

### Intelligent LED Driver (Constant Current)

- Housing made from SAMSUNG/COVESTRO's V0 flame retardant PC
- Ultra small, thin and lightweight, screwless end cap.
- Change the output current, DALI address and other parameters via the APP.
- Set the DALI group and scene in the advanced DALI template via the APP.
- Adjustable output current with 1mA step.
- Soft-on and fade-in dimming function enhances your visual comfort.
- T-PWM™ super deep dimming technology, 0.01% dimming depth.
- The whole dimming process is flicker-free with high frequency exemption level.
- . Comply with the EU's ErP Directive, networked standby<0.5W.
- When there is no load, the output will be 0V to prevent damage to LEDs due to poor contact.
- Overheat, over voltage, overload, short circuit protection and automatic recovery.
- Suitable for Class I / II / III indoor light fixtures.
- Normal service life can reach 100,000 hours.
- 5-year warranty (Rubycon capacitor).









10000:1













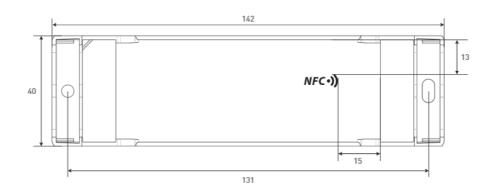
# Technical Specs

Model		SE-40-3	800-1050-W1D		SE-30-200-800-W1D				
	Output Type	Constant current							
	Dimming Interface	DALI-2 DT6							
Features	Output Feature	Isolation							
	Protection Grade	IP20							
	Insulation Grade	Class II (Suitable for class I/ II /III light fixtures)							
	Output Voltage	9-42Vdc							
	Maximum output voltage	<55Vdc							
	Output Current Range	300-105	0mA		200-800mA				
OUTPUT	Output Power Range	2.7W-40	W		1.8W-30W				
	Dimming Range	0~100%	, down to 0.01%						
	LF Current Ripple	<3%[Ma	ximum current for non o	limming state)					
	Current Accuracy	±5%							
	PWM Frequency	≼3600Hz							
	DC Voltage Range	120-250Vdc							
	AC Voltage Range	100-240Vac							
	EoF;	100%							
	Input Voltage	115Vac/230Vac							
	Frequency	50/60Hz							
	Input Current	<0.45A/115Vac, <0.22A/230Vac <0.34A/115Vac, <0.17A/230Vac							
	Power Factor			PF>0.9C/230Vac (at full load)					
INPUT	THD		%/230Vac, at full load						
	Efficiency (Typ.)	88%			87%				
	Inrush Current	Cold sta	art 25A(Test twidth=130u	ıs tested under 50% Ipeak)/230Vac					
	Anti Surge	L-N: 2KV							
	Leakage Current	Max. 0.5mA							
ENVIRONMENT	Working Temperature	ta: -20 ·	- 45°C tc: 90°C						
	Working Humidity	20 ~ 95%RH, non-condensing							
	Storage Temperature/Humidity	-40 ~ 80°C/10-95%RH							
	Temperature Coefficient	±0.03%,	/°C(0-50°C)						
	Vibration	10–500Hz, 2G 12min/1cycle, 72 min for X, Y and Z axes respectively							
	Overload Protection	Automatically protect the device when the load exceeds 102% of the rated power. Automatically recover once load is reduced							
PROTECTION	Overheat Protection	Intelligently adjust or turn off the current output if the PCB temperature >110°C. When the PCB temperature <90°C, automatically recover normal output							
	Overvoltage Protection	Automatically protect the device when voltage exceeds the no-load voltage. It can be recovered automatically							
	Short Circuit Protection	Enter hiccup mode if short circuit occurs, and recover automatically							
	Withstand Voltage	I/P-0/P: 3750Vac							
	Insulation Resistance	I/P-0/P: 100MΩ/500VDC/25°C/70%RH							
		CCC	China	GB19510.1, GB19510.14					
		TUV	Germany	EN61347-1, EN61347-2-13, EN62493					
		СВ	CB Member States	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13					
		CB CE		EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384					
	Safety Standards	СВ	CB Member States	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13					
	Safety Standards	CB CE	CB Member States European Union Korea Russia	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384					
	Safety Standards	CB CE KC	CB Member States European Union Korea	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13					
	Safety Standards	CB CE KC EAC	CB Member States European Union Korea Russia	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 EN61347-1, EN61347-2-13, EN62384					
SAFETY	Safety Standards	CB CE KC EAC RCM	CB Member States European Union Korea Russia Australia	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13	62493				
&	Safety Standards	CB CE KC EAC RCM ENEC	CB Member States European Union Korea Russia Australia Europe	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 EN61347-1, EN61347-2-13, EN62384	62493				
	Safety Standards	CB CE KC EAC RCM ENEC UKCA BIS CUL	CB Member States European Union Korea Russia Australia Europe Britain India Canada	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 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, BS EN IS 15885 [PART 2/SEC 13] CSA C22.2 NO.250.13	62493				
&	Safety Standards	CB CE KC EAC RCM ENEC UKCA BIS CUL UL	CB Member States European Union Korea Russia Australia Europe Britain India Canada America	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 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, BS EN IS 15885 [PART 2/SEC 13] CSA C22.2 NO.250.13 UL 8750	1 62493				
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&		CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 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, BS EN IS 15885 [PART 2/SEC 13] CSA C22.2 NO.250.13 UL 8750					
&	Safety Standards  EMC Emission	CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 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, BS EN IS 15885 [PART 2/SEC 13] CSA C22.2 NO.250.13 UL 8750 GB/T17743, GB17625.1					
&		CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 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 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, EN					
&		CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 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 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, EN	161547				
&		CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC EAC RCM UKCA	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13, EN62384 KC61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 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 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, EN KSC 9815, KSC 9547 IEC62493, IEC61547, EH55015 EN55015, EN61000-3-2, EN61000-3-3, EN BS EN IEC 55015, BS EN IEC 61000-3-2, B	l61547 l61547				
&		CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC CE KC EAC RCM UKCA CUL	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain Canada	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13, EN62384 KC61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 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 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, EN KSC 9815, KSC 9547 IEC62493, IEC61547, EH55015 EN55015, EN61000-3-2, EN61000-3-2, B BS EN IEC 55015, BS EN IEC 61000-3-2, B ICES-005	l61547 l61547				
&	EMC Emission	CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC EAC KC EAC CUL UL CCC CE KC CUL UL UL CCC CUL UL UL CCC CUL UL UL UL CCC CUL UL U	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain Canada America	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 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 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, EN KSC 9815, KSC 9547 IEC62493, IEC61547, EH55015 EN55015, EN61000-3-2, EN61000-3-2, B S EN IEC 55015, BS EN IEC 61000-3-2, B ICES-005 FCC PART 15B	l61547 l61547				
&		CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC EAC KC EAC CUL UL UL EN6100	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain Canada America China	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 EN61347-1, EN61347-2-13, EN62384 BS EN 61347-1, EN 61347-2-13, EN62384 BS EN 61347-1, BS EN 61347-2-13, BS EN 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, EN KSC 9815, KSC 9547 IEC62493, IEC61547, EH55015 EN55015, EN61000-3-2, EN61000-3-2, B ICES-005 FCC PART 15B	l61547 l61547				
&	EMC Emission	CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC EAC KC EAC CUL UL EN6100 Network	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain Canada America Chira European Union Korea Russia Australia Britain Canada America O-4-2,3,4,5,6,8,11, ENeked standby	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 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 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, EN KSC 9815, KSC 9547 IEC62493, IEC61547, EH55015 EN55015, EN61000-3-2, EN61000-3-2, B ICES-005 FCC PART 15B 61547 <0.5W [After shutdown by command]	l61547 l61547				
& EMC	EMC Emission	CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC EAC KC EAC RCM UKCA OUL UL EN6100 Networl	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain Canada America China European Union Korea Russia Australia Britain Canada America Canada America O-4-2,3,4,5,6,8,11, ENexed standby	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 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, BS EN 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, EN KSC 9815, KSC 9547 IEC62493, IEC61547, EH55015 EN55015, EN61000-3-2, EN61000-3-2, B ICES-005 FCC PART 15B \$1547 <0.5W [After shutdown by command] <0.5W [When the lamp is not connected]	l61547 l61547 S EN 61000-3-3, BS EN 61547				
&	EMC Emission  EMC Immunity  Power Consumption	CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC EAC KC EAC CUL UL EN6100 Network	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain Canada America China European Union Korea Russia Australia Britain Canada America Canada America O-4-2,3,4,5,6,8,11, ENexed standby	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 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 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, EN KSC 9815, KSC 9547 IEC62493, IEC61547, EH55015 EN55015, EN61000-3-2, EN61000-3-2, B ICES-005 FCC PART 15B 61547 <0.5W [After shutdown by command]	l61547 l61547 S EN 61000-3-3, BS EN 61547				
& EMC	EMC Emission	CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC EAC KC EAC RCM UKCA OUL UL EN6100 Networl	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain Canada Anserica China European Union Korea Russia Australia Britain Canada America O-4-2,3,4,5,6,8,11, ENexed standby	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 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, BS EN 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, EN KSC 9815, KSC 9547 IEC62493, IEC61547, EH55015 EN55015, EN61000-3-2, EN61000-3-2, B ICES-005 FCC PART 15B \$1547 <0.5W [After shutdown by command] <0.5W [When the lamp is not connected]	l61547 l61547 S EN 61000-3-3, BS EN 61547				
& EMC	EMC Emission  EMC Immunity  Power Consumption	CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC EAC KC EAC RCM UKCA OUL UL EN6100 Networt No-load	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain Canada Anustralia Britain Canada America China European Union Korea Russia Australia Britain Canada America O-4-2,3,4,5,6,8,11, ENcked standby power consumption	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13 EN61347-1, EN61347-2-13, EN62384 KC61347-1, KC61347-2-13 IEC61347-1, IEC61347-2-13 IEC61347-1, IEC61347-2-13 AS 61347-1, AS 61347-2-13 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 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, EN KSC 9815, KSC 9547 IEC62493, IEC61547, EH55015 EN55015, EN61000-3-2, EN61000-3-2, B ICES-005 FCC PART 15B 61547 <0.5W [After shutdown by command] <0.5W [When the lamp is not connected] Meet IEEE 1789 standard/High frequency ex	l61547 l61547 S EN 61000-3-3, BS EN 61547				
& EMC	EMC Emission  EMC Immunity  Power Consumption  Flicker/Stroboscopic Effect	CB CE KC EAC RCM ENEC UKCA BIS CUL UL CCC EAC KC EAC RCM UKCA INCOLUTION Networl No-load IEEE 17: CIE SVM	CB Member States European Union Korea Russia Australia Europe Britain India Canada America China European Union Korea Russia Australia Britain Canada Anustralia Britain Canada America China European Union Korea Russia Australia Britain Canada America 10-4-2,3,4,5,6,8,11, ENcked standby I power consumption 89	EN61347-1, EN61347-2-13, EN62493 IEC61347-1, IEC61347-2-13, EN62384 KC61347-1, EN61347-2-13, EN62384 KC61347-1, 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 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, EN KSC 9815, KSC 9547 IEC62493, IEC61547, EH55015 EN55015, EN61000-3-2, EN61000-3-2, B ICES-005 FCC PART 15B 61547 <li>&lt;0.5W [After shutdown by command] &lt;0.5W [When the lamp is not connected] Meet IEEE 1789 standard/High frequency of PSt LM&lt;1.0, SVM&lt;0.4</li>	l61547 l61547 S EN 61000-3-3, BS EN 61547				

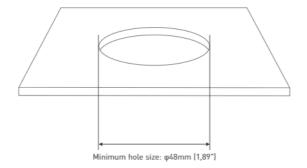


### **Product Size**

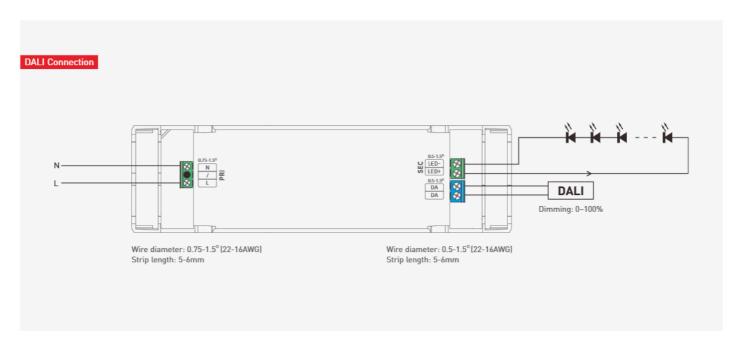
Unit: mm







# Wiring Diagram





SE-40-300-1050-W1D SE-30-200-800-W1D

### Table of Typical Corresponding Parameters for Current

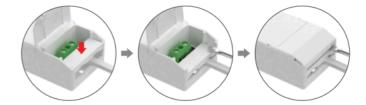
The typical 16 current data sets below are for reference when selecting LED fixture models. More current levels can be set by NFC using mobile APP with 300-1050mA adjustable in 1mA step									
	Output Current	300mA	350mA	400mA	450mA	500mA	550mA	600mA	650mA
	Output Voltage	9-42Vdc	9-42Vdc	9-42Vdc	9-42Vdc	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-W1D									
	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 data sets below are for reference when selecting LED fixture models. More current levels can be set by NFC using mobile APP with 200-800mA adjustable 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-W1D									
	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



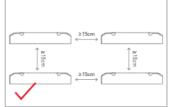
 Put the head of a screwdriver on the side of the housing to pry up both the protective cover and wire fixing board. Then remove the wire fixing board and connect to the wires as wiring diagram shows.



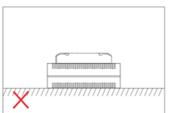
2. Install the wire fixing board and press it down. Then snap on the protective cover while pressing the wire fixing board with a small flat-head screwdriver

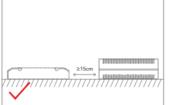
### **Installation Precautions**





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 >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).



 $\begin{picture}(20,20) \put(0,0){$\star$} \end{picture} \begin{picture}(20,20) \put(0,0){$\star$} \end{pi$ 

#### 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 parameter

Click 【Parameter settings】 to edit the advanced parameters, like output current, DALI address, dimming curve, advanced DALI template, 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.









#### **Advanced DALI template**

Integrate the functions of the DALI lighting system, edit the DALI group and lighting effects for scenes, then save them in the advanced template to achieve lighting programming. Setup page (for Read/Write LED driver): Go to App home page — 【③】 icon in the top right — 【DALI template on pnone】.

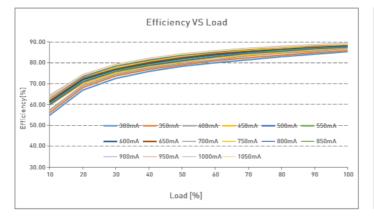


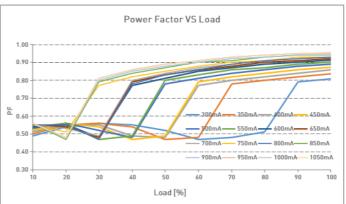


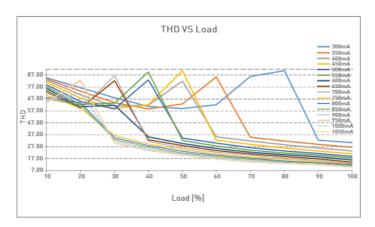


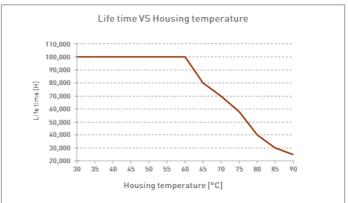


### Relationship Diagrams

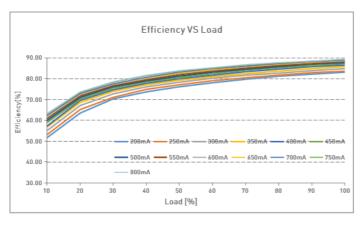


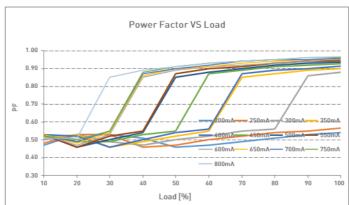


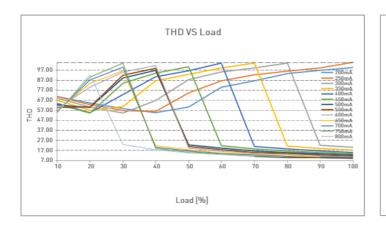


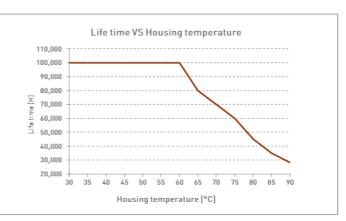


SE-40-300-1050-W1D



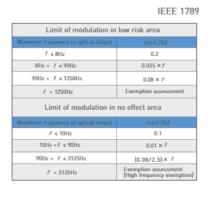


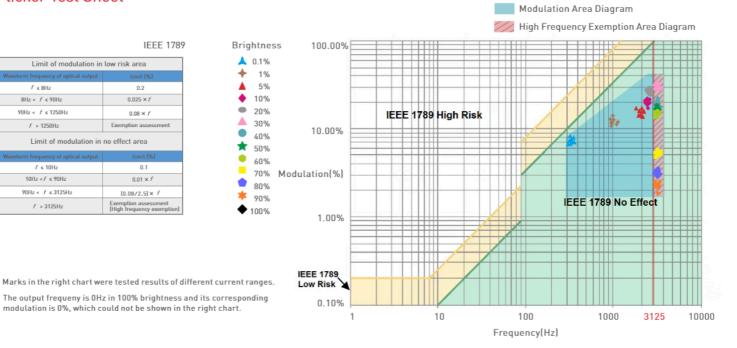






### Flicker Test Sheet





# **Packaging Specifications**

Model	SE-40-300-1050-W1D	SE-30-200-800-W1D
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



SE-40-300-1050-W1D SE-30-200-800-W1D

### 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.

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.
- $\bullet \quad \mathsf{Good} \ \mathsf{heat} \ \mathsf{dissipation} \ \mathsf{will} \ \mathsf{prolong} \ \mathsf{the} \ \mathsf{working} \ \mathsf{life} \ \mathsf{of} \ \mathsf{products}. \ \mathsf{Please} \ \mathsf{ensure} \ \mathsf{good} \ \mathsf{ventilation}.$
- · 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

- Warranty periods from the date of delivery: 5 years.
- 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.
- $2.\,LTECH\ has the\ right\ to\ amend\ or\ adjust\ the\ terms\ of\ this\ warranty, and\ release\ in\ written\ form\ shall\ prevail.$

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

#### FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reason able protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ZHUHAI LTECH TECHNOLOGY CO., LTD



SE-40-300-1050-W1D SE-30-200-800-W1D

# **Update Log**

Version	Updated Time	Update Content	Updated by
Α0	2022.10.09	Original version	Liu Weili
A1	2023.08.01	Remove the description of the NFC programmer	Liu Weili

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