





- · Constant Voltage + Constant Current mode output
- · Metal housing design with functional Ground
- · Built-in active PFC function
- · Class 2 power unit
- No load / Standby power consumption < 0.5W
- IP67 / IP65 rating for indoor or outdoor installations
- Function options: output adjustable via potentiometer;
 3 in 1 dimming (dim-to-off); Smart timer dimming; DALI
- Typical lifetime>50000 hours
- 5 years warranty

Applications

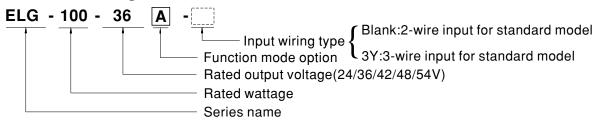
- LED street lighting
- · LED architectural lighting
- · LED bay lighting
- · LED floodlighting
- Type "HL" for use in Class I, Division 2 hazardous (Classified) location.

FHI @ CB (€

Description

ELG-100 series is a 100W AC/DC LED driver featuring the dual mode constant voltage and constant current output. ELG-100 operates from $100\sim360\text{VAC}$ and offers models with different rated voltage ranging between 24V and 54V. Thanks to the high efficiency up to 91%, with the fanless design, the entire series is able to operate for -40 °C \sim +90 °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. ELG-100 is equipped with various function options, such as dimming methodologies, so as to provide the optimal design flexibility for LED lighting system

■ Model Encoding



Type	IP Level	Function	Note
Blank	IP67	Io and Vo fixed.	In Stock
Α	IP65	Io and Vo adjustable through built-in potentiometer.	In Stock
В	IP67	3 in 1 dimming function (0~10Vdc, 10V PWM signal and resistance)	In Stock
AB	IP65	Io and Vo adjustable through built-in potentiometer & 3 in 1 dimming function (0~10Vdc, 10V PWM signal and resistance)	In Stock
DA	IP67	DALI control technology.	In Stock
Dx	IP67	Built-in Smart timer dimming function by user request.	By request
D2	IP67	Built-in Smart timer dimming and programmable function.	In Stock

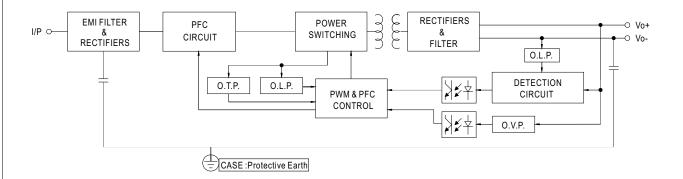


SPECIFICATION

C VOLTAGE DISTANT CURRENT REGION Note.2 ATED CURRENT ATED POWER PPLE & NOISE (max.) Note.3 OLTAGE ADJ. RANGE URRENT ADJ. RANGE OLTAGE TOLERANCE Note.4 NE REGULATION DAD REGULATION ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) DLTAGE RANGE DWER FACTOR OTAL HARMONIC DISTORTION ETICIENCY (Typ.)	4.0A 200VAC ~ 305VAC 96W 100VAC ~ 180VAC 70W 200mVp-p Adjustable for A/AB-Type 21.6 ~ 26.4V Adjustable for A/AB-Type 2 ~ 4A ±3.0% ±0.5% ±1.0% 1000ms, 80ms/115VAC 15ms/115VAC 10ms 100 ~ 305VAC 1 (Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF ≥ (Please refer to "POWER	32.4 ~ 39.6V e only (via the built-in p 1.33 ~ 2.66A ±2.5% ±0.5% ±1.0% 500ms, 100ms/23 /230VAC 42 ~ 431VDC contine CHARACTERISTIC" s 0.95/230VAC, PF ≥ 0.9	37.8 ~ 46.2V otentiometer) 1.14 ~ 2.28A ±2.5% ±0.5% ±0.5% 0VAC	48V 24 ~ 48V 2A 96W 70W 300mVp-p 43.2 ~ 52.8V 1 ~ 2A ±2.0% ±0.5% ±0.5%	54V 27 ~ 54V 1.78A 96.12W 70W 350mVp-p 48.6 ~ 59.4V 0.89 ~ 1.78A ±2.0% ±0.5% ±0.5%					
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OLTAGE ADJ. RANGE URRENT ADJ. RANGE OLTAGE TOLERANCE Note.4 NE REGULATION DAD REGULATION ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) OLTAGE RANGE Note.5 REQUENCY RANGE OWER FACTOR	70W 200mVp-p Adjustable for A/AB-Type 21.6 ~ 26.4V Adjustable for A/AB-Type 2 ~ 4A ±3.0% ±0.5% ±1.0% 1000ms, 80ms/115VAC 15ms/115VAC 10ms 100 ~ 305VAC 1 (Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF ≥ (Please refer to "POWER	250mVp-p e only (via the built-in p 32.4 ~ 39.6V e only (via the built-in p 1.33 ~ 2.66A ±2.5% ±0.5% ±1.0% 500ms, 100ms/23 /230VAC 42 ~ 431VDC contir CHARACTERISTIC" s 0.95/230VAC, PF ≥ 0.9	250mVp-p otentiometer) 37.8 ~ 46.2V otentiometer) 1.14 ~ 2.28A ±2.5% ±0.5% ±0.5% 0VAC	300mVp-p 43.2 ~ 52.8V 1 ~ 2A	350mVp-p 48.6 ~ 59.4V 0.89 ~ 1.78A ±2.0% ±0.5%					
OLTAGE ADJ. RANGE URRENT ADJ. RANGE OLTAGE TOLERANCE Note.4 NE REGULATION DAD REGULATION ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) OLTAGE RANGE Note.5 REQUENCY RANGE OWER FACTOR	200mVp-p Adjustable for A/AB-Type 21.6 ~ 26.4V Adjustable for A/AB-Type 2 ~ 4A ±3.0% ±0.5% ±1.0% 1000ms, 80ms/115VAC 15ms/115VAC 10ms 100 ~ 305VAC (Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF≥ (Please refer to "POWER	250mVp-p e only (via the built-in p 32.4 ~ 39.6V e only (via the built-in p 1.33 ~ 2.66A ±2.5% ±0.5% ±1.0% 500ms, 100ms/23 /230VAC 42 ~ 431VDC contir CHARACTERISTIC" s 0.95/230VAC, PF ≥ 0.9	250mVp-p otentiometer) 37.8 ~ 46.2V otentiometer) 1.14 ~ 2.28A ±2.5% ±0.5% ±0.5% 0VAC	300mVp-p 43.2 ~ 52.8V 1 ~ 2A	350mVp-p 48.6 ~ 59.4V 0.89 ~ 1.78A ±2.0% ±0.5%					
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OLTAGE TOLERANCE Note.4 INE REGULATION DAD REGULATION ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) OLTAGE RANGE Note.5 REQUENCY RANGE OWER FACTOR	2 ~ 4A ±3.0% ±0.5% ±1.0% 1000ms, 80ms/115VAC 15ms/115VAC 10ms 100 ~ 305VAC 1 (Please refer to "STATIO 47 ~ 63Hz PF ≥ 0.97/115VAC, PF ≥ (Please refer to "POWER	1.33 ~ 2.66A ±2.5% ±0.5% ±1.0% 500ms, 100ms/23 /230VAC 42 ~ 431VDC contine CHARACTERISTIC" s 0.95/230VAC, PF ≥ 0.9	1.14 ~ 2.28A ±2.5% ±0.5% ±0.5% 0VAC	±2.0% ±0.5% ±0.5%	±2.0% ±0.5%					
OLTAGE TOLERANCE Note.4 INE REGULATION DAD REGULATION ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) OLTAGE RANGE Note.5 REQUENCY RANGE OWER FACTOR	±3.0% ±0.5% ±1.0% 1000ms, 80ms/115VAC 15ms/115VAC 10ms 100 ~ 305VAC 1 (Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF≥ (Please refer to "POWER	±2.5% ±0.5% ±1.0% 500ms, 100ms/23 /230VAC 42 ~ 431VDC contin CHARACTERISTIC" s 0.95/230VAC, PF ≥ 0.9	±2.5% ±0.5% ±0.5% 0VAC	±2.0% ±0.5% ±0.5%	±2.0% ±0.5%					
NE REGULATION DAD REGULATION ETUP, RISE TIME Note.6 DLD UP TIME (Typ.) DLTAGE RANGE Note.5 REQUENCY RANGE DWER FACTOR	±0.5% ±1.0% 1000ms, 80ms/115VAC 15ms/115VAC 10ms 100 ~ 305VAC 1 (Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF≥ (Please refer to "POWER	±0.5% ±1.0% 500ms, 100ms/23 /230VAC 42 ~ 431VDC contin CHARACTERISTIC" s 0.95/230VAC, PF ≥ 0.9	±0.5% ±0.5% 0VAC nue,320VAC for 24Hrs;	±0.5% ±0.5%	±0.5%					
DAD REGULATION ETUP, RISE TIME Note.6 DLD UP TIME (Typ.) DLTAGE RANGE Note.5 REQUENCY RANGE DWER FACTOR	±1.0% 1000ms, 80ms/115VAC 15ms/115VAC 10ms 100 ~ 305VAC (Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF≥ (Please refer to "POWER	±1.0% 500ms, 100ms/23 /230VAC 42 ~ 431VDC contine CHARACTERISTIC" s 0.95/230VAC, PF ≥ 0.9	±0.5% 0VAC nue,320VAC for 24Hrs;	±0.5%						
ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) DLTAGE RANGE Note.5 REQUENCY RANGE DWER FACTOR DTAL HARMONIC DISTORTION	1000ms, 80ms/115VAC 15ms/115VAC 10ms 100 ~ 305VAC 1 (Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF≥ (Please refer to "POWER	500ms, 100ms/23 /230VAC 42 ~ 431VDC contin CHARACTERISTIC" s 0.95/230VAC, PF ≥ 0.9	ovaC nue,320VAC for 24Hrs;		±0.5%					
DLD UP TIME (Typ.) DLTAGE RANGE Note.5 REQUENCY RANGE DWER FACTOR DTAL HARMONIC DISTORTION	15ms/115VAC 10ms 100 ~ 305VAC 1 (Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF ≥ (Please refer to "POWER	/230VAC 42 ~ 431VDC contin CHARACTERISTIC" s 0.95/230VAC, PF ≥ 0.9	nue,320VAC for 24Hrs;	360VAC for 1Hr						
DLTAGE RANGE Note.5 REQUENCY RANGE DWER FACTOR DTAL HARMONIC DISTORTION	100 ~ 305VAC 1 (Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF ≥ (Please refer to "POWER	42 ~ 431VDC continued to the continued		360VAC for 1Hr						
REQUENCY RANGE DWER FACTOR DTAL HARMONIC DISTORTION	(Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF ≥ (Please refer to "POWER	CHARACTERISTIC" s 0.95/230VAC, PF≥0.9		360VAC for 1Hr						
REQUENCY RANGE DWER FACTOR DTAL HARMONIC DISTORTION	(Please refer to "STATIC 47 ~ 63Hz PF ≥ 0.97/115VAC, PF ≥ (Please refer to "POWER	CHARACTERISTIC" s 0.95/230VAC, PF≥0.9								
OWER FACTOR OTAL HARMONIC DISTORTION	PF≥0.97/115VAC, PF≥ (Please refer to "POWER									
OTAL HARMONIC DISTORTION	(Please refer to "POWER									
OTAL HARMONIC DISTORTION	(Please refer to "POWER		2/277VAC@full load							
	TUD < 200/ (@14>500/									
	THD< 20%((@)l0au≦50%	THD<20%(@load≧50%/115VC; @load≧60%/230VAC; @load≥75%/277VAC)								
FICIENCY (Typ.)	(Please refer to "TOTAL			,						
	88%	89%	90%	90%	91%					
CCURRENT	1.1A / 115VAC 0.6A	/ 230VAC 0.5A/277\	/AC							
RUSH CURRENT(Typ.)	COLD START 60A(twidth=850µs measured at 50% lpeak) at 230VAC; Per NEMA 410									
AX. No. of PSUs on 16A										
RCUIT BREAKER	3 units (circuit breaker of type B) / 6 units (circuit breaker of type C) at 230VAC									
EAKAGE CURRENT	<0.75mA / 277VAC									
D LOAD / STANDBY DWER CONSUMPTION	No load power consumption <0.5W for Blank / A / Dx / D2-Type Standby power consumption <0.5W for B / AB / DA-Type									
JWER CONSOMITTION	95 ~ 108%									
VER CURRENT										
IODT OIDOUIT	Constant current limiting, recovers automatically after fault condition is removed Hiccup mode, recovers automatically after fault condition is removed									
HORT CIRCUIT		1		54 001/	00 701					
VER VOLTAGE	28 ~ 34V	41 ~ 48V	47 ~ 54V	54 ~ 62V	62 ~ 72V					
(ED TEMPEDATURE	Shut down output voltage, re-power on to recover									
/ER TEMPERATURE	Shut down output voltage, re-power on to recover									
ORKING TEMP.	Tcase=-40 ~ +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section)									
AX. CASE TEMP.	Tcase=+90°C									
ORKING HUMIDITY	20 ~ 95% RH non-condensing									
TORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH									
EMP. COEFFICIENT	±0.03%/°C (0~60°C)									
BRATION	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes									
	UL8750(type"HL"), CSA C22.2 No. 250.13-12; IEC/EN/AS/NZS 61347-1, IEC/EN/AS/NZS 61347-2-13 independent, EN62384;									
AFETY STANDARDS										
ALLSTANDARDS			Type only							
	•		,							
			, , , , ,		ENG IP TO UZU; NO KN15, KN61					
		,	Zöz.YKNTS MIN. MIL-	-nubk-21/F (25 C)						
	,	,								
ACKING										
 All parameters NOT specially mentioned are measured at 230VAC input, rated current and 25°C of ambient temperature. Please refer to "DRIVING METHODS OF LED MODULE". For DA-Type, Constant Current region is 60%~100% of maximum voltage under rated power delivery. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. Tolerance : includes set up tolerance, line regulation and load regulation. De-rating may be needed under low input voltages. Please refer to "STATIC CHARACTERISTIC" sections for details. Length of set up time is measured at first cold start. Turning ON/OFF the driver may lead to increase of the set up time. The driver is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. This series meets the typical life expectancy of >50,000 hours of operation when Tcase, particularly (to point (or TMP, per DLC), is about 80°C or less. Please refer to the warranty statement on MEAN WELL's website at http://www.meanwell.com The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500°). For any application note and IP water proof function installation, please refer our user manual before using. 										
	all parameters NOT speciall parameters NOT speciall Please refer to "DRIVING M ander rated power delivery. tipple & noise are measured olerance: includes set up to be-rating may be needed urength of set up time is meative ris considered as complete installation, the fining series meets the typical please refer to the warranty.	EAC TP TC 004;BIS IS15 KC61347-1,KC61347-2- LI STANDARDS Compliance to IEC62386 HSTAND VOLTAGE LATION RESISTANCE LI/P-O/P. 3.75KVAC LATION RESISTANCE CEMISSION Compliance to EN55015 CIMMUNITY Compliance to EN61000-4-2, 978.2K hrs min. Telcordi J99*63*35.5mm (L*W*H O.85kg; 16pcs/14.2kg Lation refer to "DRIVING METHODS OF LED MOD Inder rated power delivery. Lipple & noise are measured at 20MHz of bandwidth be oberating may be needed under low input voltages. Fength of set up time is measured at first cold start. The driver is considered as a component that will be complete installation, the final equipment manufacture his series meets the typical life expectancy of >50,0 Please refer to the warranty statement on MEAN WE Please refer to th	EAC TP TC 004;BİS IS15885(for 24/24B/36/36/4 KC61347-1,KC61347-2-13 approved LI STANDARDS Compliance to IEC62386-101, 102, 207 for DA- THETAND VOLTAGE I/P-O/P:3.75KVAC I/P-FG:2.0KVAC O/P- LATION RESISTANCE I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VD CEMISSION Compliance to EN55015,EN61000-3-2 Class C (CIMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11; EN61547, light BF 978.2K hrs min. Telcordia SR-332 (Bellcore) 199*63*35.5mm (L*W*H) CKING O.85kg; 16pcs/14.2kg/0.72CUFT Olease refer to "DRIVING METHODS OF LED MODULE". For DA-Type, Conder rated power delivery. Lipple & noise are measured at 20MHz of bandwidth by using a 12" twisted proferance: includes set up tolerance, line regulation and load regulation. Oe-rating may be needed under low input voltages. Please refer to "STATIC engith of set up time is measured at first cold start. Turning ON/OFF the driver is considered as a component that will be operated in combination of set up time is measured at first cold start. Turning ON/OFF the driver is considered as a component that will be operated in combination of set up time is measured at first cold start. Turning ON/OFF the driver is considered as a component that will be operated in combination of set up time is measured at first cold start. Turning ON/OFF the driver is considered as a component that will be operated in combination of set up time is measured at first cold start. Turning ON/OFF the driver is considered as a component that will be operated in combination of the driver is considered as a component that will be operated in combination of the driver is considered as a component that will be operated in combination of the driver is considered as a component that will be operated in combination of the driver is considered as a component that will be operated in combination of the driver is considered as a component that will be operated in combination of the driver is considered as a component that will be operated in combination of the driver is considered as a component that will be	EAC TP TC 004;BÍS IS15885(for 24/24B/36/36A/42/42A/48/48B/54/54A or KC61347-1,KC61347-2-13 approved LI STANDARDS Compliance to IEC62386-101, 102, 207 for DA-Type only "HSTAND VOLTAGE I/P-O/P:3.75KVAC I/P-FG;2.0KVAC O/P-FG:1.5KVAC LATION RESISTANCE I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH CEMISSION Compliance to EN55015,EN61000-3-2 Class C (@load ≧ 60%); EN61000-3 C IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11; EN61547, light industry level (surge immunity) BF 978.2K hrs min. Telcordia SR-332 (Bellcore) 282.9Khrs min. MIL- BENSION 199*63*35.5mm (L*W*H) CKING 0.85kg; 16pcs/14.2kg/0.72CUFT By larameters NOT specially mentioned are measured at 230VAC input, rated current and 25°C of a color of the c	EAC TP TC 004;BIS IS15885(for 24/24B/36/36A/42/42A/48/48B/54/54A only);GB19510.1, GB19510. KC61347-1,KC61347-2-13 approved Compliance to IEC62386-101, 102, 207 for DA-Type only HSTAND VOLTAGE I/P-O/P:3.75KVAC I/P-FG;2.0KVAC O/P-FG:1.5KVAC LATION RESISTANCE I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH CEMISSION Compliance to EN55015,EN61000-3-2 Class C (@load ≥ 60%); EN61000-3-3;GB17743, GB17625.1;EAC CIMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11; EN61547, light industry level (surge immunity Line-Earth 6KV, Line-Line 4KV); BF 978.2K hrs min. Telcordia SR-332 (Bellcore) 282.9Khrs min. MIL-HDBK-217F (25°C) IENSION 199*63*35.5mm (L*W*H) CKING 0.85kg; 16pcs/14.2kg/0.72CUFT III parameters NOT specially mentioned are measured at 230VAC input, rated current and 25°C of ambient temperature. Please refer to "DRIVING METHODS OF LED MODULE". For DA-Type, Constant Current region is 60%~100% of maximum inder rated power delivery. Ilipple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitolerance: includes set up tolerance, line regulation and load regulation. De-rating may be needed under low input voltages. Please refer to "STATIC CHARACTERISTIC" sections for details. ength of set up time is measured at first cold start. Turning ON/OFF the driver may lead to increase of the set up time. The driver is considered as a component that will be operated in combination with final equipment. Since EMC performance womplete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. This series meets the typical life expectancy of >50,000 hours of operation when Tcase, particularly (©) point (or TMP, per DL Please refer to the warranty statement on MEAN WELL's website at http://www.meanwell.com					

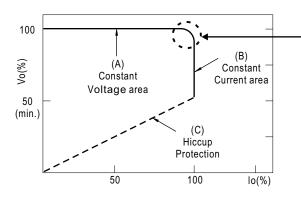
■ Block Diagram

PFC fosc: 50~120KHz PWM fosc: 60~130KHz



■ DRIVING METHODS OF LED MODULE

X This series is able to work in either Constant Current mode (a direct drive way) or Constant Voltage mode (usually through additional DC/DC driver) to drive the LEDs.



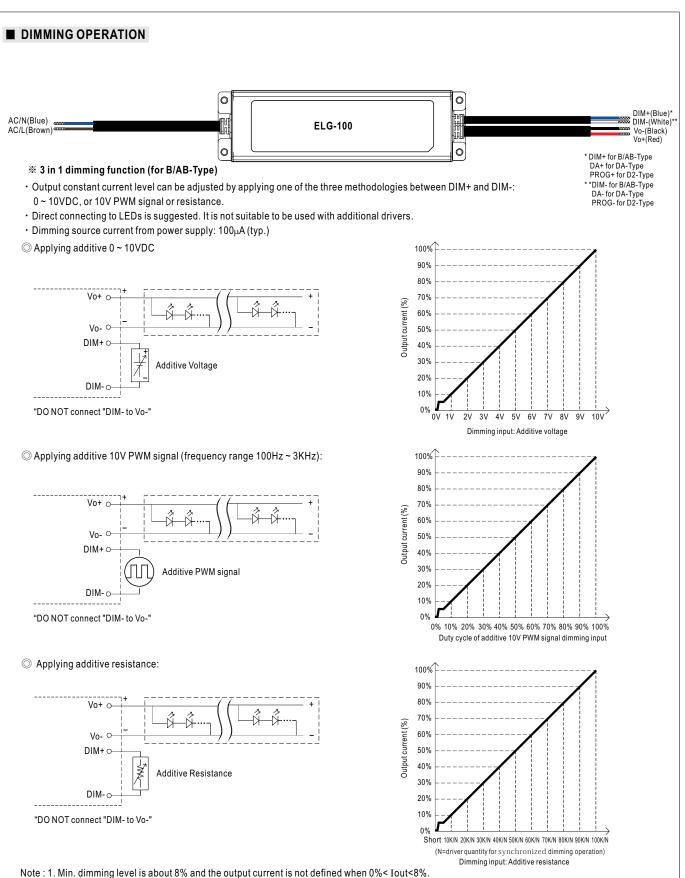
Typical output current normalized by rated current (%)

In the constant current region, the highest voltage at the output of the driver depends on the configuration of the end systems.

Should there be any compatibility issues, please contact MEAN WELL.

© This characteristic applies to Blank/A/B/AB/DX/D2-Type, For DA-Type, the Constant Current area is 60%∼100% Vo.





2. The output current could drop down to 0% when dimming input is about 0k Ω or 0Vdc, or 10V PWM signal with 0% duty cycle.



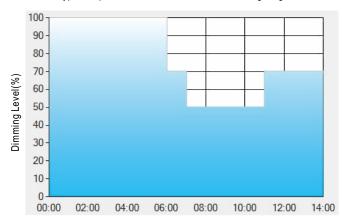
* DALI Interface (primary side; for DA-Type)

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

X 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: OD01-Type: the profile recommended for residential lighting



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

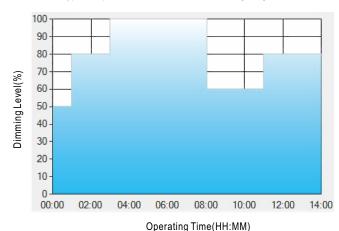
	T1	T2	Т3	T4
TIME**	06:00	07:00	11:00	
LEVEL**	100%	70%	50%	70%

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.

Ex: O D02-Type: the profile recommended for street lighting



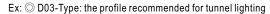
Set up for D02-Type in Smart timer dimming software program:

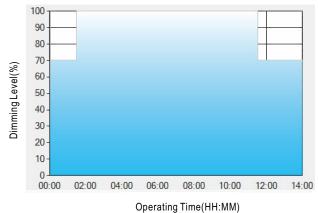
	T1	T2	Т3	T4	T5
TIME**	01:00	03:00	8:00	11:00	
LEVEL**	50%	80%	100%	60%	80%

**: 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.







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

	T1	T2	Т3
TIME**	01:30	11:00	
LEVEL**	70%	100%	70%

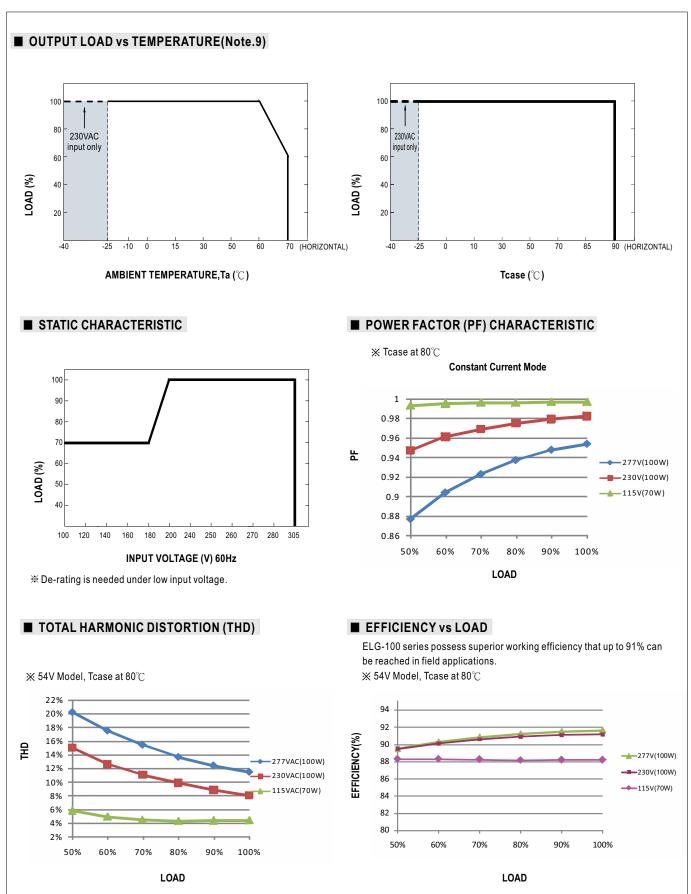
**: TIME matches Operating Time in the diagram whereas LEVEL matches Dimming Level.

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

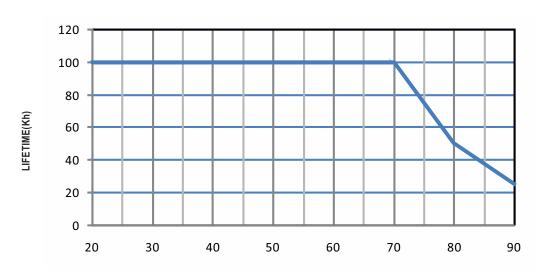
- [1] The power supply will switch to the constant current level at 70% starting from 4:30pm.
- [2] The power supply will switch to the constant current level at 100% in turn, starting from 6:00pm, which is 01:30 after the power supply turns on.
- [3] The power supply will switch to the constant current level at 70% in turn, starting from 5:00 am, 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.

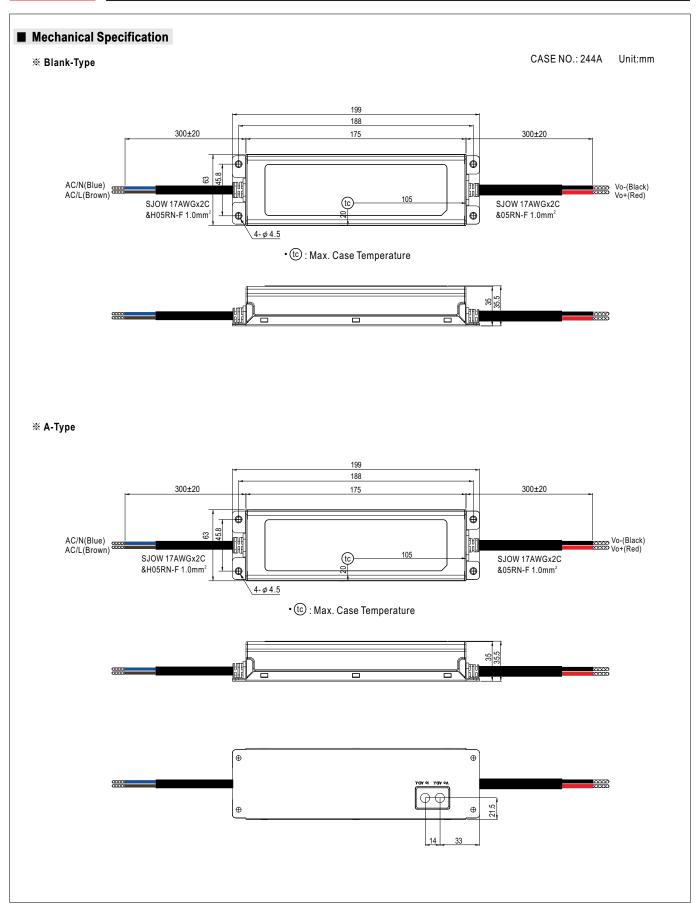


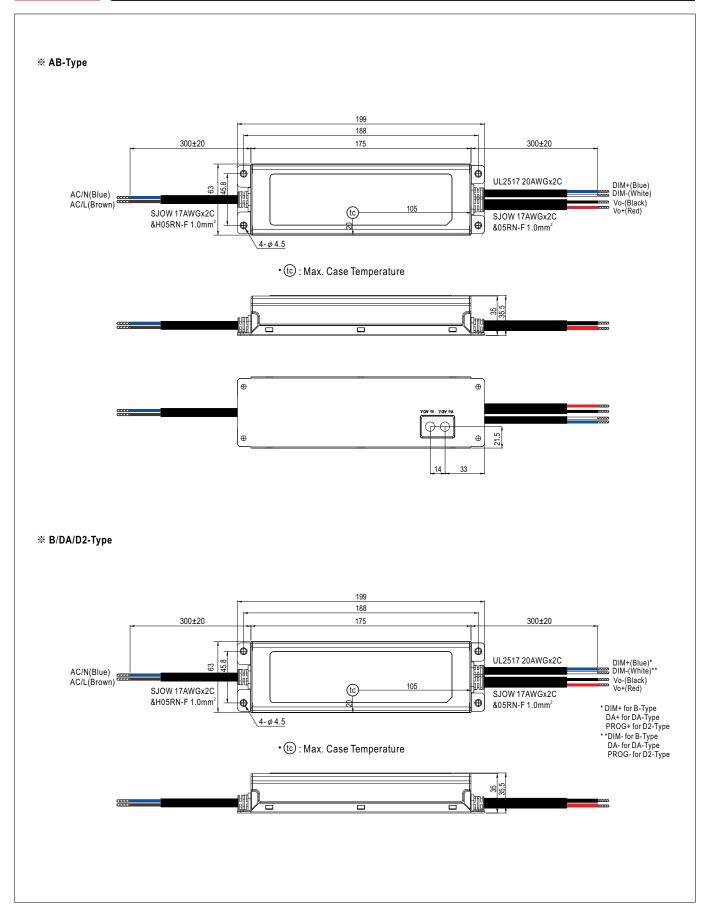


■ LIFE TIME

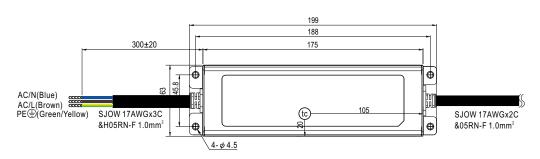








X 3Y Model (3-wire input)



• (tc): Max. Case Temperature

- O Note1: Please connect the case to PE for the complete EMC deliverance and safety use.
- $\ \, \bigcirc$ Note2: Please contact MEAN WELL for input wiring option with PE.

■ INSTALLATION MANUAL

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