







## Features

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

#### 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.

HLG-40H series is a 40W AC/DC LED driver featuring the dual mode constant voltage and constant current output. HLG-40H operates from 90 ~ 305VAC and offers models with different rated voltage ranging between 12V and 54V. Thanks to the high efficiency up to 89.5%, 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-40H 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 - 40H - 36 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	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



#### SPECIFICATION

MODEL		HLG-40H-12	HLG-40H-15	HLG-40H-20	HLG-40H-24	HLG-40H-30	HLG-40H-36	HLG-40H-42	HLG-40H-48	HLG-40H-54	
	DC VOLTAGE	12V	15V	20V	24V	30V	36V	42V	48V	54V	
OUTPUT	CONSTANT CURRENT REGION Note.4		9~15V	12 ~ 20V	14.4 ~ 24V	18 ~ 30V	21.6 ~ 36V	25.2 ~ 42V	28.8~48V	32.4 ~ 54V	
	RATED CURRENT	3.33A	2.67A	2A	1.67A	1.34A	1.12A	0.96A	0.84A	0.75A	
	RATED POWER	39.96W	40.05W	40W	40.08W	40.2W	40.32W	40.32W	40.32W	40.5W	
	RIPPLE & NOISE (max.) Note.2		150mVp-p	150mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	300mVp-p	300mVp-p	
	VOLTAGE ADJ. RANGE			nly (via built-ir	· · · · · · · · · · · · · · · · · · ·	, <u> </u>				1	
		10.8 ~ 13.5V	13.5 ~ 17V	17 ~ 22V	22 ~ 27V	27 ~ 33V	33 ~ 40V	40 ~ 46V	44 ~ 53V	49~58V	
	CURRENT ADJ. RANGE	Adjustable for	r A/AB-Type o	nly (via built-ir	potentiomete	er)					
	CORRENT ADJ. RANGE	2~3.33A	1.6~2.67A	1.2 ~ 2A	1~1.67A	0.8~1.34A	0.67 ~ 1.12A	0.58~0.96A	0.5~0.84A	0.45 ~ 0.75	
	VOLTAGE TOLERANCE Note.3	±2.5%	$\pm 2.0\%$	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	$\pm 1.0\%$	±1.0%	
	LINE REGULATION	±0.5%	$\pm 0.5\%$	±0.5%	$\pm 0.5\%$	±0.5%	±0.5%	±0.5%	$\pm 0.5\%$	±0.5%	
	LOAD REGULATION	±2.0%	$\pm 1.5\%$	±1.0%	$\pm 0.5\%$	±0.5%	±0.5%	±0.5%	$\pm 0.5\%$	±0.5%	
	SETUP, RISE TIME Note.6	500ms,80ms/	115VAC 50	0ms,80ms/230	OVAC						
	HOLD UP TIME (Typ.)	16ms / 115VAC, 230VAC									
INPUT		90 ~ 305VAC 127 ~ 431VDC									
	VOLTAGE RANGE Note.5										
	FREQUENCY RANGE	47 ~ 63Hz									
	TREQUENTIANCE		VAC PE>NO	5/230VAC, PF	> 0 92/2771/4	C @ full load					
	POWER FACTOR (Typ.)					0					
		(Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)									
	TOTAL HARMONIC DISTORTION	THD< 20% (@ load≧60% / 115VAC,230VAC; @ load≧75% / 277VAC) (Please refer to "TOTAL HARMONIC DISTORTION (THD)" section)									
					, ,	, <u>, , , , , , , , , , , , , , , , , , </u>	00.5%	00.5%	00.5%	00.50/	
	EFFICIENCY (Typ.)	86.5%	86.5%	88%	88%	88.5%	88.5%	88.5%	89.5%	89.5%	
H	AC CURRENT (Typ.)	0.43A / 115VA		/ 230VAC	0.23A/277VA						
	INRUSH CURRENT(Typ.)										
	MAX. No. of PSUs on 16A	12 units (circuit breaker of type B) / 20 units (circuit breaker of type C) at 230VAC									
	CIRCUIT BREAKER										
	LEAKAGE CURRENT	T <0.75mA/277VAC									
	OVER CURRENT	95 ~ 108%									
		Constant current limiting, recovers automatically after fault condition is removed									
DEATECTION	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed									
PROTECTION		15~21V         18~24V         23~30V         28~35V         35~43V         41~49V         48~58V         54~65V         59~68V									
	OVER VOLTAGE	Shut down o/p voltage, re-power on to recover									
	OVER TEMPERATURE	Shut down o/p	o voltage, re-po	ower on to reco	over						
	WORKING TEMP.	Tcase= -40 ~	+80°C (Pleas	e refer to "OU"	TPUT LOAD v	S TEMPERATU	IRE" section)				
	MAX. CASE TEMP.	Tcase= -40 ~ +80°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section) Tcase= +80°C									
	WORKING HUMIDITY	20 ~ 95% RH	non-condensir	ng							
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C. ′									
	TEMP. COEFFICIENT	±0.03%/°C (	0.0								
	VIBRATION		,	la pariad for	70min oach al	ong V. V. Z ovo	2				
	SAFETY STANDARDS Note.8										
		J61347-1,J61347-2-13 (except for B,AB and D-type); design refer to UL60950-1, TUV EN60950-1, EN60335-1 I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC									
	WITHSTAND VOLTAGE						,				
	WITHSTAND VOLTAGE	I/P-O/P:3.75	KVAC I/P-F	G:2KVAC O	/P-FG:1.5KVA	.C	,				
SAFETY & EMC	ISOLATION RESISTANCE	I/P-O/P:3.75I I/P-O/P, I/P-F	KVAC I/P-F G, O/P-FG:10	G:2KVAC O 00M Ohms / 50	/P-FG:1.5KVA 0VDC / 25°C/	.C 70% RH		and CR17625		020	
		I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to	KVAC I/P-F G, O/P-FG:10 EN55015, EN	G:2KVAC 0, 00M Ohms / 50 61000-3-2 Cla	/P-FG:1.5KVA 00VDC / 25°C/ ss C (@ load≧	C 70% RH 60%) ; EN6100		3 and GB17625	.1, EAC TP TC	020	
	ISOLATION RESISTANCE	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to	KVAC I/P-F G, O/P-FG:10 EN55015, EN EN61000-4-2	G:2KVAC 0, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11;	/P-FG:1.5KVA 00VDC / 25°C/ ss C (@ load≧ EN61547, EN5	C 70% RH 60%) ; EN6100	0-3-3,GB17743	3 and GB17625	.1, EAC TP TC	020	
	ISOLATION RESISTANCE EMC EMISSION Note.8	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to	KVAC I/P-FG G, O/P-FG:10 EN55015, EN EN61000-4-2 level (surge im	G:2KVAC 0, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11;	/P-FG:1.5KVA 0VDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line-	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC	0-3-3,GB17743	0.r.	.1, EAC TP TC	020	
EMC	ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY	I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to Compliance to light industry I	KVAC I/P-F G, O/P-FG:10 EN55015, EN EN61000-4-2 level (surge im nin. Telcord	G:2KVAC 0, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; munity Line-Ea	/P-FG:1.5KVA 0VDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line-	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC	0-3-3,GB17743 TP TC 020	0.r.	.1, EAC TP TC	020	
EMC	ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8	KVAC I/P-F G, O/P-FG:10 EN55015, EN EN61000-4-2 level (surge im nin. Telcord Bmm (L*W*H)	G:2KVAC 0, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; munity Line-Ea ia SR-332 (Bel	/P-FG:1.5KVA 0VDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line-	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC	0-3-3,GB17743 TP TC 020	0.r.	.1, EAC TP TC	020	
EMC	ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8 0.73Kg; 20pcs	KVAC I/P-F G, O/P-FG:1( EN55015, EN D EN61000-4-2 level (surge im nin. Telcord Bmm (L*W*H) s/15.6Kg/0.9Cl	G:2KVAC 0, 00M Ohms / 50, 61000-3-2 Cla 2,3,4,5,6,8,11; munity Line-Ea ia SR-332 (Bel	/P-FG:1.5KVA 10VDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line- Icore) ; 336.5K	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI	0-3-3,GB17743 TP TC 020 L-HDBK-217F	(25°℃)	.1, EAC TP TC	020	
EMC	ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8 0.73Kg; 20pcs y mentioned ar	KVAC I/P-F G, O/P-FG:1( ) EN55015, EN b EN61000-4-2 level (surge im nin. Telcord 3mm (L*W*H) s/15.6Kg/0.9Cl re measured a	G:2KVAC O, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; munity Line-Ea ia SR-332 (Bel UFT tt 230VAC input	/P-FG:1.5KVA 10VDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line- Icore) ; 336.5K	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI	0-3-3,GB17743 TP TC 020 L-HDBK-217F ambient temp	(25°C) erature.		020	
EMC	ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8 0.73Kg; 20pcs y mentioned ar d at 20MHz of	KVAC I/P-F G, O/P-FG:1( ) EN55015, EN b EN61000-4-2 level (surge im nin. Telcord 3mm (L*W*H) s/15.6Kg/0.9Cl re measured a bandwidth by	G:2KVAC O, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; munity Line-Ea ia SR-332 (Bel UFT tt 230VAC inpu using a 12" tw	/P-FG:1.5KVA loVDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line- lcore) ; 336.5K	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI	0-3-3,GB17743 TP TC 020 L-HDBK-217F ambient temp	(25°C) erature.		020	
EMC	ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT speciall 2. Ripple & noise are measure	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8 0.73Kg; 20pcs y mentioned ar d at 20MHz of tolerance, line m	KVAC I/P-F G, O/P-FG:1( ) EN55015, EN b EN61000-4-2 level (surge im nin. Telcord 3mm (L*W*H) s/15.6Kg/0.9Cl re measured a bandwidth by regulation and	G:2KVAC O, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; munity Line-Ea ia SR-332 (Bel UFT tt 230VAC inpu using a 12" tw load regulation	/P-FG:1.5KVA loVDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line- lcore) ; 336.5K	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI	0-3-3,GB17743 TP TC 020 L-HDBK-217F ambient temp	(25°C) erature.		020	
EMC	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 to	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8 0.73Kg; 20pcs y mentioned ar d at 20MHz of tolerance, line m ETHODS OF I	KVAC I/P-F G, O/P-FG:1( ) EN55015, EN D EN61000-4-2 level (surge im nin. Telcord 3mm (L*W*H) s/15.6Kg/0.9Cl re measured a bandwidth by regulation and LED MODULE	G:2KVAC O, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; munity Line-Ea ia SR-332 (Bel UFT tt 230VAC inpu using a 12" tw load regulation ".	/P-FG:1.5KVA IOVDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line- lcore) ; 336.5K ut, rated currer <i>v</i> isted pair-wire n.	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI nt and 25°C of the terminated with	0-3-3,GB17743 TP TC 020 L-HDBK-217F ambient temp th a 0.1uf & 47	(25°C) erature. 'uf parallel cap		020	
EMC	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 t 4. Please refer to "DRIVING M	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8 0.73Kg; 20pcs y mentioned ar d at 20MHz of tolerance, line m ETHODS OF L inder low input	KVAC I/P-F G, O/P-FG:1( ) EN55015, EN D EN61000-4-2 level (surge im nin. Telcord Bmm (L*W*H) s/15.6Kg/0.9Cl re measured a bandwidth by regulation and LED MODULE voltages. Please	G:2KVAC 0, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; in unity Line-Ea ia SR-332 (Bel UFT tt 230VAC inpu using a 12" tw load regulation :". se refer to "ST	/P-FG:1.5KVA loVDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line- lcore) ; 336.5K ut, rated currer <i>i</i> isted pair-wire n. ATIC CHARA	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI nt and 25°C of terminated wi CTERISTIC" s	0-3-3,GB17743 TP TC 020 L-HDBK-217F ambient temp th a 0.1uf & 47 ections for deta	(25°C) erature. 'uf parallel cap ails.		020	
EMC	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 t 4. Please refer to "DRIVING M 5. De-rating may be needed up	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8 0.73Kg; 20pcs y mentioned ar d at 20MHz of tolerance, line m ETHODS OF I inder low input v asured at first c	KVAC I/P-F G, O/P-FG:10 PEN5015, EN DEN61000-4-2 level (surge im nin. Telcord Bmm (L*W*H) s/15.6Kg/0.9Cl re measured a bandwidth by regulation and LED MODULE voltages. Pleas old start. Turn	G:2KVAC O, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; imunity Line-Ea ia SR-332 (Bel UFT tt 230VAC inpu using a 12" tw load regulation "." se refer to "ST ing ON/OFF tf	/P-FG:1.5KVA loVDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line- lcore) ; 336.5K ut, rated currer <i>i</i> isted pair-wire n. ATIC CHARA ne driver may	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI nt and 25°C of terminated wi CTERISTIC" so lead to increas	0-3-3,GB17743 TP TC 020 L-HDBK-217F i ambient temp th a 0.1uf & 47 ections for deta e of the set up	(25°C) erature. 'uf parallel cap ails. time.	vacitor.		
EMC OTHERS	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 t 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	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8 0.73Kg; 20pcs y mentioned ar d at 20MHz of tolerance, line m IETHODS OF I inder low input v asured at first c a component th al equipment m	KVAC I/P-Fi G, O/P-FG:1( ) EN55015, EN D EN61000-4-2 level (surge im nin. Telcord Bmm (L*W*H) s/15.6Kg/0.9Cl re measured a bandwidth by regulation and LED MODULE voltages. Pleas old start. Turn hat will be ope anufacturers in	G:2KVAC O, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; imunity Line-Ea ia SR-332 (Bel UFT tt 230VAC inpu using a 12" tw load regulation 5". se refer to "ST ing ON/OFF tt rrated in combin must re-qualify	/P-FG:1.5KVA ioVDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line- lcore) ; 336.5K ut, rated currer <i>i</i> isted pair-wire n. ATIC CHARA he driver may ination with fin EMC Directive	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI nt and 25°C of terminated wi CTERISTIC" so lead to increas al equipment. So e on the comp	0-3-3,GB17743 TP TC 020 L-HDBK-217F i ambient temp th a 0.1uf & 47 ections for deta e of the set up Since EMC per ete installation	(25°C) erature. 'uf parallel cap ails. time. formance will again.	vacitor. be affected by		
EMC OTHERS	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 t 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	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8 0.73Kg; 20pcs y mentioned ar d at 20MHz of tolerance, line m IETHODS OF I inder low input v asured at first c a component th al equipment m	KVAC I/P-Fi G, O/P-FG:1( ) EN55015, EN D EN61000-4-2 level (surge im nin. Telcord Bmm (L*W*H) s/15.6Kg/0.9Cl re measured a bandwidth by regulation and LED MODULE voltages. Pleas old start. Turn hat will be ope anufacturers in	G:2KVAC O, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; imunity Line-Ea ia SR-332 (Bel UFT tt 230VAC inpu using a 12" tw load regulation 5". se refer to "ST ing ON/OFF tt rrated in combin must re-qualify	/P-FG:1.5KVA ioVDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line- lcore) ; 336.5K ut, rated currer <i>i</i> isted pair-wire n. ATIC CHARA he driver may ination with fin EMC Directive	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI nt and 25°C of terminated wi CTERISTIC" so lead to increas al equipment. So e on the comp	0-3-3,GB17743 TP TC 020 L-HDBK-217F i ambient temp th a 0.1uf & 47 ections for deta e of the set up Since EMC per ete installation	(25°C) erature. 'uf parallel cap ails. time. formance will again.	vacitor. be affected by		
EMC OTHERS	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 t 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.	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to light industry I 1131.9K hrs m 171*61.5*36.8 0.73Kg; 20pcs y mentioned ar d at 20MHz of tolerance, line r IETHODS OF I inder low input v asured at first c a component th al equipment me b latest ErP reg	KVAC I/P-Fr G, O/P-FG:10 EN55015, EN D EN61000-4-2 level (surge im nin. Telcord Bmm (L*W*H) s/15.6Kg/0.9Cl re measured a bandwidth by regulation and LED MODULE voltages. Pleas old start. Turn hat will be ope nanufacturers r ulation for ligh	G:2KVAC O, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; imunity Line-Ea ia SR-332 (Bel UFT tt 230VAC inpu using a 12" tw load regulation "." se refer to "ST ing ON/OFF th rrated in combin must re-qualify ting fixtures, th	/P-FG:1.5KVA i0VDC / 25°C/ ss C (@ load≧ EN61547, EN5 arth 4KV, Line- lcore) ; 336.5K ut, rated currer <i>v</i> isted pair-wire n. ATIC CHARA he driver may ination with fina EMC Directive his LED driver	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI nt and 25°C of terminated wi CTERISTIC" so lead to increas al equipment. So e on the comp can only be us	0-3-3,GB17743 TP TC 020 L-HDBK-217F i ambient temp th a 0.1uf & 47 ections for deta e of the set up Since EMC per lete installation ed behind a su	(25°C) erature. 'uf parallel cap ails. time. formance will again. witch without p	bacitor. be affected by ermanently	the	
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EMC OTHERS	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 ti 4. Please refer to "DRIVING M 5. De-rating may be needed ut 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 typical 10. Please refer to the warrant	I/P-O/P:3.75I I/P-O/P, I/P-F Compliance to Compliance to Compliance to Iight industry I 1131.9K hrs m 171*61.5*36.6 0.73Kg; 20pcs y mentioned ar d at 20MHz of tolerance, line r IETHODS OF I nder low input v asured at first c a component th al equipment m e latest ErP reg life expectancy y statement on derating of 3.5°C nd IP water pro	KVAC I/P-Fi G, O/P-FG:10 pEN55015, EM pEN5100-4-2 level (surge im nin. Telcord Bmm (L*W*H) s/15.6Kg/0.9Cl re measured a bandwidth by regulation and LED MODULE poltages. Pleas old start. Turn at will be ope anufacturers r ulation for ligh r of >62,000 h MEAN WELL C/1000m with of function ins	G:2KVAC 0, 00M Ohms / 50 61000-3-2 Cla 2,3,4,5,6,8,11; munity Line-Ea ia SR-332 (Bel UFT tt 230VAC inpu using a 12" tw load regulation T se refer to "ST ing ON/OFF th rated in combin must re-qualify ting fixtures, th ours of operatin 's website at h fanless model	/P-FG:1.5KVA i0VDC / 25°C/ ss C (@ load≥ EN61547, EN5 arth 4KV, Line- lcore) ; 336.5K ut, rated currer visted pair-wire n. ATIC CHARA he driver may ination with fin- EMC Directive is LED driver is LED driver is and of 5°C/1	C 70% RH 60%) ; EN6100 5024, Line 2KV), EAC hrs min. MI nt and 25°C of terminated with CTERISTIC" so lead to increas al equipment. So e on the comp can only be us se, particularly ( unwell.com. 000m with fan	0-3-3, GB17743 TP TC 020 L-HDBK-217F i ambient temp th a 0.1uf & 47 ections for deta e of the set up Since EMC per lete installation ed behind a su (c) point (or Th models for op	(25°C) erature. 'uf parallel cap ails. time. tformance will again. witch without p MP, per DLC), erating altitude	be affected by ermanently is about 75°C	the or less.	





Typical output current normalized by rated current (%)







# HLG-40H 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-40H series

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#### WATERPROOF CONNECTION

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

Waterproof connector can be assembled on the output cable of HLG-40H to operate in dry/wet/damp or outdoor environment.



#### INSTALLATION MANUAL

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



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный) **Факс:** 8 (812) 320-02-42 **Электронная почта:** <u>org@eplast1.ru</u> **Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.