)	C 004,BIS IS1	, GB17625.					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t Line-Line 2KV 2992.9K hrs r 195.6*61.5*3 0.84Kg; 16pcs y mentioned au	55 or IP67,KC6 KVAC I/P-F0 G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured a	1347-1,KC613/ G:2KVAC 0/ 00M Ohms / 50 5015, BS EN/E 000-4-2,3,4,5,4 020 ia SR-332 (Bel) CUFT tt 230VAC inpu	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI	e) approved ≥60%); BS E industry level L-HDBK-217F ambient temp	N/EN61000-3-3 (surge immunit (25°C) verature.	C 004,BIS IS1	, GB17625.					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t Line-Line 2KV 2992.9K hrs r 195.6*61.5*37 0.84Kg; 16pc y mentioned at d at 20MHz of	55 or IP67,KC6 KVAC I/P-FC G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.54C re measured a bandwidth by	1347-1,KC613 G:2KVAC 0, 00M Ohms / 50 0015, BS EN/E 000-4-2,3,4,5,6 020 ia SR-332 (Bel) CUFT tt 230VAC inpu using a 12" tw	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K ut, rated currer visted pair-wire	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI	e) approved ≥60%); BS E industry level L-HDBK-217F ambient temp	N/EN61000-3-3 (surge immunit (25°C) verature.	C 004,BIS IS1	, GB17625.					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measured	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t Line-Line 2KV 2992.9K hrs r 195.6*61.5*37 0.84Kg; 16pc y mentioned at d at 20MHz of olerance, line t	55 or IP67,KC6 KVAC I/P-FG G, O/P-FG:10 o BS EN/EN65 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.54C re measured a bandwidth by regulation and	1347-1,KC613 G:2KVAC 0, 000 Ohms / 50 0015, BS EN/E 000-4-2,3,4,5, 020 ia SR-332 (Bel) CUFT tt 230VAC inpu using a 12" tw load regulation	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K ut, rated currer visted pair-wire	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI	e) approved ≥60%); BS E industry level L-HDBK-217F ambient temp	N/EN61000-3-3 (surge immunit (25°C) verature.	C 004,BIS IS1	, GB17625.					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measure 3. Tolerance : includes set up t 4. Please refer to "DRIVING M 5. De-rating may be needed ur	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance to Line-Line 2KV 2992.9K hrs r 195.6*61.5*33 0.84Kg; 16pcs y mentioned at d at 20MHz of tolerance, line n ETHODS OF inder low input	55 or IP67,KC6 KVAC I/P-FC G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured a 5 bandwidth by regulation and LED MODULE voltages. Please	1347-1,KC613 G:2KVAC 0, 00M Ohms / 50 0015, BS EN/E 000-4-2,3,4,5, 020 ia SR-332 (Bel) CUFT it 230VAC inpu using a 12" tw load regulation 5". se refer to "ST	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K ut, rated currer visted pair-wire n. ATIC CHARAG	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI nt and 25°C of t terminated wi CTERISTIG" s	e) approved ≥ 60%); BS E industry level L-HDBK-217F ambient temp ith a 0.1uf & 4 ections for det	N/EN61000-3-3 (surge immunit (25°C) erature. 7uf parallel cap ails.	C 004,BIS IS1	, GB17625.					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measure 3. Tolerance : includes set up to 4. Please refer to "DRIVING M 5. De-rating may be needed ur 6. Length of set up time is measure	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance to Line-Line 2KN 2992.9K hrs r 195.6*61.5*33 0.84Kg; 16pcs y mentioned at d at 20MHz of colerance, line n IETHODS OF inder low input asured at first of	55 or IP67,KC6 KVAC I/P-FG G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured a bandwidth by regulation and LED MODULE voltages. Pleas cold start. Tum	1347-1,KC613 G:2KVAC 0, 000 Ohms / 50 0015, BS EN/E 000-4-2,3,4,5, 020 ia SR-332 (Bel) CUFT it 230VAC inpu using a 12" tw load regulation 5". se refer to "ST ing ON/OFF th	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K ut, rated currer visted pair-wire n. ATIC CHARAG	9510.1,indepe t for AB,BL-typr C 70% RH lass C (@ load EN61547, light t and 25°C of e terminated wi CTERISTIC" s lead to increas	e) approved ≥60%); BS E industry level L-HDBK-217F ambient temp th a 0.1uf & 4 ections for det ue of the set up	N/EN61000-3-3 (surge immunit (25°C) erature. 7uf parallel cap ails. o time.	C 004,BIS IS1	, GB17625. <v,< td=""></v,<>					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measured 3. Tolerance : includes set up to 4. Please refer to "DRIVING M 5. De-rating may be needed ur 6. Length of set up time is mead 7. The driver is considered as a	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance to Line-Line 2KV 2992.9K hrs r 195.6*61.5*33 0.84Kg; 16pcs y mentioned at d at 20MHz of colerance, line n IETHODS OF inder low input asured at first of a component to	55 or IP67,KC6 KVAC I/P-FG G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured a bandwidth by regulation and LED MODULE voltages. Pleas cold start. Tum hat will be ope	1347-1,KC613. G:2KVAC 0, 000 Ohms / 50 0015, BS EN/E 000-4-2,3,4,5, 020 ia SR-332 (Bel) CUFT it 230VAC inpu using a 12" tw load regulation :". se refer to "ST ing ON/OFF tf rrated in combi	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K lcore) ; 289.1K ut, rated currer visted pair-wire n. ATIC CHARA(he driver may ination with fin	9510.1,indepe t for AB,BL-typr C 70% RH lass C (@ load EN61547, light hrs min. MI hrs min. MI t and 25°C of e terminated wi CTERISTIC" s lead to increas al equipment.	e) approved ≥ 60%); BS E industry level L-HDBK-217F ambient temp th a 0.1uf & 4 ections for det ie of the set up Since EMC pe	N/EN61000-3-3 (surge immunit (25°C) eerature. 7uf parallel cap ails. o time. erformance will	C 004,BIS IS1	, GB17625. <v,< td=""></v,<>					
EMC	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measured 3. Tolerance : includes set up to 4. Please refer to "DRIVING M 5. De-rating may be needed ur 6. Length of set up time is mead 7. The driver is considered as a complete installation, the final	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t Line-Line 2KV 2992.9K hrs r 195.6*61.5*33 0.84Kg; 16pcs y mentioned at d at 20MHz of olerance, line p IETHODS OF inder low input asured at first of a component t al equipment in	55 or IP67,KC6 KVAC I/P-FG G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN619 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured at bandwidth by regulation and LED MODULE voltages. Pleas cold start. Turn hat will be open manufacturers r	1347-1,KC613 G:2KVAC 0, 000 Ohms / 50 0015, BS EN/E 000-4-2,3,4,5,1 020 ia SR-332 (Bel) CUFT it 230VAC inpu using a 12" twi load regulation ing ON/OFF the irrated in combined must re-qualify	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K lcore) ; 289.1K ut, rated currer <i>v</i> isted pair-wire n. ATIC CHARA(he driver may l ination with fin • EMC Directiv	9510.1,indepe t for AB,BL-typr C 70% RH lass C (@ load EN61547, light hrs min. MI hrs min. MI t and 25°C of e terminated wi CTERISTIC" s lead to increas al equipment.	e) approved ≥ 60%); BS E industry level L-HDBK-217F ambient temp th a 0.1uf & 4 ections for det ie of the set up Since EMC pe	N/EN61000-3-3 (surge immunit (25°C) eerature. 7uf parallel cap ails. o time. erformance will	C 004,BIS IS1	, GB17625. <v,< td=""></v,<>					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measured 3. Tolerance : includes set up to 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 a complete installation, the final (as available on https://www.	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance to Line-Line 2KV 2992.9K hrs r 195.6*61.5*3: 0.84Kg; 16pcs y mentioned at d at 20MHz of colerance, line n IETHODS OF inder low input asured at first of a component t al equipment n meanwell.com	55 or IP67,KC6 KVAC I/P-FG G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN619 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured at bandwidth by regulation and LED MODULE voltages. Pleas cold start. Turn hat will be ope manufacturers r //Upload/PDF/f	1347-1,KC613 G:2KVAC 0, 000 Ohms / 50 0015, BS EN/E 000-4-2,3,4,5,1 020 ia SR-332 (Bel) CUFT it 230VAC inpu using a 12" tw load regulation "." se refer to "ST ing ON/OFF th prated in combine must re-qualify EMI_statemen	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K it, rated currer visted pair-wire n. ATIC CHARA(the driver may lination with fin ≤ EMC Directivit t_en.pdf)	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI nt and 25°C of terminated wi CTERISTIC" s lead to increas al equipment. e on the comp	e) approved ≥60%); BS E industry level L-HDBK-217F ambient temp th a 0.1uf & 4 ections for det te of the set up Since EMC pe lete installation	N/EN61000-3-3 (surge immunit (25°C) verature. 7uf parallel cap ails. o time. erformance will n again.	C 004,BIS IS1 3,GB/T 17743 y Line-Earth 41 pacitor.	, GB17625. <v,< td=""></v,<>					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measured 3. Tolerance : includes set up to 4. Please refer to "DRIVING M 5. De-rating may be needed ur 6. Length of set up time is meat 7. The driver is considered as a complete installation, the fina (as available on https://www. 8. To fulfill requirements of the	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance to Line-Line 2KV 2992.9K hrs r 195.6*61.5*3: 0.84Kg; 16pcs y mentioned at d at 20MHz of colerance, line n IETHODS OF inder low input asured at first of a component t al equipment n meanwell.com	55 or IP67,KC6 KVAC I/P-FG G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN619 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured at bandwidth by regulation and LED MODULE voltages. Pleas cold start. Turn hat will be ope manufacturers r //Upload/PDF/f	1347-1,KC613 G:2KVAC 0, 000 Ohms / 50 0015, BS EN/E 000-4-2,3,4,5,1 020 ia SR-332 (Bel) CUFT it 230VAC inpu using a 12" tw load regulation "." se refer to "ST ing ON/OFF th prated in combine must re-qualify EMI_statemen	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K it, rated currer visted pair-wire n. ATIC CHARA(the driver may lination with fin ≤ EMC Directivit t_en.pdf)	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI nt and 25°C of terminated wi CTERISTIC" s lead to increas al equipment. e on the comp	e) approved ≥60%); BS E industry level L-HDBK-217F ambient temp th a 0.1uf & 4 ections for det te of the set up Since EMC pe lete installation	N/EN61000-3-3 (surge immunit (25°C) verature. 7uf parallel cap ails. o time. erformance will n again.	C 004,BIS IS1 3,GB/T 17743 y Line-Earth 41 pacitor.	, GB17625. <v,< td=""></v,<>					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measured 3. Tolerance : includes set up to 4. Please refer to "DRIVING M 5. De-rating may be needed ur 6. Length of set up time is meas 7. The driver is considered as a complete installation, the final (as available on https://www. 8. To fulfill requirements of the connected to the mains.	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t Line-Line 2KV 2992.9K hrs r 195.6*61.5*37 0.84Kg; 16pcs y mentioned at d at 20MHz of tolerance, line n ETHODS OF nder low input asured at first of a component t al equipment n meanwell.com.	55 or IP67,KC6 KVAC I/P-FC G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured a bandwidth by regulation and LED MODULE voltages. Pleas cold start. Turp hat will be open anufacturers r //Upload/PDF/f ulation for light	1347-1,KC613 G:2KVAC 0, 000 Ohms / 50 000.4-2,3,4,5,0 000-4-2,5,0 000-4-2,5,0 000-4-2,5,0 000-4-2,5,0	47-2-13(excep (P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K ut, rated currer visted pair-wire n. ATIC CHARA(t_enc) ination with fin EMC Directivit t_en.pdf) is LED driver of	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI nt and 25°C of e terminated wi CTERISTIC" s lead to increas al equipment. e on the comp can only be us	e) approved ≥ 60%); BS E industry level L-HDBK-217F ambient temp th a 0.1uf & 4 ections for det the of the set up Since EMC pe lete installation ed behind a s	N/EN61000-3-3 (surge immunit (25°C) ereature. 7uf parallel cap ails. o time. erformance will n again. witch without p	C 004,BIS IS1 3,GB/T 17743 y Line-Earth 41 pacitor. be affected by rermanently	, GB17625. 					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measure 3. Tolerance : includes set up to 4. Please refer to "DRIVING M 5. De-rating may be needed ur 6. Length of set up time is mea 7. The driver is considered as a complete installation, the fina (as available on https://www. 8. To fulfill requirements of the connected to the mains. 9. This series meets the typical	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t Line-Line 2KV 2992.9K hrs r 195.6*61.5*37 0.84Kg; 16pcs y mentioned at d at 20MHz of colerance, line r IETHODS OF nder low input asured at first of a component t al equipment n meanwell.com. latest ErP reg	55 or IP67,KC6 KVAC I/P-FG G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured a bandwidth by regulation and LED MODULE voltages. Please cold start. Turm hat will be ope hanufacturers r //Upload/PDF/f ulation for light cy of >62,000	1347-1,KC613 G:2KVAC 0, 000 Ohms / 50 000,6 SS EN/E 000-4-2,3,4,5,6 020 ia SR-332 (Bel) CUFT tt 230VAC inpu using a 12" tw load regulation ".". se refer to "ST ing ON/OFF th rrated in combi must re-qualify EMI_statemen ting fixtures, th hours of opera	47-2-13(excep (P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ 6,8,11, BS EN/ lcore) ; 289.1K ut, rated currer visted pair-wire n. ATIC CHARA(ne driver may l ination with fin EMC Directivi t_en.pdf) is LED driver of ation when Tca	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI at and 25°C of te terminated wi CTERISTIC'' s lead to increas al equipment. e on the comp can only be us ase, particularly	e) approved ≥ 60%); BS E industry level L-HDBK-217F ambient temp th a 0.1uf & 4 ections for det the of the set up Since EMC pe lete installation ed behind a s	N/EN61000-3-3 (surge immunit (25°C) ereature. 7uf parallel cap ails. o time. erformance will n again. witch without p	C 004,BIS IS1 3,GB/T 17743 y Line-Earth 41 pacitor. be affected by rermanently	, GB17625. 					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measured 3. Tolerance : includes set up to 4. Please refer to "DRIVING M 5. De-rating may be needed ur 6. Length of set up time is mead 7. The driver is considered as a complete installation, the final (as available on https://www. 8. To fulfill requirements of the connected to the mains. 9. This series meets the typication. 10. Please refer to the warrant.	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance t Line-Line 2KV 2992.9K hrs r 195.6*61.5*37 0.84Kg; 16pcs y mentioned at d at 20MHz of tolerance, line n IETHODS OF inder low input asured at first of a component fin meanwell.com latest ErP reg al life expectan y statement or	55 or IP67,KC6 KVAC I/P-FC G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC min. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured a bandwidth by regulation and LED MODULE voltages. Please cold start. Turpe hat will be open anufacturers r //Upload/PDF/f ulation for light cy of >62,000 mEAN WELL	1347-1,KC613 G:2KVAC 0, 000 Ohms / 50 0015, BS EN/E 000-4-2,3,4,5,0 000 ia SR-332 (Bel) CUFT tt 230VAC inpu using a 12" tw load regulation "." se refer to "ST ing ON/OFF th rrated in combi must re-qualify EMI_statemen ting fixtures, th hours of opera 's website at h	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ 6,8,11, BS EN/ lcore) ; 289.1K ut, rated currer visted pair-wire n. ATIC CHARA(t_en.pdf) is LED driver of ation when Tca attp://www.mea	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI nt and 25°C of the terminated wi CTERISTIC" s al equipment. e on the comp can only be us use, particularly anwell.com.	e) approved ≥ 60%); BS E industry level L-HDBK-217F ambient temp ith a 0.1uf & 4 ections for det the of the set up Since EMC pe lete installation ed behind a s ((t) point (or	N/EN61000-3-3 (surge immunit (25°C) rerature. 7uf parallel cap ails. p fromance will n again. witch without p TMP, per DLC)	C 004,BIS IS1: 3,GB/T 17743 y Line-Earth 41 pacitor. be affected by remanently), is about 75°C	, GB17625.					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measure 3. Tolerance : includes set up to 4. Please refer to "DRIVING M 5. De-rating may be needed ur 6. Length of set up time is mea 7. The driver is considered as a complete installation, the fina (as available on https://www. 8. To fulfill requirements of the connected to the mains. 9. This series meets the typical	54A only), IP6 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance to Line-Line 2KV 2992.9K hrs r 195.6*61.5*33 0.84Kg; 16pcs y mentioned at d at 20MHz of tolerance, line n IETHODS OF inder low input asured at first of a component t meanwell.com latest ErP reg al life expectan y statement on lerating of 3.5°	55 or IP67,KC6 KVAC I/P-FC G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured a bandwidth by regulation and LED MODULE voltages. Pleas cold stail. For harwill be ope nanufacturers r //Upload/PDF/f ulation for light cy of >62,000 n MEAN WELL C/1000m with	1347-1,KC613 G:2KVAC 0, 000 Ohms / 50 0015, BS EN/E 000-4-2,3,4,5, 020 ia SR-332 (Bel) CUFT tt 230VAC inpu using a 12" tw load regulation "" se refer to "ST ing ON/OFF tt orated in combi must re-qualify EMI_statemen ting fixtures, th hours of opera 's website at h fanless model	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K 	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI nt and 25°C of the terminated wi CTERISTIC" s lead to increas al equipment. e on the comp can only be us use, particularly anwell.com. 000m with fan	e) approved ≥ 60%); BS E industry level L-HDBK-217F ambient temp ith a 0.1uf & 4 ections for det ie of the set up Since EMC po- lete installation ed behind a s r(ⓒ) point (or models for op	N/EN61000-3-3 (surge immunit (25°C) erature. 7uf parallel cap ails. prformance will n again. witch without p TMP, per DLC) perating altitude	C 004,BIS IS1: 3,GB/T 17743 y Line-Earth 41 pacitor. be affected by remanently), is about 75°C	, GB17625.					
EMC OTHERS	WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Ripple & noise are measured 3. Tolerance : includes set up to 4. Please refer to "DRIVING M 5. De-rating may be needed ur 6. Length of set up time is meat 7. The driver is considered as a complete installation, the fina (as available on https://www. 8. To fulfill requirements of the connected to the mains. 9. This series meets the typica 10. Please refer to the warrant 11. The ambient temperature do	54A only), IPG I/P-O/P:3.75 I/P-O/P, I/P-F Compliance t EAC TP TC 0 Compliance to Line-Line 2KV 2992.9K hrs r 195.6*61.5*33 0.84Kg; 16pcs y mentioned at d at 20MHz of colerance, line n IETHODS OF inder low input asured at first of a component to al equipment n meanwell.com latest ErP reg al life expectan y statement or lerating of 3.5° ind IP water pro-	55 or IP67,KC6 KVAC I/P-FG G, O/P-FG:10 o BS EN/EN55 20 o BS EN/EN55 20 o BS EN/EN61 /), EAC TP TC nin. Telcordi 8.8mm (L*W*H s/14.4Kg/0.540 re measured a bandwidth by regulation and LED MODULE voltages. Pleas cold start. Tum hat will be ope nanufacturers r //Upload/PDF/f ulation for light cy of >62,000 n MEAN WELL C/1000m with pof function inst	1347-1,KC613 G:2KVAC 0, 000 Ohms / 50 0015, BS EN/E 000-4-2,3,4,5, 020 ia SR-332 (Bel) CUFT tt 230VAC inpu using a 12" tw load regulation "" se refer to "ST ing ON/OFF tt orated in combi must re-qualify EMI_statemen ting fixtures, th hours of opera 's website at h fanless model	47-2-13(excep /P-FG:1.5KVA 0VDC / 25°C/ N61000-3-2 Cl 6,8,11, BS EN/ lcore) ; 289.1K 	9510.1,indepe t for AB,BL-type C 70% RH lass C (@ load EN61547, light hrs min. MI nt and 25°C of the terminated wi CTERISTIC" s lead to increas al equipment. e on the comp can only be us use, particularly anwell.com. 000m with fan	e) approved ≥ 60%); BS E industry level L-HDBK-217F ambient temp ith a 0.1uf & 4 ections for det ie of the set up Since EMC po- lete installation ed behind a s r(ⓒ) point (or models for op	N/EN61000-3-3 (surge immunit (25°C) erature. 7uf parallel cap ails. prformance will n again. witch without p TMP, per DLC) perating altitude	C 004,BIS IS1: 3,GB/T 17743 y Line-Earth 41 pacitor. be affected by remanently), is about 75°C	, GB17625.					





Typical output current normalized by rated current (%)

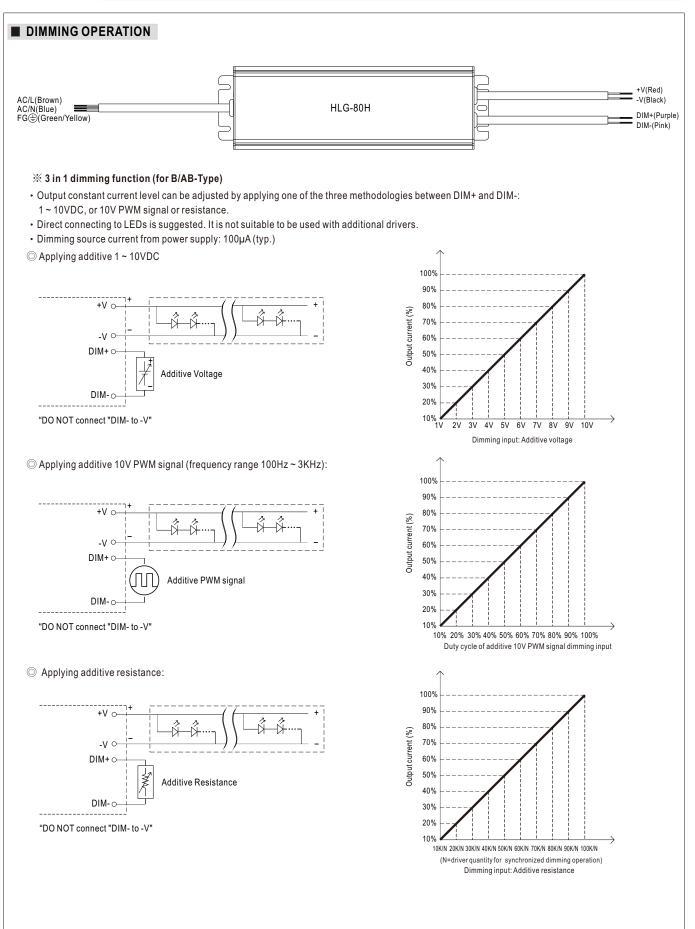
50

Protection

100

lo (%)

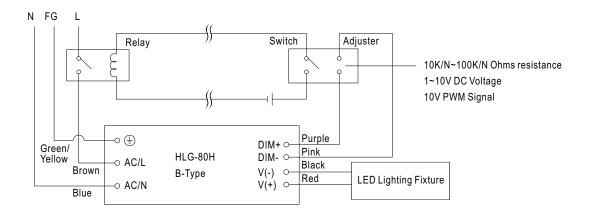






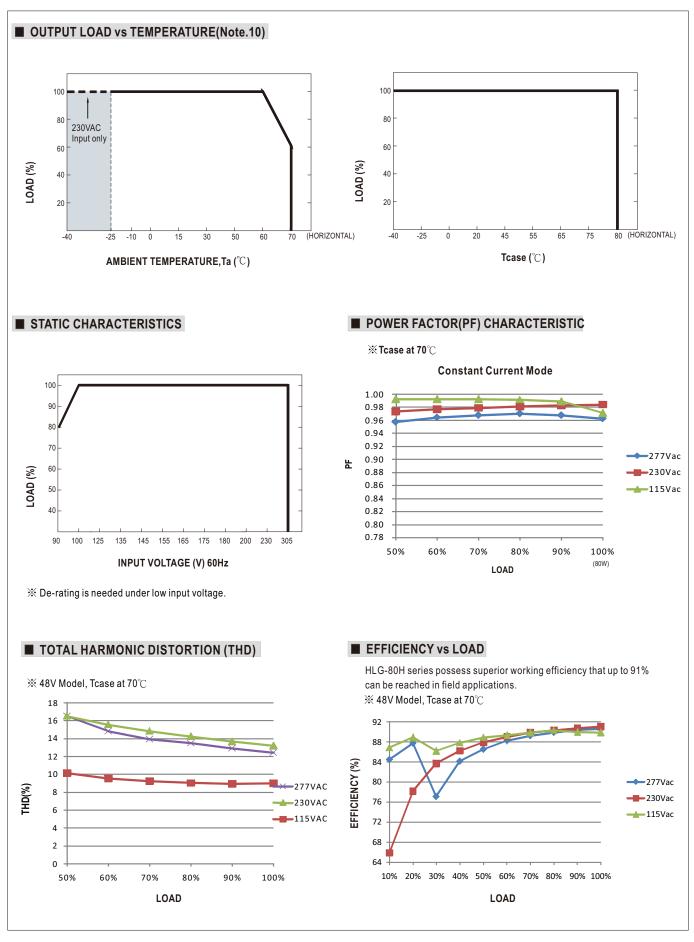
HLG-80H series

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.

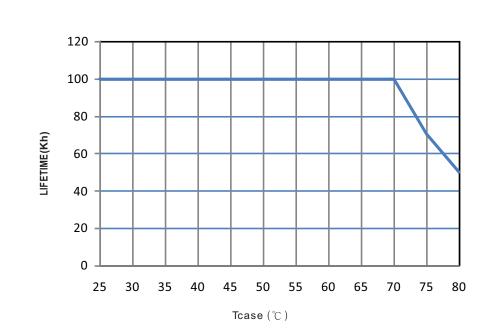




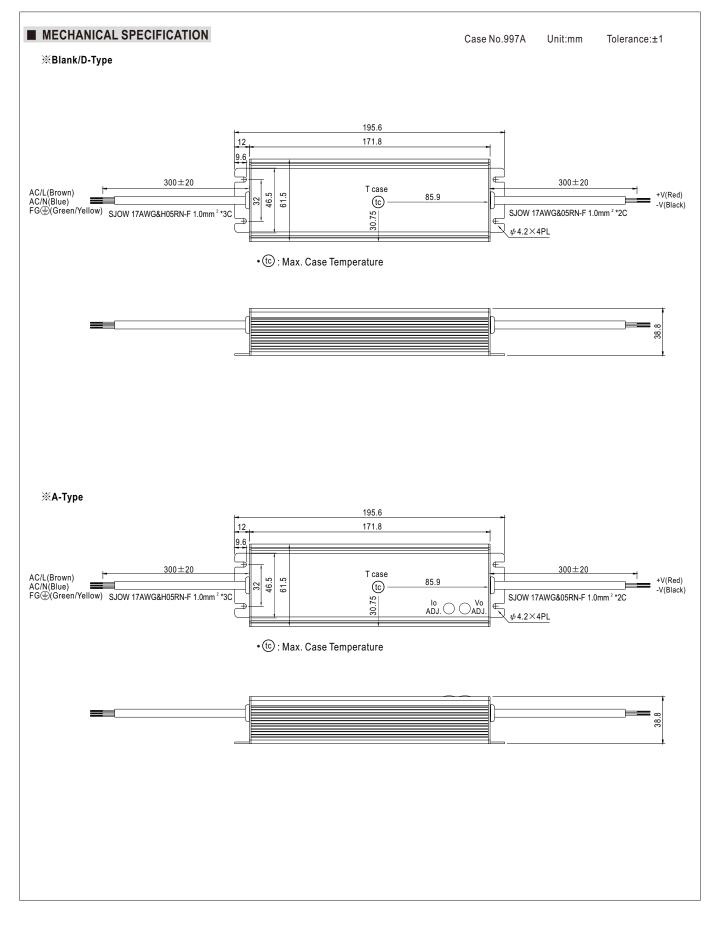


HLG-80H series

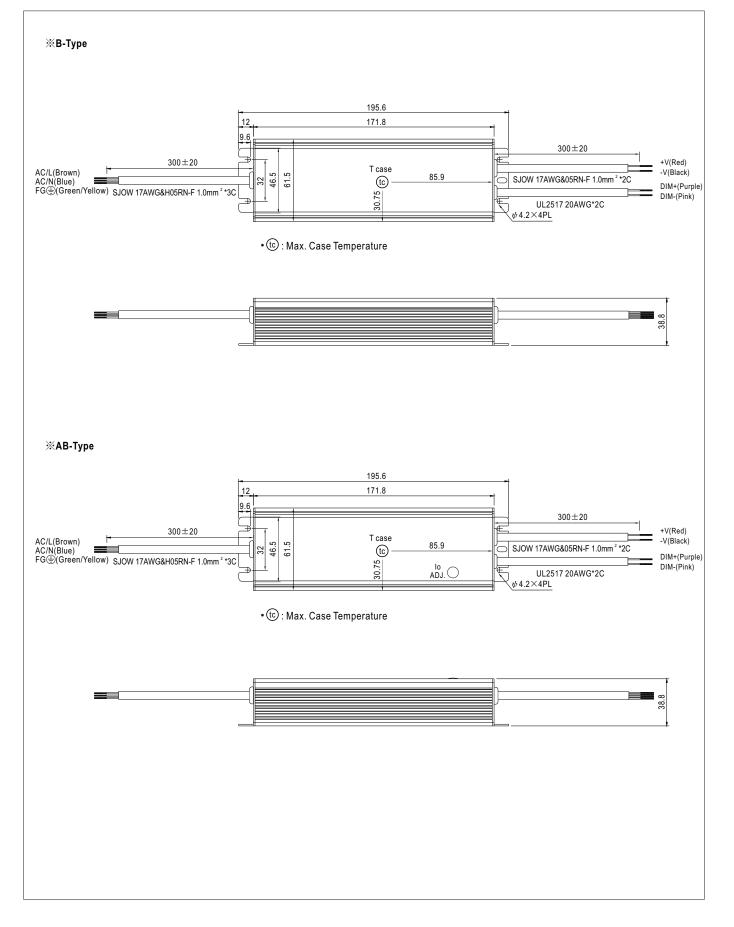
LIFE TIME













WATERPROOF CONNECTION

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

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

