

## Intelligent LED Driver (Constant Current)

- Housing made from SAMSUNG/COVESTRO's V0 flame retardant
- Ultra small, thin and lightweight, screwless end cap.
- $\bullet\,$  Change the output current, dimming mode and other parameters via
- Adjustable output current with 1mA step.
- Automatically recognize 0-10V and 1-10V input signal.
- Ultra-low consumption of 0-10V ports < 0.05mA.
- Soft-on and fade-in dimming function enhances your visual comfort.
- T-PWMTM super deep dimming technology, 0.01% dimming depth.
- The whole dimming process is flicker-free with high frequency
- Comply with the EU's ErP Directive, networked standby<0.5W.
- $\bullet\,$  When there is no load, the output will be 0V to prevent damage to LEDs due to poor contact.
- $\bullet\,$  Overheat, over voltage, overload, short circuit protection and
- Suitable for Class I / II / III indoor light fixtures.
- Normal service life can reach 100,000 hours.
- 5-year warranty (Rubycon capacitor).

4 in 1 dimming 0-10V 1-10V 10V PWM





Flicker Free IEEE 1789

Dimmable: 10000:1













## **Technical Specs**

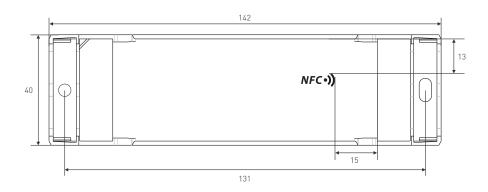
exemption level.

Model		SE-40-3	800-1050-W1A	SE-30-200-800-W1A					
	Output Type	Constant current							
	Dimming Interface	0-10V (1-10V, 10V PWM, RX)							
Features	Output Feature								
. oatai oo	Protection Grade	Isolation IP20							
	Insulation Grade								
	Output Voltage	Class II (Suitable for class I/ II /III light fixtures) 9-42Vdc							
	Maximum output voltage	₹55Vdc							
OUTPUT									
	Output Current Range Output Power Range	300-1050mA 200-800mA 2.7W-40W 1.8W-30W							
		2.7W-40W   1.8W-30W   0~100%, down to 0.01%							
	Dimming Range								
	LF Current Ripple Current Accuracy		ximum current for non o	dimning state)					
		±5% ≤3600Hz							
	PWM Frequency	≼3600Hz							
	DC Voltage Range	120-250							
	AC Voltage Range	100-240Vac							
	EoFi	100%							
	Input Voltage	115Vac/230Vac							
	Frequency	50/60Hz							
	Input Current								
INPUT	Power Factor THD	PF>0.95/115Vac (at full load), PF>0.9C/230Vac (at full load)							
INPUI	Efficiency (Typ.)	THD≤10%/230Vac, at full load							
	, ,,	88% 87%							
	Inrush Current	Cold start 25A(Test twidth=130us tested under 50%   peak)/230Vac							
	Anti Surge	L-N: 2KV							
	Leakage Current	Max. 0.5mA							
	Working Temperature	ta: -20 ~ 45°C tc: 90°C							
	Working Humidity	20 ~ 95%RH, non-condensing							
NVIRONMENT	Storage Temperature/Humidity	-40 ~ 80°C/10~95%RH							
	Temperature Coefficient	±0.03%/°C(0-50°C)							
		10~500Hz, 2G 12min/1cycle, 72 min for X, Y and Z axes respectively							
	Vibration								
	Overload Protection	Automa	tically protect the device	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced					
PROTECTION	Overload Protection Overheat Protection	Automa Intellige	tically protect the device ntly adjust or turn off the	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced e current output if the PCB temperature >110°C. When the PCB temperature <90°C, automatically recover normal out					
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PROTECTION	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection Withstand Voltage	Automa Intellige Automa Enter hi	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circu 2: 3750Vac	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced e current output if the PCB temperature >110°C. When the PCB temperature <90°C, automatically recover normal out e when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically					
PROTECTION	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection	Automa Intellige Automa Enter hi I/P-0/F	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circu 2: 3750Vac 2: 100ΜΩ/500VDC/25°C	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced e current output if the PCB temperature >110°C. When the PCB temperature <90°C, automatically recover normal out e when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically C/70%RH					
PROTECTION	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection Withstand Voltage	Automa Intellige Automa Enter hi I/P-0/F I/P-0/F	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circu 2: 3750Vac 2: 100MΩ/500VDC/25°C China	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced a current output if the PCB temperature >110°C. When the PCB temperature <90°C, automatically recover normal out e when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically  C/70%RH  GB19510.1, GB19510.14					
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SAFETY &	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection Withstand Voltage Insulation Resistance Safety Standards	Automa Intellige Automa Enter hi I/P-O/F I/P-O/F CCC TUV CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC EAC	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circu 2: 3750Vac 2: 100M0/500VDC/25°C China Germany CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced current output if the PCB temperature >110°C. When the PCB temperature <90°C, automatically recover normal oute when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically  C/70%RH  GB19510.1, GB19510.14  EN61347-1, EN61347-2-13, EN62493  IEC61347-1, IEC61347-2-13  EN61347-1, IEC61347-2-13  EN61347-1, EN61347-2-13  IEC61347-1, IEC61347-2-13  AS 61347-1, IEC61347-2-13  AS 61347-1, AS 61347-2-13  EN61347-1, EN61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, BS EN 62493  IS 15885 [PART 2/SEC 13]  CSA C22.2 NO.250.13  UL 8750  GB/T17743, GB17625.1  EN55015, EN61000-3-2, EN61000-3-3, EN61547  KSC 9815, KSC 9547  IEC62493, IEC61547, EH55015					
SAFETY &	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection Withstand Voltage Insulation Resistance Safety Standards	Automa Intellige Automa Enter hi I/P-O/F I/P-O/F CCC TUV CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC EAC RCM CRCM CRCM CRCM CRCM CRCM CRCM CRC	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circu 2: 3750Vac 2: 100MΩ/500VDC/25°C China Germany CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced e current output if the PCB temperature >110°C. When the PCB temperature <90°C, automatically recover normal ou e when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically  C/70%RH  GB19510.1, GB19510.14  EN61347-1, EN61347-2-13, EN62493  IEC61347-1, IEC61347-2-13, EN62493  IEC61347-1, IEC61347-2-13  EN61347-1, EC61347-2-13  IEC61347-1, IEC61347-2-13  AS 61347-1, AS 61347-2-13  EN61347-1, EN61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, BS EN 62493  IS 15885 [PART 2/SEC 13]  CSA C22.2 NO.250.13  UL 8750  GB/T17743, GB17625.1  EN55015, EN61000-3-2, EN61000-3-3, EN61547  KSC 9815, KSC 9547  IEC62493, IEC61547, EH55015  EN55015, EN61000-3-2, EN61000-3-2, BS EN 61000-3-3, BS EN 61547  ICES-005					
SAFETY &	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection Withstand Voltage Insulation Resistance  Safety Standards	Automa Intellige Automa Enter hi I/P-O/F I/P-O/F CCC TUV CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC EAC RCM UL CCC CE KC CAC CCC CCC CCC CCC CCC CCC CCC CCC	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circu 2: 3750Vac 2: 100MΩ/500VDC/25°C China Germany CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain Europe Branda America China European Union Korea America China European Union Korea Russia	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced a current output if the PCB temperature >110°C. When the PCB temperature <90°C, automatically recover normal oute when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically  C/70%RH  GB19510.1, GB19510.14  EN61347-1, EN61347-2-13, EN62493  IEC61347-1, IEC61347-2-13  EN61347-1, IEC61347-2-13  EN61347-1, IEC61347-2-13  IEC61347-1, IEC61347-2-13  IEC61347-1, IEC61347-2-13  AS 61347-1, AS 61347-2-13  EN61347-1, EN61347-2-13  EN61347-1, EN61347-2-13  EN61347-1, BS EN 61347-2-13  EN61347-1, BS EN 61347-2-13, EN62384  BS EN 61347-1, BS GPART Z/SEC 13)  CSA C22.2 NO.250.13  UL 8750  GB/T17743, GB17625.1  EN55015, EN61000-3-2, EN61000-3-3, EN61547  KSC 9815, KSC 9547  IEC62493, IEC61547, EH55015  EN55015, EN61000-3-2, EN61000-3-2, BS EN 61000-3-3, BS EN 61547					
SAFETY &	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection Withstand Voltage Insulation Resistance Safety Standards	Automa Intellige Automa Enter hi I/P-O/F I/P-O/F CCC TUV CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC CAC CCC CC CCC CCC CCC CCC CCC CCC C	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circu 2: 3750Vac 2: 100M0/500VDC/25°C China Germany CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced current output if the PCB temperature >110°C. When the PCB temperature <90°C, automatically recover normal oute when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically  C/70%RH  GB19510.1, GB19510.14  EN61347-1, EN61347-2-13, EN62493  IEC61347-1, IEC61347-2-13  EN61347-1, IEC61347-2-13  EN61347-1, IEC61347-2-13  IEC61347-1, IEC61347-2-13  AS 61347-1, IEC61347-2-13  EN61347-1, EN61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, BS EN 62493  IS 15885 [PART 2/SEC 13]  CSA C22.2 NO.250.13  UL 8750  GB/T17743, GB17625.1  EN55015, EN61000-3-2, EN61000-3-3, EN61547  KSC 9815, KSC 9547  IEC62493, IEC61547, EH55015  EN55015, EN61000-3-2, EN61000-3-2, BS EN 61000-3-3, BS EN 61547  ICES-005  FCC PART 15B					
SAFETY &	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection Withstand Voltage Insulation Resistance  Safety Standards  EMC Emission	Automa Intellige Automa Enter hi I/P-O/F I/P-O/F CCC TUV CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC CAC CUL UL CCC CE CC	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circup: 3750Vac 2: 3750Vac 2: 100M0/500VDC/25°C China Germany CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain India Canada America China European Union Korea Russia Australia	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced current output if the PCB temperature >110°C. When the PCB temperature <90°C, automatically recover normal oute when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically  C/70%RH  GB19510.1, GB19510.14  EN61347-1, EN61347-2-13, EN62493  IEC61347-1, IEC61347-2-13  EN61347-1, IEC61347-2-13  EN61347-1, IEC61347-2-13  IEC61347-1, IEC61347-2-13  AS 61347-1, IEC61347-2-13  EN61347-1, EN61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-3, EN61347  IS 15885 [PART 2/SEC 13]  CSA C22.2 NO.250.13  UL 8750  GB/T17743, GB17625.1  EN55015, EN61000-3-2, EN61000-3-3, EN61547  BS EN 1EC 65015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547  ICES-005  FCC PART 15B					
SAFETY &	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection Withstand Voltage Insulation Resistance  Safety Standards	Automa Intellige Automa Enter hi I/P-0/F I/P-0/F CCC TUV CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC EAC RCM UL CCC CE KC EAC RCM UL CCC CO	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circu 2: 3750Vac 2: 100M0/500VDC/25°C China Germany CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia European Union Canada America China European Union Korea Russia	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced current output if the PCB temperature ≥110°C. When the PCB temperature <90°C, automatically recover normal ou e when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically  C/70%RH  GB19510.1, GB19510.14  EN61347-1, EN61347-2-13, EN62493  IEC61347-1, IEC61347-2-13  EN61347-1, EN61347-2-13  EN61347-1, KC61347-2-13  IEC61347-1, IEC61347-2-13  AS 61347-1, AS 61347-2-13  EN61347-1, AS 61347-2-13  EN61347-1, EN61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, BS EN 62493  IS 15885 [PART 2/SEC 13]  CSA C22.2 NO.250.13  UL 8750  GB/T17743, GB17625.1  EN55015, EN61000-3-2, EN61000-3-3, EN61547  KSC 9815, KSC 9547  IEC62493, IEC61547, EH55015  EN55015, EN61000-3-2, EN61000-3-2, BS EN 61547  BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547  ICES-005  FCC PART 15B					
SAFETY &	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection Withstand Voltage Insulation Resistance  Safety Standards  EMC Emission  EMC Immunity Power Consumption	Automa Intellige Automa Enter hi I/P-0/F I/P-0/F CCC TUV CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC EAC RCM UL CCC CE KC EAC RCM UL CCC CO	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circu 2: 3750Vac 2: 100M0/500VDC/25°C China Germany CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia European Union Korea Russia Australia European Union Korea Russia	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced current output if the PCB temperature ≥110°C. When the PCB temperature <90°C, automatically recover normal ou e when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically  C/70%RH  GB19510.1, GB19510.14  EN61347-1, EN61347-2-13, EN62493  IEC61347-1, IEC61347-2-13, EN62384  KC61347-1, IEC61347-2-13  EN61347-1, IEC61347-2-13  AS 61347-1, IEC61347-2-13  AS 61347-1, IEC61347-2-13  EN61347-1, EN61347-2-13, EN62384  BS EN 61347-1, EN61347-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, BS EN 62493  IS 15885 [PART 2/SEC 13]  CSA C22.2 NO.250.13  UL 8750  GB/T17743, GB17625.1  EN55015, EN61000-3-2, EN61000-3-3, EN61547  KSC 9815, KSC 9547  IEC62493, IEC61547, EH55015  EN55015, EN61000-3-2, EN61000-3-2, BS EN 61000-3-3, BS EN 61547  ICES-005  FCC PART 15B  I61547  <					
SAFETY & EMC	Overload Protection Overheat Protection Overvoltage Protection Short Circuit Protection Withstand Voltage Insulation Resistance  Safety Standards  EMC Emission	Automa Intellige Automa Enter hi I/P-0/F I/P-0/F CCC TUV CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC EAC RCM UL CCC INTELLIGIT STATE CUL UL CCC INTELLIGIT STATE CUL UL U	tically protect the device ntly adjust or turn off the tically protect the device ccup mode if short circu 2: 3750Vac 2: 100M0/500VDC/25°C China Germany CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia European Union Korea Russia Australia European Union Korea Russia Australia Britain Canada America China European Union Korea Russia Australia Britain Canada America O-4-2,3,4,5,6,8,11, EN ked standby I power consumption	e when the load exceeds 102% of the rated power. 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Automatically recover once load is reduced a current output if the PCB temperature &gt;110°C. When the PCB temperature &lt;90°C, automatically recover normal out when voltage exceeds the no-load voltage. It can be recovered automatically uit occurs, and recover automatically  C/70%RH  GB19510.1, GB19510.14  EN61347-1, EN61347-2-13, EN62493  IEC61347-1, IEC61347-2-13  EN61347-1, IEC61347-2-13  EN61347-1, IEC61347-2-13  IEC61347-1, IEC61347-2-13  IEC61347-1, IEC61347-2-13  IEC61347-1, IEC61347-2-13  EN61347-1, EN61347-2-13, EN62384  BS EN 61347-1, EN61347-2-13, EN62384  BS EN 61347-1, EN61347-2-13, EN62384  BS EN 61347-1, EN61367-2-13, EN62384  BS EN 61347-1, BS EN 61347-2-13, BS EN 62493  IS 15885 (PART 2/SEC 13)  CSA C22.2 NO.250.13  UL 8750  GB/T17743, GB17625.1  EN55015, EN61000-3-2, EN61000-3-3, EN61547  KSC 9815, KSC 9847  IEC62493, IEC61547, EH55015  EN55015, EN61000-3-2, EN61000-3-2, BS EN 61000-3-3, BS EN 61547  ICES-005  FCC PART 15B  61547  &lt;a href=" https:="" limits="" scc="">colorable/</a> When the lamp is not connected)  Meet IEEE 1789 standard/High frequency exemption level					

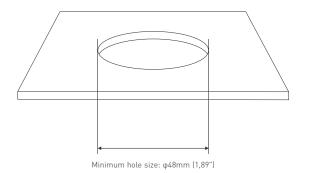


## **Product Size**

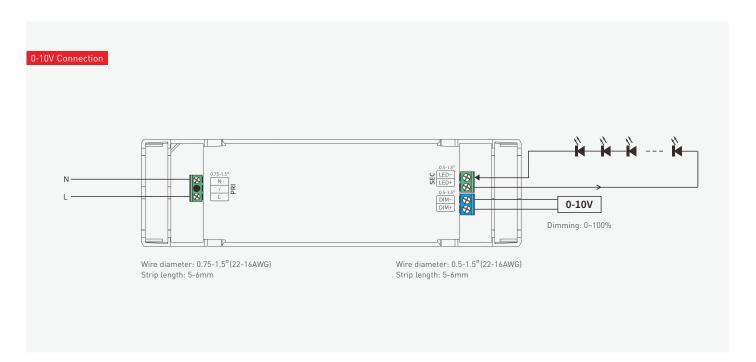
Unit: mm







# Wiring Diagram





## Table of Typical Corresponding Parameters for Current

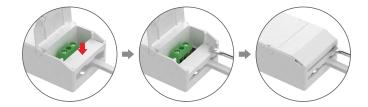
The typical 16 current dat	ta sets below are fo	or reference when	selecting LED fixtu	ıre models. More o	urrent levels can b	e set by NFC using	g mobile APP with	300-1050mA adjus	table in 1mA step
	Output Current	300mA	350mA	400mA	450mA	500mA	550mA	600mA	650mA
	Output Voltage	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc
	Output Power	2.7-12.6W	3.15-14.7W	3.6-16.8W	4.05-18.9W	4.5-21W	4.95-23.1W	5.4-25.2W	5.85-27.3W
SE-40-300-1050-W1A									
	Output Current	700mA	750mA	800mA	850mA	900mA	950mA	1000mA	1050mA
	Output Voltage	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-40Vdc	9-38Vdc
	Output Power	6.3-29.4W	6.75-31.5W	7.2-33.6W	7.65-35.7W	8.1-37.8W	8.54-39.9W	9-40W	9.45-40W

The typical 13 current da	ata sets below are f	or reference when	selecting LED fixt	ure models. More	current levels can	be set by NFC usin	g mobile APP with	200-800mA adjust	table in 1mA step
	Output Current	200mA	250mA	300mA	350mA	400mA	450mA	500mA	550mA
	Output Voltage	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc
	Output Power	1.8-8.4W	2.25-10.5W	2.7-12.6W	3.15-14.7W	3.6-16.8W	4.05-18.9W	4.5-21W	4.95-23.1W
SE-30-200-800-W1A									
	Output Current	600mA	650mA	700mA	750mA	800mA	/	/	/
	Output Voltage	9-42Vdc	9-42Vdc	9-42Vdc	9-40Vdc	9-37.5Vdc	/	/	/
	Output Power	5.4-25.2W	5.85-27.3W	6.3-29.4W	6.75-30W	7.2-30W	/	/	/

## Application Diagram of Protective Cover

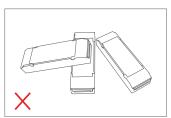


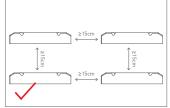
1. Put the head of a screwdriver on the side of the housing to pry up both the protective cover and wire fixing board. Then remove the wire fixing board and connect to the wires as wiring diagram shows.



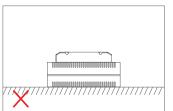
2. Install the wire fixing board and press it down. Then snap on the protective cover while pressing the wire fixing board with a small flat-head screwdriver

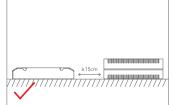
### **Installation Precautions**





Please do not stack the products. The distance between two products should be  $\geqslant$ 15cm so as not to affect heat dissipation or the lifetime of the products.





Please not place the products on power supplies. The distance between the product and the power supplies should be  $\geqslant$ 15cm so as not to affect heat dissipation or shorten the lifetime of the products.

Note: The temperature within the installation area should be within the working temperature range of the products. Please do not install products inside LED fixtures to avoid temperature exceeding the working temperature that may affect the product lifetime.



## Use the NFC Lighting APP

Scan the QR code below with your mobile phone and follow the prompts to complete the APP installation (According to performance requirements, you need to use a NFC-capable Android phone, or an iphone 8 and later that are compatible with iOS 13 or higher).



 $\textcolor{red}{\bigstar} \hspace{0.1cm} \textbf{ Before you begin setting the parameters of the driver, please make sure } \hspace{0.1cm} \textbf{the driver is powered off.}$ 

#### Read/Write the LED driver

Use your NFC-capable phone to read LED driver data, then edit the parameters and they can be directly written to the driver.

### 1. Read the LED driver

On the APP home page, click [Read/Write LED driver], then keep the programmer's sensing area close to the NFC logo of the driver to read the driver parameters.



#### 2. Edit the parameters

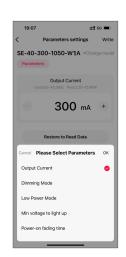
 $\textbf{Click [Parameter settings]} \ \ to \ edit \ the \ advanced \ parameters, \ like \ output \ current, \ dimming \ mode, \ low \ power \ mode, \ etc.$ 

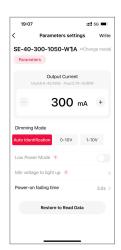
#### 3. Write to the driver

After completing the parameter settings, click [Write] in the upper right corner, and keep the programmer's sensing area close to the NFC logo of the driver, so the parameters can be written to the driver.



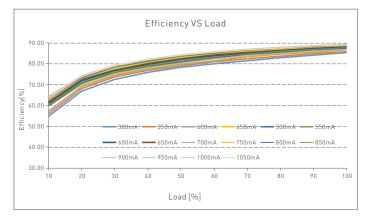


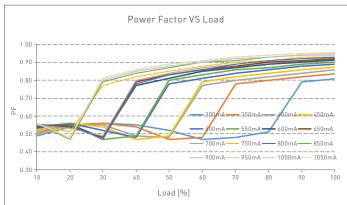


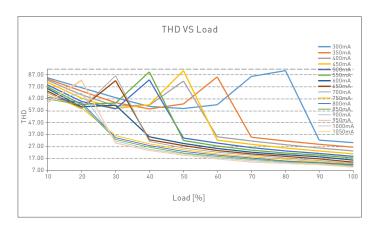


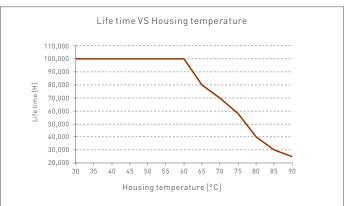


## Relationship Diagrams

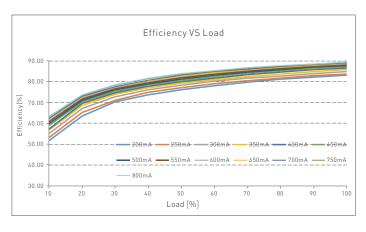


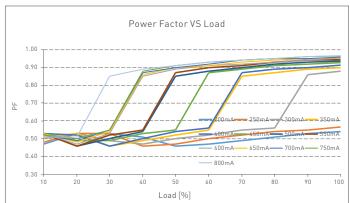


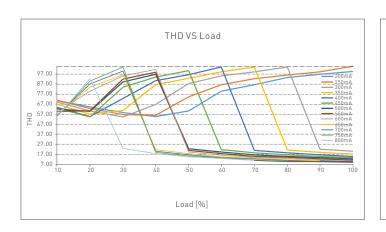


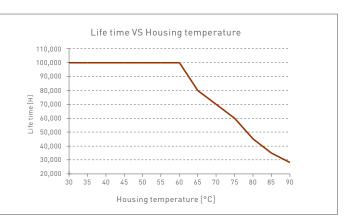


SE-40-300-1050-W1A





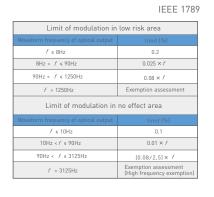


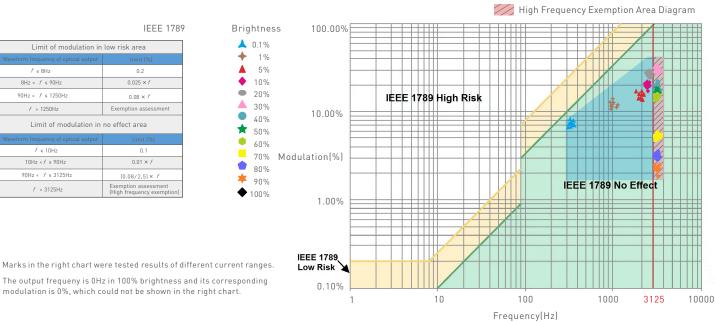


Modulation Area Diagram



### Flicker Test Sheet





The output frequeny is 0Hz in 100% brightness and its corresponding modulation is 0%, which could not be shown in the right chart.

# **Packaging Specifications**

Model	SE-40-300-1050-W1A	SE-30-200-800-W1A
Carton Dimensions	320×275×106mm(L×W×H)	320×275×106mm(L×W×H)
Quantity	20 PCS/Layer; 2 Layers/Carton; 40 PCS/Carton	20 PCS/Layer; 2 Layers/Carton; 40 PCS/Carton
Weight	0.17 kg/PC; 7.6 kg±5%/Carton	0.15 kg/PC; 6.8 kg±5%/Carton

## Packaging Image





Inner Packaging Box

Carton Packaging



## Transportation and Storage

1. Transportation

Products can be shipped via vehicles, boats and planes.

During transportation, products should be protected from rain and sun. Please avoid severe shock and vibration during the loading and unloading process.

2. Storage

The storage conditions should comply with the Class I Environmental Standards. The products that have been stored for more than six months are recommended to be re-inspected and can be used only after they have been qualified.

#### **Attentions**

- Products shall be installed by qualified professionals.
- LTECH products are and not lightningproof non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices.
- Good heat dissipation will prolong the working life of products. Please ensure good ventilation.
- Please check if the working voltage used complies with the parameter requirements of products
- The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.
- Before you power on products, please make sure all the wiring is correct in case of incorrect connection that causes damage to light fixtures.
- If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.
- \* This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question

## Warranty Agreement

- $\bullet \quad \text{Warranty periods from the date of delivery: 5 years.}$
- $\bullet \quad \text{Free repair or replacement services for quality problems are provided within warranty periods}.$

Warranty exclusions below:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.
- 1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
- 2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.



# **Update Log**

Version	Updated Time	Update Content	Updated by
Α0	2023.02.23	Original version	Liu Weili