







Features

- Wide input range 180 ~ 528VAC
- · Constant power mode output
- · Metal housing with Class I design
- Surge protection with 8KV/4KV
- · Built-in active PFC function
- · IP67 design for indoor or outdoor installation
- 3 in 1 dimming (dim to off and Isolation); Smart timer dimming and DALI-2
- Support with auxiliary DC output 12V/500mA
- Typical lifetime>50000 hours
- 5 years warranty

Description

Applications

- Harbor lighting
- High-bay lighting
- Flood lighting
- Fishing lamp
- Horticulture lighting
- Stadium lighting
- Type "HL" for use in Class I , Division 2 hazardous (Classified) location.

GTIN CODE

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

HVGC-1000 series is a 1000W LED AC/DC driver featuring the constant power mode with wide output voltage range. HVGC-1000 operates from 180~528VAC and offers models with different rated current ranging between 1320mA and 7000mA. Thanks to the high efficiency up to 96%, with the fanless design, all models are able to operate for $-40^{\circ}C \sim +90^{\circ}C$ case temperature under free air convection. The design of metal housing and IP67 ingress protection level allows this series to fit both indoor and outdoor applications, such as horticulture lighting and stadium light HVGC-1000 is equipped with various function options, such as dimming methodologies, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding HVGC - 1000A - M - AB Function options(AB/D2/Dx/DA) Rated output current(L: 2800/ M: 4200/ H: 5600mA) Auxiliary DC output(12V@500mA) Rated wattage Series name

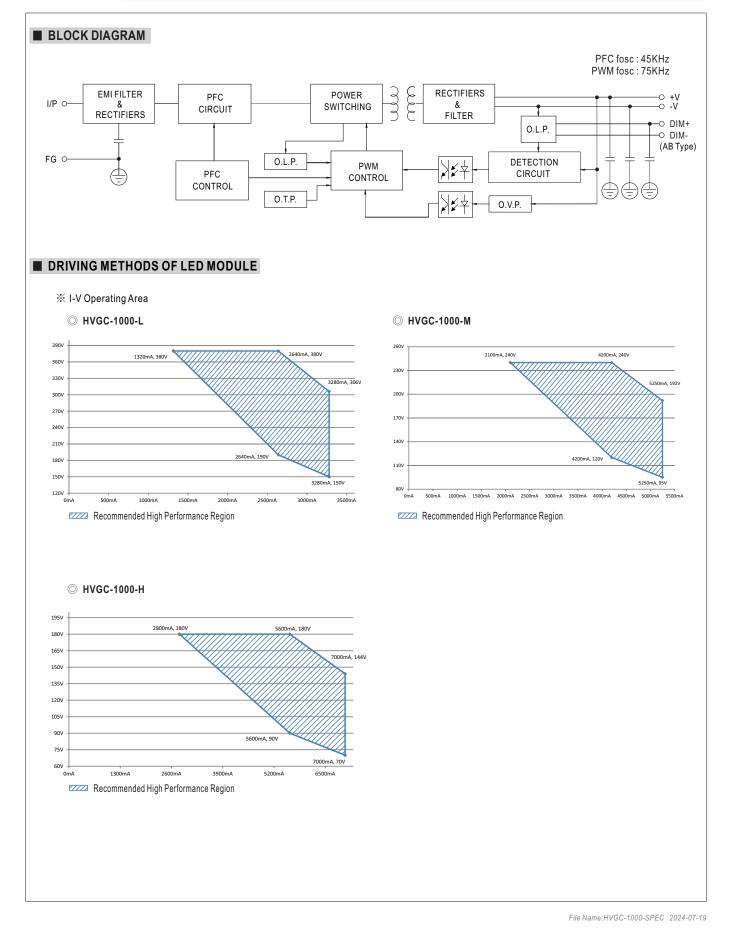
Туре	IP Level	Function	Note
AB	IP67	Standard constant power output with 3 in 1 dimming function (0~10Vdc, 10V PWM signal and resistance) and built-in potentiometer.	In Stock
D2	IP67	Built-in Smart timer dimming and programmable function.	By request
Dx	IP67	Built-in Smart timer dimming function by user request.	By request
DA	IP67	DALI-2 control technology with Io Adjustable via built-in potentiometer.	By request



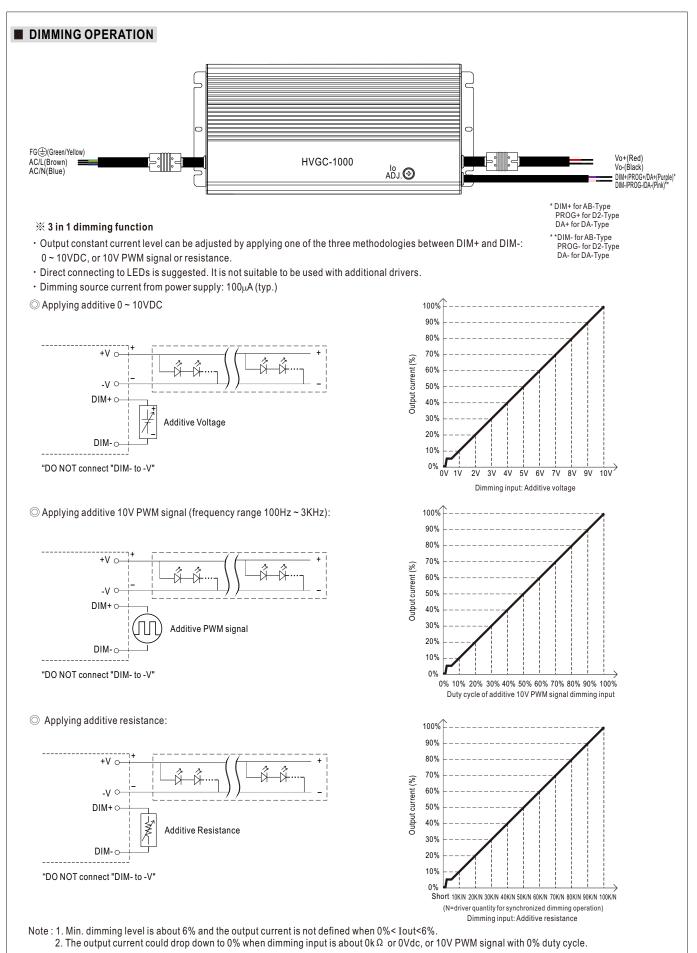
SPECIFICATION

MODEL		HVGC-1000A-L-	HVGC-1000A-M-	HVGC-1000A-H-			
	RATED CURRENT	2800mA	4200mA	5600mA			
	RATED POWER	1003.2W	1008W	1008W			
	CONSTANT CURRENT REGION Note.2	150 ~ 380V	95 ~ 240V	70 ~ 180V			
	FULL POWER CURRENT RANGE		4200~5250mA	5600~7000mA			
	OPEN CIRCUIT VOLTAGE (max.)		250V	190V			
OUTPUT	CURRENT ADJ. RANGE	1320~3280mA	2100~5250mA	2800~7000mA			
			2100-5230IIIA	2000 700011A			
	CURRENT RIPPLE	3.0% max. @ rated current					
	CURRENT TOLERANCE	±5%					
	AUXILIARY POWER	,	:150mVp-p)@500mA for HVGC-1000A only				
	SET UP TIME Note.4	500ms/230VAC, 347VAC, 480VAC					
	VOLTAGE RANGE Note.3	180 ~ 528VAC (Please refer to "STATIC CHARACTERISTIC" section)					
	FREQUENCY RANGE	47 ~ 63Hz					
	POWER FACTOR (Typ.)	$\label{eq:PF} PF \ge 0.98 \ / \ 230 VAC, \ PF \ge 0.98 \ / \ 277 VAC, \ PF \ge 0.97 \ / \ 347 VAC, \ PF \ge 0.96 \ / \ 400 VAC, \ PF \ge 0.95 \ / \ 480 VAC \ at \ full \ load \ (Please \ refer \ to \ "Power \ Factor \ Characteristic" \ section)$					
	TOTAL HARMONIC DISTORTION	THD< 10% @ 347VAC> 80% loading					
	TOTAL HARMONIC DISTORTION	(Please refer to "TOTAL HARMONIC DISTORTION (THD)" section)					
INPUT	EFFICIENCY (Typ.)	95.5% 96% 96%					
	AC CURRENT (Typ.)	3.15A/347VAC 2.28A/480VAC					
	INRUSH CURRENT(Typ.)	COLD START 40A(twidth=1850us measure	ed at 50% Ipeak) at 480VAC; Per NEMA 410				
	MAX. NO. of PSUs on						
	CIRCUIT BREAKER	4 Unit for 30A type B circuit breaker / 8 unit for 30A type C circuit breaker at 480VAC					
	STANDBY	Standby power consumption <2W for AB-Ty	pe(Dimming OFF)				
	POWER CONSUMPTION						
	SHORT CIRCUIT	Constant current limiting, recovers autor					
	OVER VOLTAGE	400 ~ 425V	250 ~ 270V	190 ~ 205V			
FROILCHON	OVER VOLIAGE	Shut down output voltage, re-power on t	o recovery				
	OVER TEMPERATURE	Shut down output voltage, re-power on t	o recovery				
	WORKING TEMP.	Tcase=-40 ~ +90°C (Please refer to "OU"	TPUT LOAD vs TEMPERATURE" section)				
	MAX. CASE TEMP.	Tcase=+90°C					
		-					
	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
ENVIRONMENT							
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH non-condens	sing				
ENVIRONMENT	STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT	-40 ~ +80°C, 10 ~ 95% RH non-condens ±0.03%/°C (0 ~ 50°C)	ing				
ENVIRONMENT		,					
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fo		N61347-2-13 independent, BS EN/EN623			
ENVIRONMENT	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fo	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E	N61347-2-13 independent, BS EN/EN623			
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS	\pm 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved	N61347-2-13 independent, BS EN/EN623			
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS	\pm 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6)	N61347-2-13 independent, BS EN/EN623			
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fo UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC	N61347-2-13 independent, BS EN/EN623			
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fo UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms /	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC	N61347-2-13 independent, BS EN/EN623			
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH				
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE	\pm 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard	Test Level/Note			
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE	\pm 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743	Test Level/Note			
ENVIRONMENT	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	\pm 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743	Test Level/Note			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	\pm 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1	Test Level/Note			
SAFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	$\pm 0.03\%$ (°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3	Test Level/Note			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE		or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1	Test Level/Note Class C @load≥50%			
SAFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	\pm 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB Parameter	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard	Test Level/Note Class C @load≥50% Test Level/Note			
SAFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	\pm 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB Parameter ESD	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact			
SAFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB Parameter ESD Radiated	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2			
SAFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GF Parameter ESD Radiated EFT/Burst	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3			
SAFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GF Parameter ESD Radiated EFT/Burst Surge	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 B17625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth			
SAFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB Parameter ESD Radiated EFT/Burst Surge Conducted	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 B317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2			
SAFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GF Parameter ESD Radiated EFT/Burst Surge	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 B17625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4			
SAFETY &	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	$\pm 0.03\%$ °C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 perio >95% interruptions 250 periods			
SAFETY & EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	$\pm 0.03\%$ °C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Be	br 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 perio >95% interruptions 250 periods			
SAFETY & EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION	$\pm 0.03\%$ °C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Be 310*144*48.5mm (L*W*H)	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 perio >95% interruptions 250 periods			
SAFETY & EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING	$\pm 0.03\%$ °C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GE Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Be 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 Ilcore) ; 68.4K hrs min.	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods C)			
SAFETY & EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special	$\pm 0.03\%$ °C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GE Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Be 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347VAC	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods C)			
SAFETY & EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Please refer to "DRIVING M	$\pm 0.03\%$ °C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Be 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347VAC //ETHODS OF LED MODULE".	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 B17625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 Ilcore) ; 68.4K hrs min. MIL-HDBK-217F (25°	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods C) erature.			
SAFETY & EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special 2. Please refer to "DRIVING M 3. De-rating may be needed u	$\pm 0.03\%$ (°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P.3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Be 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347VAC /ETHODS OF LED MODULE".	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 Ilcore) ; 68.4K hrs min. MIL-HDBK-217F (25° "STATIC CHARACTERISTIC" sections for def	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods C) erature. ails.			
SAFETY & EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me	$\pm 0.03\%$ (°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Be 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347VAC //ETHODS OF LED MODULE". Inder low input voltages. Please refer to asured at first cold start. Turning ON/OF	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 Ilcore) ; 68.4K hrs min. MIL-HDBK-217F (25° input, rated current and 25°C of ambient temp "STATIC CHARACTERISTIC" sections for del F the power supply may lead to increase of th	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods 'C') erature. tails. ne set up time.			
SAFETY & EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as	$\pm 0.03\%$ (°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GF Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Be 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347VAC ACTHODS OF LED MODULE". Inder low input voltages. Please refer to asured at first cold start. Turning ON/OF a component that will be operated in co	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 Ilcore); 68.4K hrs min. mput, rated current and 25°C of ambient temp "STATIC CHARACTERISTIC" sections for del F the power supply may lead to increase of the mbination with final equipment. Since EMC part	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods 'C') erature. tails. ne set up time. erformance will be affected by the			
SAFETY & EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as complete installation, the fir	$\pm 0.03\%$ (°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period fc UL8750(type"HL"), CAN/CSA C22.2 NO. CCC GB19510.1,GB19510.14; EAC TP Compare to IEC62386-101.102.207 fo I/P-O/P:3KVAC I/P-FG:2KVAC O/ I/P-O/P, I/P-FG, O/P-FG:100M Ohms / FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GI Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Be 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347VAC //ETHODS OF LED MODULE". inder low input voltages. Please refer to asured at first cold start. Turning ON/OF a component that will be operated in co	or 72min. each along X, Y, Z axes 250. 13-17, ENEC BS EN/EN61347-1, BS EN/E TC 004, IP67 approved r DA-Type only (Device type 6, DT6) P-FG:1.8KVAC 500VDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 317625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 Ilcore) ; 68.4K hrs min. mput, rated current and 25°C of ambient temp "STATIC CHARACTERISTIC" sections for def F the power supply may lead to increase of the mbination with final equipment. Since EMC pe alify EMC Directive on the complete installatio	Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods 'C') erature. tails. ne set up time. erformance will be affected by the			
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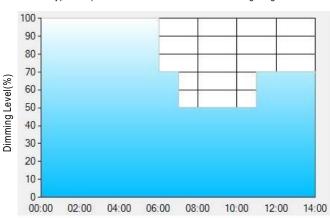






% Smart timer dimming function (for Dxx-Type by User definition)

MEAN WELL Smart timer dimming primarily provides the adaptive proportion dimming profile for the output constant current level to perform up to 14 consecutive hours. 3 dimming profiles hereunder are defined accounting for the most frequently seen applications. If other options may be needed, please contact MEAN WELL for details.



Ex : O D01-Type: the profile recommended for residential lighting

Set up for D01-Type in Smart timer dimming software program:

	T1	T2	Т3	Τ4
TIME**	06:00	07:00	11:00	
LEVEL**	100%	70%	50%	70%

Operating Time(HH:MM)

**: TIME matches Operating Time in the diagram whereas LEVEL matches Dimming Level.

Example: If a residential lighting application adopts D01-Type, when turning on the power supply at 6:00pm, for instance:

[1] The power supply will switch to the constant current level at 100% starting from 6:00pm.

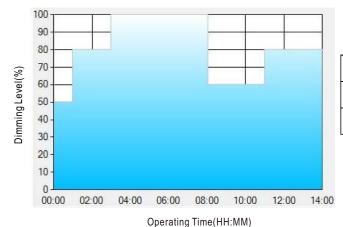
[2] The power supply will switch to the constant current level at 70% in turn, starting from 0:00am, which is 06:00 after the power supply turns on.

[3] The power supply will switch to the constant current level at 50% in turn, starting from 1:00am, which is 07:00 after the power supply turns on.

[4] The power supply will switch to the constant current level at 70% in turn, starting from 5:00am, which is 11:00 after the power supply turns on.

The constant current level remains till 8:00am, which is 14:00 after the power supply turns on.





Set up for D02-Type in Smart timer dimming software program:

	T1	T2	Т3	T4	Т5
TIME**	01:00	03:00	8:00	11:00	
LEVEL**	50%	80%	100%	60%	80%

**: TIME matches Operating Time in the diagram whereas LEVEL matches Dimming Level.

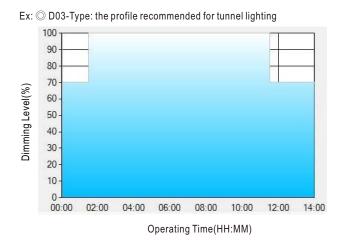
Example: If a street lighting application adopts D02-Type, when turning on the power supply at 5:00pm, for instance:

- [1] The power supply will switch to the constant current level at 50% starting from 5:00pm.
- [2] The power supply will switch to the constant current level at 80% in turn, starting from 6:00pm, which is 01:00 after the power supply turns on.
- [3] The power supply will switch to the constant current level at 100% in turn, starting from 8:00pm, which is 03:00 after the power supply turns on.
- [4] The power supply will switch to the constant current level at 60% in turn, starting from 1:00am, which is 08:00 after the power supply turns on.
- [5] The power supply will switch to the constant current level at 80% in turn, starting from 4:00am, which is 11:00 after the power supply turns on. The constant current level remains till 6:30am, which is 14:00 after the power supply turns on.



1000W Constant Power Mode LED Driver

HVGC-1000 series



Set up for D03-Type in Smart timer dimming software program:

	T1	T2	Т3	T4
TIME**	18:00	20:00	24:00	04:00
LEVEL**	100%	75%	50%	25%

**: TIME matches Operating Time in the diagram whereas LEVEL matches Dimming Level.

Example: If a tunnel lighting application adopts D03-Type, when turning on the power supply at 4:30pm, for instance:

[1] The power supply will switch to the constant current level at 70% starting from 4:30pm.

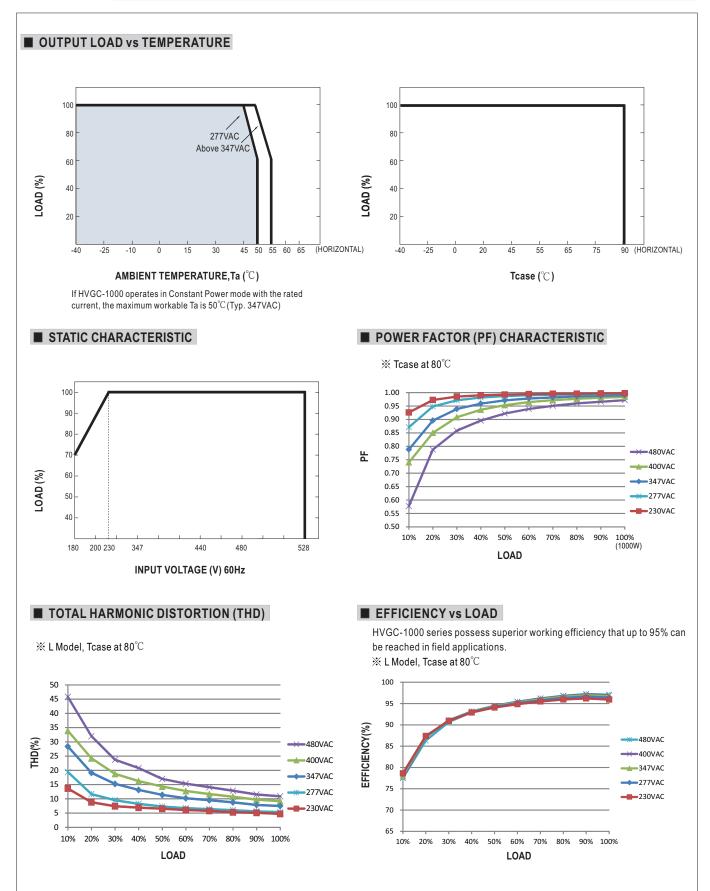
[2] The power supply will switch to the constant current level at 100% in turn, starting from 6:00pm, which is 01:30 after the power supply turns on.

[3] The power supply will switch to the constant current level at 70% in turn, starting from 5:00am, which is 11:00 after the power supply turns on. The constant current level remains till 6:30am, which is 14:00 after the power supply turns on.

※ DALI interface(primary side; for DA-Type)

- Apply DALI signal between DA+ and DA-.
- DALI protocol comprises 16 groups and 64 addresses.
- First step is fixed at 8% of output.



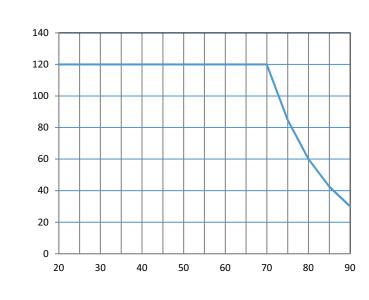




1000W Constant Power Mode LED Driver

HVGC-1000 series

LIFE TIME



Tcase (°C)

MECHANICAL SPECIFICATION

LIFETIME(Kh)

Cable information

Туре	Input cable	Output cable	Dimming cable	AUX cable
AB	SOOW 17AWG \times 3C & H07RN-F 3 \times 1.0mm ²	SOOW 17AWG \times 2C & H07RN-F 2 \times 1.0mm ²	SJOW 17AWG \times 2C & H05RN-F 2 \times 1.0mm ²	SJOW 17AWG \times 2C & H05RN-F 2 \times 1.0mm ²
D2	SOOW 17AWG×3C & H07RN-F 3×1.0mm ²	SOOW 17AWG \times 2C & H07RN-F 2 \times 1.0mm ²	SJOW 17AWG \times 2C & H05RN-F 2 \times 1.0mm ²	SJOW 17AWG×2C & H05RN-F 2×1.0mm ²
Dx	SOOW 17AWG×3C & H07RN-F 3×1.0mm ²	SOOW 17AWG \times 2C & H07RN-F 2 \times 1.0mm ²		SJOW 17AWG×2C & H05RN-F 2×1.0mm ²
DA	SOOW 17AWG \times 3C & H07RN-F 3 \times 1.0mm ²	SOOW 17AWG \times 2C & H07RN-F 2 \times 1.0mm ²	SJOW 17AWG \times 2C & H05RN-F 2 \times 1.0mm ²	SJOW 17AWG \times 2C & H05RN-F 2 \times 1.0mm ²



