



Intelligent Tunable White LED Driver (Constant Current)

RDM

DIM/CT

IEEE 1789

Dimmable:

- Housing made from SAMSUNG/COVESTRO's V0 flame retardant PC materials
- Ultra small, thin and lightweight, screwless end cap.
- Change the output current, DMX address and other parameters via the APP.
- Adjustable output current with 1mA step.
- Support RDM protocol.
- Soft-on and fade-in dimming function enhances your visual comfort.
- T-PWM™ super deep dimming technol ogy, 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).

Technical Specs

STOCH ST **Flicker Free**



Peatures Output Type Constant current Dimming Interface DMX512/RDM Output Feature Isoliation Protection Grade IIP20 Insulation Grade Class II (Suitable for class I/ II /III light fixtures] Output Voitage 9-42/4dc Maximum output voitage 455/4c Output Current Range 300-1050mA Output Current Range 2.7W-40W Dimming Range 0-100%, down to 0.01% LF Current Ripple 4360M4z Current Kange 300-1050mA Output Verser Range 0-100%, down to 0.01% LF Current Ripple 4360M4z Current Kacuracy 45% PWM Frequency 4360M4z Dio-240Vac EsF: Input Voltage 1120-250Vdc AC Voltage Range 100-240Vac EsF: 100% Input Voltage 115Vac/230Vac Frequency 50/60Hz Input Current c0.45A/115Vac, 40.22A/230Vac Frequency 50/60Hz Input Current c0.45A/115Vac	Model		SE-//0-3	00-1050-W2M			
Protects: Districts: Districts: 000000000000000000000000000000000000	Model	Output Type					
Protection Opdape Feature Notable Notable Control Classel Excited Scale Field Scale Notable Control Classel Excited Scale Scale Notable Control Scale Scale Notable Control <th></th> <th></th> <th colspan="5"></th>							
Protection 0.0de UP2 Output Visiting Arian Class 15 dialyte for class 1/1 UIU (to fourmal) Output Visiting Arian Software Output Visiting Arian Software Output Visiting Arian Software Output Visiting Arian Software Output Carrent Reging Software Provemant Software	Features	-					
Inclume month Class II Update for class II / Jill ight factures] 01FUT Name 390-1 01get Deven Range 390-1 01get Deven Range 2.794 deV 11get Deven Range 2.795 deven I Context Contract 11get Deven Range 2.795 deven I Context Contract 11get Deven Range 2.795 deven I Context Contract 11get Deven Range 1.795 deven Range							
Output Visuage 94-304c OUTPUT 0.00put Visuage 9590c OUTPUT 0.00put Visuage 9590c OUTPUT 0.00put Visuage 9590c OUTPUT 0.00put Visuage 9590c Output Visuage 0.00put Visuage 92.7% 4.00W Demoing Range 0.010put Visuage 930Matamana correst for mail amming statel Current Acouncy 2.5% De Visuage Range 109-200yc EST 100% Input Visuage 109-200yc EST 100% Input Visuage 109-200yc Prover Factor PF-4797115Wc into 10.4572/200yc Prover Factor PF-4797115Wc into 10.00put Visuage Integer Struct Control 10.2332/201-26712 Visuage Targe Struct PF-4797115Wc into 10.00put Visuage Visuage Targe Struct 4.92 - 870°C int 10% Visuaige Targe Struct Control 14.2324 - 250°C int							
Maximum coupout values Maximum coupout Active							
Output Control Objet Control 0 dipid Control 2.794 - 4000 0 mmong Range 0-10000, down to 0.01% 0 control Range 3/3/M-34mm control forming statel 0 control Range 1/3/2/2/2/2/2 0 control Range 1/3/2/2/2/2 0 control Range 1/3/2/2/2/2 0 control Range 1/3/2/2/2 0 control Range 1/3/2/2/2 0 control Range 1/3/2/2 0 control Range 1/3/2/2 0 control Range 1/3/2/2 0 control Range 1/3/2/2 1 finance Control 1/3/2/2 1 control Range 1/3/2 1 control Range 1/3/2 <td></td> <td></td> <td colspan="5"></td>							
DUTY Origin Reven Range 2.94-000 L Current Repair 4.0105, som to 0.115 L Current Repair 4.95% PMM Frequency 4.95% Repair 1.950-2006 A Voltage Range 110-2006 A Voltage Range 110-2006 Input Voltage 1105-2006 PMM Frequency 500/00- PMM Frequency 40.0100- PMM Frequency 40.0100- PMM Frequency							
Burners E-rome: Region C=rome: Region VM Frequency 2.9% Corrent Accuracy 2.9% Corrent Accuracy 2.9% Corrent Accuracy 2.0% DC Voltage Range 100-2000c E-rin 100+ Procession 100-2000c E-rin 100+ Procession 0.0000c Procession 0.0000c Procession 0.0000c Procession 0.0000c Procession 0.00000c Procession 0.000000c Procession 0.000000c Procession 0.00000000c Procession							
	OUTPUT						
PMM Frequency CA3001/2 Revitage framp 100 -260/00- ExF 1000 -260/00- Inpel Voltage 119/00-220/00- ExF 1000 - Inpel Voltage 119/00-220/00- Prover Factor 60.054/01/100-00-00- Inpel Corrent 40.554/119/02-66/220/00- [an full load ThO ThO 1019/02/200/02-41/01.000- ThO ThO 1019/02/200/02-41/01.000- ThO ThO 1019/02/200/02-41/01.000- ThO 1019/02/200/02-41/01.000- Ext - ThO 1019/02/200/02-41/02-05/00- Ext - ThO 1019/02/200/02-41/02-05/00- Ext - ThO 1019/02/200/02-05/0							
DC: Wilage Barger 100 2500/c ExP: 100% Impul Marger 100% Impul Marger 40.500/00% Marser State 40.500/00% Verking Impundum 40.500/00% Marser State 40.500/00% Verking Impundum 40.5000% Verking Impund							
Ad Vestage Range 100-2020/ac EnF 1000-2020/ac Input Multips 1159/ac/2020/ac Input Multips 40.55A/1159/ac, 40.22A/2039/ac Input Carmeni 40.55A/1159/ac, 40.22A/2039/ac Input Carmeni 40.55A/1159/ac, 40.22A/2039/ac Input Carmeni 40.55A/1159/ac, 41.011.004 Terry The Processing Input Carmeni 60.55A/1159/ac Input Carmeni 60.55A/1159/ac Environ Cold start 25A/1East width=130/as tested under 50% lpexk/2200/ac Advising Humidity 20 -5958/Hit Files Temperature Carlow 20 - 59578/Hit Files Temperature Carlow 20 - 59578/Hit Files Temperature Carlow 20 - 59578/Hit Files Vestrain 10-500Hz, 20 12mmi files Visuain 10-500Hz, 20 12mmi files							
End 100% Imput Vallage 1192/0220We Frequency 50/04P2 Imput formed 40.56/1190e. 64.022/20We Prove Factor FPS-8511590e. 16t full load Prove Factor FPS-8512300e. at full load Environ Gurrent 40.56/1190e. 16t full load Marci Gurrent 40.61 data 75812 Marci Gurrent 40.72000e. 17.01 Marci Gur							
Input Molage 115%c/230%c Input Molage 445M119%c; 427A230%c Input Corrent 445M119%c; 4101 load Power Factor PF:0.99119%c 18 full load TH0 Th0:105/230%c; 41 full load Enciney Typ.1 88 Tranta Current Cast data? 25A[Test twidth-130w tested under 50% lpeak]/230%c Ant Surge L:N. 2% Leakage Current Max. 0.5mA Rewing Humidity 20 - 598RH, non-condensing Storge Temperature tite -20 - 42°C to: 90°C Warking Temperature 40 - 80°C/0-59°C Warking Humidity 20 - 598RH, non-condensing Storge Temperature Condensing 200 - 598RH, non-condensing Temperature Condensing 200 - 598RH, non-condensing Overhaad Protection Intelligenty digits of turn of the current output if the PCB temperature and/0°C, automatically recover actomatically forecover actopaut if the PCB temperature and/0°C, automatically recover actopaut if the PCB temperature and/0°C, automatically recover actomatically Withstand Witting UP-0/P-105M0/000PC/272C/705KH Toru Overhaad Protection Intelligenty digits of the recover actomatically Toru Genesa Protection </th <th></th> <td></td> <td colspan="5"></td>							
Frequency Solvabile Input Current 40.84M/11%cc.40.220/20% (a full load) Th0 Th001010/2000 (a full load) Th0 Th001010/2000 (a full load) Th0 Cold slar / 25ATrest truitload Th10 Cold slar / 25ATrest truitload Mark Dig LN : 20 Working Temperature Tar. 20 - 575BH, non- condensing EBVIRONINI Temperature Coefficient 100.2007/CO-5700 Vituration Vituration Temperature Coefficient 100-2004/Cold, 23 Truin/10pk, 72 min for X, Y and 2 area respectively Pert Criticit Automatically protect the device when the load acceeds 100/2007 of 100 within traited power. Automatically recover one load is reduced Operind 2 Protection Automatically protect the device when withing exceeds the so-load voltage. It can be recovered automatically Vituration Resistance I/P-O/P-110M/12000/C12*C/70% RH Safet Y Standards CEC China CEI Site X/Site							
Input Input Current dx4&X115Wacs. 402242203/vac INPUT Prow Factor PP-0.07115Wac fail librals. PP-0.9072203/vac (a full boal) THO THO 105W22301/vac, at full load Enciency (Typ.] 88% Inruis Current Coid start ZSA[Test twidth=130us tested under 50% ipsak]/2204/vc Ant Surge L.N: 20V Exskage Current Max. 0.5 mA Working Temperature tis -20 - 45°C to: 50°C Working Temperature tis -20 - 45°C to: 50°C Temperature Coefficient 4.0.80°C/10-950°CI Temperature Coefficient 4.0.90°C/10-950°CI Yorking Hummidy 20 - 950°CI-050°CI Temperature Coefficient 4.0.80°C/10-950°CI Adomatically protect the device when the load exects 102% of the rated power. Automatically recover once had is reduced Overhaat Protection Intelligenty algus or turn of the current output if the CE0 temperature 11°C °C. When the PCB memory of °C, automatically recover automatically Safety Standards I/C-0/F: 3750°Wac Final Control Protection Extern Control Protection Not Karten CCC Control Protection Exter Control Protection Not Karte							
Impute Pre-rate prior pri							
INPUT THD ThD: C10%/250%, at full lase Efficiency Typ.] Bits Inrush Current Cold start 25AlTest twidth=130us tested under 50% (psakl/230%c) Anti Surge L-N: 2W Inrush Current Not Start 25AlTest twidth=130us tested under 50% (psakl/230%c) Laskage Current Mar. IS-nA Start 25AlTest twidth=130us tested under 50% (psakl/230%c) Working Humidity 2D - 95%RH, non-condensing Inrush Current Temperature Condensing FentretTom Starge Imperature/Numidity -40 - 98°C/10 - 95%RH Temperature Condensing Vortation 10 - 500Hz, 20 17min/1cycla, 27 min for X, Y and Z asserseptively Variat Overhait Protection Overhait Protection Automatically protect the device when the load exceeds 102% of the rated power. Automatically recover none load is reduced Start Circus Direction Futer Neuroper Condensity East Neuroper Condensity Start Circus Direction Futer Neuroper Condensity East Neuroper Condensity Start Circus Direction Futer Neuroper Condensity East Neuroper Condensity Insulation Resistance Intelligently adjust or turn of the current cultoper time devices the no-bade voltage. It can be recover automatically Start Circus Direction							
Efficiency T/p_1 B8% Inrush Current Cold start 25ATest twidth=130us tested under 50% lpsakl/230Vac Ani Surge L-k- 2AV Leakage Current Mar. 0.5mA Working Temperature 1s: 2-0.45°C ts. 90°C Working Temperature 2095%RH non-condensing ENVROMENT Temperature Conflicient 40.035%/CI0.95°C/D Vibration 10.9500Hz, 26 12min/tycke, 72 min for X, Y and Z ares respectively Overload Protection Automatically protect the divice when the load saceeds 102% of the rated power. Automatically recover once load is reduced Overload Protection Intelligently ajust or turn of the current output if the CPG temperature 110°C, 20.00minutally recover once load is reduced Overload Protection Automatically protect the divice when the load saceeds 10.02% of the rated power. Automatically recover once load is reduced Overload Protection Automatically protect the divice when values exceeds the no-load values, it can be recovered automatically Withstand Volage I/P-O/P-100M/S0VDC/25%C70% KH CB CD Momber States	INPUT						
Incate Durrent Cold start 25/LTest twithh 130us tested under 50% [paak]/230/ac Am Surge L-N-2 XV Leakage Current Max. 0.5m A Working Imagerature ta: 20 - 45°C to: 90°C Temperature Construct/Hundly 20 - 89°KH, non-condensing Strage Temperature/Hundly -0.80°K/10-99%RH Temperature Construct/Hundly -0.80°K/10-99%RH Temperature Construct/Hundly -0.80°K/10-99%RH Temperature Construction Automatically protect the device when the load acceeds 102% of the rated power. Automatically recover once load is reduced Overhaad Protection Automatically protect the device when the DOB temperature 310°C. When the PCB temperature 30°C automatically recover nor Verinitian Protection Intelligently adjust or turn of the current output if the PCB temperature 310°C. When the PCB temperature 30°C automatically recover nor Safety Standards IP-0/P-37504×c Insulation Resistance IP-0/P-37504×c Insulation Resistance ICCC China CB15137.1.E01347.2-13.1.EN3247 CE European Union EN1347.1.EN1347.2-13.1.EN3247 CE <th></th> <td></td> <td colspan="5"></td>							
Ant.Surge L-N. 2KV Lexisage Current Max. 0. 5mA Working Temperature ta: -20.45°C tc: 90°C Working Humidity 2095%/RH, non-condensing ENVRONMENT Storage TemperatureNumbity Temperature Coefficient 40.03%/°Cl0-96°Cl Vibration 10-500Hz, 20.12min/rcycle, 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 none load in reduced Overload Protection Automatically protect the device when voltage exceeds the no-load voltage. It can be recovered automatically recover none Overload Protection Intelligently adjust or turn off the current output if the PCB temperature 310°C. When the PCB temperature 40°C, automatically recover none Withstand Voltage UP-0/P: 100M/S00V0C/25°C/70%/RH Insulation Resistance (UP-0/P: 100M/S00V0C/25°C/70%/RH CE European Union EN15147/1.E01347/-1.213 CE European Union EN15147/1.213.2142/-1.26 CE European Union EN15147/1.213.2142/-1.26 CE European Union EN15147/1.E01347/-1.213 EAG B CB B CB Member States <t< th=""><td rowspan="2"></td><td></td><td colspan="5"></td></t<>							
Leakage Current Max. 0.5mA Working Tamperature tal. 20. 4%°C (tr. 90°C Working Humidity 20 95%.RH, non-condensing Storge Temperature/Humidity -40 80°C/10. 95%.RH Temperature Confficient 10.950%/L0.50%Cl Variant 10-500Hz, 20.12min/Lycke, 72 min for X, Y and 2 asser respectively Variant 10-500Hz, 20.12min/Lycke, 72 min for X, Y and 2 asser respectively Overhad Protection Automatically protect the device when in the load exceeds 10% of the rated power. Automatically recover once load is reduced Derhad Protection Intelligently adjust or turn of the current output if the PCB temperature ± 10°C. When the PCB temperature ± 00°C, automatically recover once load is reduced Short Circuit Protection Enter thiccurrend of thost circuit occurs, and recover automatically Withstand Voltage (IP-0/P: 3570Vac Insulation Resistance (IP-0/P: 3570Vac TUV Germany EN1347-1, EN1347-2-13, EN2348. Ke Kocia37-1, IC61347-2-13 EAC Russia IEC61347-1, IEC61347-2-13 EAC Russia IEC61347-1, EN1347-2-13, EN2348. Ke Kocia37-1, Koi337-7, Koi337-7, Koi337-7, Koi337 EAC R							
Working Temperature Working Humidity ts20 - 45°C tc: 90°C Working Humidity 20 - 97%RH, non-condensing Storage TemperatureMamidy - 40 - 80°C/10 - 95%RH 20 - 87°C/10 - 95%RH Temperature Coefficient 40 33%/°C/10 - 95%RH Overfoad Protection Automatically protect the device when the load exceeds 102% of the net power. Automatically recover one load is reduced Overfoad Protection Overfoad Protection Automatically protect the device when vottage exceeds the no-load vottage. II. on the PCB temperature - 40°C, automatically recover non Overfoad Protection Short Chruik Protection Enter hiccup mode if short circuit accurs, and recover automatically Withstand Votage 1/P-0/P-100M/300VDC/25°C/70%RH CCC China GB 10510.1, GB 19510.1, 4 TUV Germany EN1347-1, EO1347-2-13, EN62493 CB CB Member States IEC61347-1, IEC61347-2-13 Safety Standards KC Korea K KC Korea Uk. Autaralia AS 51327-1.1 St0327-2-13 Safety Standards IEC6 1347-1, IEC61347-2-13 K RCM Russia IEC6 Europe EN1347-1, EN1437-2-13, EN62493 EN140 Uk. America			Max. 0.	5mA			
Surg Temperture/Humlik -40 - 00°C10-95%0H Temparture Coefficient 40.03%/PCI0-50°C1 Wharation 10-50Hz, 76 12min/1cpCe, 72 min for X, Y and Z axes respectively Overtoal Protection Automatically protect the device when the load axeceds 102% of the rate power. Automatically recover once load is reduced Overtoal Protection Automatically protect the device when voltage exceeds the no-load voltage. It can be recovered automatically recover nor Dovertoal Protection Short Circuit Protection Enter hiccup mode if short circuit occurs, and recover automatically Withstand Voltage 1/P-O/P: 3750VC Insulation Resistance 1/P-O/P: 00/P100M/050VC/25/C70% RH CE European Union EM CE European Union CE European Union EN1347-11, EN1347-2-13, EN62493 CE European Union EN1347-1, EN1347-2-13, EN62493 CU CA RCM Australia		Working Temperature	ta: -20 -	- 45°C tc: 90°C			
SATE Temperature Coefficient Temperature Coefficient Wharkion 40.03%/PCID-50°C Wharkion 10-500Hz, 261 Zimin/LogCle, 72 min for X, Y and Z axes respectively Overtoad Protection Automatically protect the device when the load acceeds 102% of the ratep over. Automatically recover once load is reduced Overtoad Protection Automatically protect the device when the load acceeds 102% of the ratep over. Automatically recover once Overtoal Protection Short Circuit Protection Automatically protect the device when voltage exceeds the no-load voltage. It can be recovered automatically Withstand Voltage (I/P-0/P): 3750Ve Insulation Resistance (I/P-0/P): 010MU/500VC/257C/70% RH CE CC Chain CE European Union ENta13471. ENt0437-2-13. ENt62493 CE European Union ENt31471. ENt0437-2-13. ENt62493 CE European Union ENt3147-1. ENt0437-2-13. ENt62493 EMC Korea KC							
Vitration 10-500Hz, 20 12minf1cycle, 72 min for X, Y and Z axes respectively Overload Protection Automatically protect the device when the load acceds 102% of the rate dower. Automatically recover one load is reduced Overheal Protection Overload Protection Automatically protect the device when vultage exceeds the no-load voltage. It can be recovered automatically Short Circuit Protection Enter hiccup mode is thend recurs, and recover automatically Withstand Voltage I/P-0/P-100M/3000VDC/25*C/70%RH Trustation Resistance I/P-0/P-100M/3000VDC/25*C/70%RH GE CC Colina GB19510.1, GB19510.1, EV42433 CE Evropean Union EN1347-11, EN1347-2-13, EV42433 CE European Union EN1347-1, EN1347-2-13, EV42433 RCM Australia As 51347-1, EO1347-2-13, EV42433 CE European Union EN1347-1, EN1347-2-13, EV42433 CE European Union EN1347-1, EN1347-2-13, EV42433 CE European Union EN1347-1, EN1347	ENVIRONMENT	, , , , , , , , , , , , , , , , , , ,					
PROTECTION Deveload Protection Automatically protect the device when the load exceeds 102% of the rated power. Automatically recover once load is reduced Overheal Protection Intelligently adjust or turn off the current output if the PCB temperature >107C, Monthe PCB temperature >70°C, automatically recover nor Doverovitage Protectin 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: 3750Vac Tury Or CC CCC CCC China CE European Union EN1347-1, EN61347-2-13, EN02493 CE European Union ENC RCM Autoratial marks As 61347-1, KE01347-2-13, EN02344 EAC Russia IECe1347-1, IECe1347-1, EE01347-2-13, EN02493 CE European Union ENC Europe ENC Europe		Temperature Coefficient					
PROTECTION Overheat Protection Intelligently adjust or turn of the current output if the PCB temperature >110°C. When the PCB temperature <0°C, automatically recover non Overholtage Protection Short Circuit Protection Enter hiccury mode if short Circuit occurs, and recover automatically Short Circuit Protection Enter hiccury mode if short Circuit occurs, and recover automatically Short Circuit Protection U/P-0/P-3 255Vac Insulation Resistance U/P-0/P-10001/500VDC/25°C/70%RH CC China G819510.1, G819510.14 TUV Germany EN01347-1, EN01347-2-13, EN02493 CB CB Member States IEC61347-1, IEC61347-2-13 CB CB Member States IEC61347-1, EN01347-2-13, EN02493 CE European Union EN10147-1, EN01347-2-13, EN02494 WCA RCM Australia A \$61347-1, EN01347-2-13, EN02394 UKCA Britain BS EN 01347-1, EN01347-2-13, EN02394 EN02493 UKCA Britain BS EN 01347-1, EN01347-2-13, EN02394 EN02493 UKCA Britain BS EN 01347-1, EN01347-2-13, EN02394 EN02493 UKCA Britain BS EN 01347-1, EN01347-2-13, EN02394 EN02493 </th <th></th> <td></td> <td colspan="4"></td>							
PROTECTION Overheat Protection Intelligently adjust or turn off the current output if the PCB temperature >110°C. When the PCB temperature <0°C, automatically recover non Overholtage Protection Short Circuit Protection Enter hiccury mode if short Circuit occurs, and recover automatically Short Circuit Protection Enter hiccury mode if short Circuit occurs, and recover automatically Insulation Resistance I/P-0/P- 100MD/500VDC/25°C/70%RH CC China G819510.1, G819510.14 TUV Germany EN01347-1, EN01347-2.13, EN2493 CB CB Member States IEC61347-1, IEC61347-2.13, EN2493 CE European Union EN01347-1, EN01347-2.13, EN2394 UKCA Britain BS EN 01347-1, EN01347-2.13, EN2394 UKCA Britain BS EN 01347-1, EN01347-2.13, EN2493 UKCA Britain BS EN 01347-1, EN01347-2.13, EN2493 UKCA Britain BS EN 01347-1, EN01347-2.13, EN2493 UKCA Britain BS EN 01327-1		Overload Protection	Automa	tically protect the device	e when the load exceeds 102% of the rated power. Automatically recover once load is reduced		
Overvoltage Protection Automatically protect the device when voltage exceeds the no-load voltage. It can be recovered automatically Short Circuit Protection Enter hiccup model if short circuit occurs, and recover automatically Withstand Voltage I/P-0/P: 3750Vac Insulation Resistance I/P-0/P: 100MU/500VDC/25°C/70%RH CCC CChina GB19510.1, GB19510.14 TUV Germany EN61347-1, EN61347-2-13, EN62493 CB CB CB Member States IEC61347-1, IEC61347-2-13 CE European Union EN61347-1, K61347-2-13 EAC Roma KC61347-1, IEC61347-2-13 EAC Rustralia As 61347-1, IEC61347-2-13 EAC Rustralia As 61347-2-13 EAC Rustralia As 61347-2-13, EN62384 UKCA Britain BS EN 61347-1, IEC61347-2-13, EN62364 ULC Cocc China		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				
SAFETY & EMC Withstand Voltage I/P-0/P: 3750Vac Safety Standards I/P-0/P: 100M0/500VDC/25°C/70%RH CCC China GB19510.1, 6B19510.14 TUV Germany EN41347-1, EN61347-2-13, EN623493 CCC CC CCI CE European Union EN41347-1, EN61347-2-13, EN62344 CCC CC CCI	PROTECTION	Overvoltage Protection					
SAFETY & EMC Insulation Resistance 1/P-0/P: 100M0/500VDC/25°C/70%RH SAFETY & EN1347.1 CC China GB19510.1, GB19510.14 TUV Germany EN41347.1, EN41347.2-13, EN42493 CB CB Member States IEC61347.1, IEC61347.2-13 CE European Union EN41347.1, EN401347.2-13, EN42384 KC Korea KC61347.1, IEC61347.2-13 EAC Russia IEC61347.1, IEC61347.2-13 ENC Europe EN1347.1, EN401347.2-13, EN42384 UKCA Birtain BS Findia BIS India IS 15885 (PART 2/SEC 13) CUL Canada CSA 222, 2N0, 250, 13 UL America UL 8750 CC China GB/117743, GB17625, 1 CE European Union EN5015, EN41000-3-3, EN41547 MCA Birain BS EN IEC 50158, EN41000-3-3, EN41547 CE European Union EN5015, EN41000-3-3, EN41507 CC CR Korea KSC 9817, KSC 9847 EAC Russia IEC62/20, IEC61547, EH55015		Short Circuit Protection					
SAFETY & EMC CCC China GB19510.1, GB19510.14 TUV Germany EN61347-1, EN61347-2-13, EN62493 CB CB Member States IECC1347-1, IEC61347-2-13 CE European Union EN61347-1, EN61347-2-13, EN62394 KC Korea KC61347-1, IEC61347-2-13 RCM Australia AS 61347-1, IEC61347-2-13 RCM Australia AS 61347-1, IEC61347-2-13 RCM Australia AS 61347-1, IEC61347-2-13 RCM Australia AS 61347-2-13, EN62394 UKCA Britain BS EN 61347-1, IEC61347-2-13 BIS India IS ISBES [PART 2/SEC 13] CUL Canada CSA C22 2 N0.250.13 UL America UL 8750 UL America UL 8750 CE European Union EN5015, EN61000-3-3, EN61547 EMC Emission CE European Union EN5015, EN61000-3-3, EN61547 CE Ruopean Union EN50515, EN61000-3-3, EN61547 EN61347-1 CE CCC Chiaa EN50515, EN61000-3-3, EN61547<		Withstand Voltage					
SAFETY & EMC Safety Standards TUV Germany EN61347-1, EN61347-2-13, EN62493 SAFETY & EMC Safety Standards TUV Germany EN61347-1, EN61347-2-13, EN62384 KC Korea KCG1347-1, EN61347-2-13 EN61347-1, EN61347-2-13 RCM Australia AS 61347-1, KC61347-2-13 RCM Australia AS 61347-1, KC61347-2-13 ENCC Europe EnN1347-1, EN61347-2-13, EN62384 UKCA Britain BS EN 61347-1, EN61347-2-13, EN62384 UL America UL 8750 CUL Canada CSA C22 2 NO.250.13 UL America UL 8750 EMC Emission KC Korea KC Korea KSC 9815, KSC 9547 EAC		Insulation Resistance	I/P-0/F	2:100MΩ/500VDC/25°	C/70%RH		
SAFETY & EMC Safety Standards CB CB Member States IEC61347-2-13 SAFETY & EMC Safety Standards CC European Union EN51347-1, IEX61347-2-13, EN62384 KC Korea KC61347-1, IEC61347-2-13 EN601347-2-13, EN62384 KC KC Rowa Revisia IEC61347-1, IEC61347-2-13 RCM347-2-13, EN62384 UKCA Bisian IES EN61347-1, IES6181347-2-13, EN62384 UKCA Bisian IES EN61347-1, IES6181347-2-13, EN62384 UKCA Bisian IES EN61347-1, IES6181347-2-13, EN62384 UKCA UKCA Bisian IES EN61347-1, IES6181347-2-13, EN62384 UKCA UKCA Bisian IES1585 [PART2/SEC13] CUL Canada CSC 200.250.13 UL America UL America UL America UL America ECC China ECC China EN55015, EN41000-3-2, EN61000-3-3, EN61547 KC KC			CCC	China	GB19510.1, GB19510.14		
SAFETY & EMC Safety Standards CE European Union EN61347-1, EN61347-2-13, EN62384 KC Korea KC61347-1, KC61347-2-13 IEC61347-2-13 EAC Russia IEC61347-1, IEC61347-2-13 EMC ENEC Europe EN61347-1, EN61347-2-13, EN62384 UKCA Britain BS EN 61347-1, BS EN 61347-2-13, BS EN 62493 BIS India IS 15885 [PART 2/SEC 13] CUL Canada CSA C22, 2N0.250, 13 UL America UL 8750 UL America UL 8750 CCC China GB/117743, 0B17625.1 CE European Union EN55015, EN51000-3-2, EN61000-3-3, EN61547 KC Korea KSC 9815, KSC 9547 EAC Russia IEC62493, IEC61547, EH5015 RCM Australia EN55015, EN61000-3-2, EN61000-3-3, EN61547 UL America FCC PART 158 EMC Immunity EN61000-4-2, 3A, 5, 6, 8, 11, EN6100-4-2, 3A, 5, 6, 8, 1		Safety Standards	TUV	Germany	EN61347-1, EN61347-2-13, EN62493		
SAFETY & EMC Safety Standards KC Korea KC61347-1, KC61347-2-13 EAC Russia IEC61347-1, IEC61347-2-13 EAC Russia IEC61347-1, LE061347-2-13 EMC Australia AS 61347-1, LS 61347-2-13 ENC EVEC EUrope ENCA Britain BS EN 61347-1, LS 61347-2-13 UKCA Britain BS EN 61347-1, LS 61347-2-13 BIS India IS 15885 (PART 2/SEC 13) CUL Canada CSA C22, 2N0.250.13 UL America UL 8750 CCC China 6B/117743, 6B17425.1 CE European Union EN55015, EN61000-3-3, EN61547 KC Korea KSC 9817, EK55015 RCM Australia EN55015, EN 61000-3-3, EN 61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 CUL Canada ICES-005 UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 ErP Power Consumption <0.5W			СВ	CB Member States	IEC61347-1, IEC61347-2-13		
SAFETY & EMC EAC Russia IEC61347-1, IEC61347-2-13 SAFETY & EMC ENC Europe EN61347-1, SS 61347-2-13, EN62384 UKCA Bitain BS EN 61347-1, EN61347-2-13, EN62384 UKCA Bitain BS EN 61347-1, SS EN 61347-2-13, EN62384 UKCA Bitain BS EN 61347-1, EN61347-2-13, EN62384 UL Cut Canada CSA C22.2 N0.250.13 UL America UL 8750 CCC CCC China GCC CC CC CE European Union EN55015, EN61000-3-2, EN61000-3-3, EN61547 EMC Emission KC Korea KC Korea KSC 9815, KSC 9817, KSC 9847, IE5015 RCM Australia IEC62301, IEC6347, IE5015 RCM Australia EN55015, EN61000-3-2, EN61000-3-3, EN61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61547 UL Canada ICES-005 UL America FCC PART 158 EMC Immunity EN6100-4-2.3, 4, 5, 6, 8, 11, EN61547 Networked standby <0.5W (After shutdown by command) No-laad power consumption <0.5W (Mhen the Iamp is not connected) Flicker/Stroboscopic Effect CIE SVM Pst LM<10, SVMe0.4 DF </th <th></th> <td>CE</td> <td>European Union</td> <td>EN61347-1, EN61347-2-13, EN62384</td>			CE	European Union	EN61347-1, EN61347-2-13, EN62384		
SAFETY EAC Russia IEC61347-1, IEC61347-2-13 RCM Australia AS 61347-1, AS 61347-2-13 ENC WCA Britain BS EN 61347-1, BS EN 61347-2-13, EN62384 UKCA Britain BS EN 61347-1, BS EN 61347-2-13, EN62384 UKCA Britain BS EN 61347-1, BS EN 61347-2-13, EN62384 UKCA Britain BS EN 61347-1, BS EN 61347-2-13, EN62384 UKCA Britain BS EN 61347-2-13, EN61347-2-13, EN61547 UKCA Conada CSA 6222, N0.250.13 UL America UL 8750 CCC China GB/17743, GB17625.1 CEK Korea KS 0915, EN61000-3-3, EN61547 KC Korea KS 0915, EN61000-3-3, EN61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-3, EN 61507 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 6100-3-3, EN 61547 UKCA Britain<			KC	Korea	KC61347-1, KC61347-2-13		
SAFETY & EMC Image: Final system Environmetric for the final syst			EAC	Russia	IEC61347-1, IEC61347-2-13		
SAFETY & EMC UKCA Britain BS EN 61347-1, BS EN 61347-2-13, BS EN 62493 BIS India IS 15885 (PART 2/SEC 13) CUL Canada CSA C22, 2N0, 250, 13 UL America UL 8750 CCC China GB/T17743, GB17625, 1 CE European Union EN55015, EN61000-3-2, EN61000-3-3, EN61547 KC Korea KSC 9815, KSC 9547 EAC Russia IEC62493, IEC61547, EH55015 RCM Australia EN55015, EN61000-3-2, EN61000-3-3, EN61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 CUL Canada ICES-005 UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 VL America FCC PART 15B ErP Power Consumption <0.5W (When the lamp is not connected) IEEE 1789 Meet IEEE 1789 Standard/High frequency exemption level Flicker/Stroboscopic Effert IEE 1799 Meet IEEE 1789 Standard/High frequency exemption level DF Phase factor DF>0.9			RCM	Australia	AS 61347-1, AS 61347-2-13		
& Bis India Is District PART 2/SEC 13) CUL Canada CSA C22.2 N0.250.13 CUL Canada CSA C22.2 N0.250.13 UL America UL 8750 CCC China GB/11/743, GB17625.1 CE European Union ENS5015, EN61000-3-2, EN61000-3-3, EN61547 CCC China KC KC KC KSC 9815, KSC 9547 CCC CRissia EAC Russia IEC62493, IEC641547, EH55015 RCM Australia ENS5015, EN61000-3-2, EN61000-3-3, EN61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 CUL Canada CUL Canada ICES-005 ICC PART 15B ICC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 VL America FC C PART 15B FrP Power Consumption N-teworked standby <0.5W (After shutdown by command) O.5W (Men the lamp is not connected) Flicker/Stroboscopic Effect IEEE 1789 Meet IEEE 1789 standard/High frequency exemption level CIE SVM Pst LM<1.0, SVM<0.4 DF Phase f				Europe	EN61347-1, EN61347-2-13, EN62384		
EMC Initial Distribution CUL Canada CSA 022.2 N0.250.13 UL America UL 8750 UL America UL 8750 EMC Emission CCC Chia GB/T17743, GB17625.1 CE European Union EN5015, EN61000-3-2, EN61000-3-3, EN61547 EMC Emission KC Korea KSC 9815, KSC 9547 EAC Russia EN5015, EN61000-3-2, EN61000-3-3, EN61547 EMC Emission RCM Australia EN50150, EN61000-3-2, EN61000-3-2, EN61000-3-3, BS EN 61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 UL CUL Canada ICES-005 UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 No-Load power consumption <0.5W (Met the lamp is not connected) No-Load power consumption <0.5W (When the lamp is not connected) REFP Flicker/Stroboscopic Effect IEEE 1789 Veight(N.W.) 170g±10g Veight(N.W.)			UKCA	Britain	BS EN 61347-1, BS EN 61347-2-13, BS EN 62493		
ErP CCC Canada CSA C22, 20, 20, 20, 13 UL America UL 8750 CCC China GB/T17743, GB17625.1 CE European Union EN55015, EN61000-3-2, EN61000-3-3, EN61547 KC Korea KSC 9815, KSC 9547 EAC Russia IEC62493, IEC61547, EH55015 RCM Australia EN55015, EN61000-3-2, EN61000-3-3, EN61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61547 UL Canada ICES-005 UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 VL Consumption <0.5W (After shutdown by command) No-load power consumption <0.5W (When the lamp is not connected) IEEE 1789 Meet IEEE 1789 standard/High frequency exemption level Flicker/Stroboscopic Effect IEEE 1789 Meet IEEE 1789 standard/High frequency exemption level OTHERS Weight(N.W.) 170g±10g UF							
ErP CCC China GB/T17743, GB17625.1 CE European Union EN55015, EN61000-3-2, EN61000-3-3, EN61547 KC Korea KSC 9815, KSC 9547 EAC Russia IEC62493, IEC61547, EH55015 RCM Australia EN55015, EN61000-3-2, EN61000-3-3, EN61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 CUL Canada ICES-005 UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 No-load power consumption voltworked standby cl.5W (When the lamp is not connected) Power Consumption IEEE 1789 Meet IEEE 1789 standard/High frequency exemption level Flicker/Stroboscopic Effect IEEE 1789 Meet IEEE 1789 standard/High frequency exemption level DF Phase factor DF>0.9	ENIC						
ErP EMC Emission CE European Union EN55015, EN61000-3-2, EN61000-3-3, EN61547 KC Korea KSC 9815, KSC 9547 EAC Russia IEC62493, IEC61547, EH55015 RCM Australia EN55015, EN61000-3-2, EN61000-3-3, EN61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 CUL Canada ICES-005 UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 No-load power consumption <0.5W (After shutdown by command) No-load power consumption <0.5W (When the lamp is not connected) IEEE 1789 Meet IEEE 1789 standard/High frequency exemption level Flicker/Stroboscopic Effect IEEE 1789 DF Phase factor DF>0.9 Weight[N.W.] 170g±10g							
EMC Emission KC Korea KSC 9815, KSC 9547 EAC Russia IEC62493, IEC61547, EH55015 RCM Australia EN55015, EN61000-3-2, EN61000-3-3, EN61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 CUL Canada ICES-005 UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 Vover Consumption <0.5W (After shutdown by command) No-load power consumption <0.5W (When the lamp is not connected) Flicker/Stroboscopic Effect IEEE 1789 Meet IEEE 1789 standard/High frequency exemption level Flicker/Stroboscopic Effect CIE SVM Pst LM<1.0, SVM<0.4 DF Phase factor DF>0.9 Weight[N.W.] 170g±10g		-					
ErP EAC Russia IEC62493, IEC61547, EH55015 RCM Australia EN55015, EN61000-3-2, EN61000-3-3, EN61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 CUL Canada ICES-005 UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 No-load power consumption <0.5W (After shutdown by command) No-load power consumption <0.5W (When the lamp is not connected) Flicker/Stroboscopic Effect IEEE 1789 Phase factor DF >0.9 Weight[N.W.] 170g±10g							
ErP RCM Australia EN55015, EN61000-3-2, EN61000-3-3, EN61547 UKCA Britain BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 CUL Canada ICES-005 UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 Power Consumption No-load power consumption <0.5W [After shutdown by command] No-load power consumption <0.5W [When the lamp is not connected] Flicker/Stroboscopic Effect IEEE 1789 Meet IEEE 1789 standard/High frequency exemption level OTHERS Weight[N.W.] 170g±10g		EMC Emission					
$\begin{tabular}{ c c c c c c } \hline UKCA & Britain & BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 \\ \hline CUL & Canada & ICES-005 \\ \hline UL & America & FCC PART 15B \\ \hline EMC Immunity & EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61547 \\ \hline Power Consumption & No-load power consumption & <0.5W [After shutdown by command] \\ \hline No-load power consumption & <0.5W [When the lamp is not connected] \\ \hline Flicker/Stroboscopic Effect & IEEE 1789 & Meet IEEE 1789 standard/High frequency exemption level \\ \hline Flicker/Stroboscopic Effect & DF & Phase factor & DF>0.9 \\ \hline OTHERS & Weight[N.W.] & 170g\pm10g \\ \hline \hline \end{array}$							
CUL Canada ICES-005 UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 Power Consumption Networke standby <0.5W (After shutdown by command)							
UL America FCC PART 15B EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 Power Consumption Networked standby <0.5W (After shutdown by command) No-load power consumption <0.5W (When the lamp is not connected) Flicker/Stroboscopic Effect IEEE 1789 Meet IEEE 1789 standard/High frequency exemption level DF Phase factor DF >0.9 Weight[N.W.] 170g±10g UT of the product of the pro							
EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 Power Consumption Networked standby <0.5W (After shutdown by command)		-					
Power Consumption Networked standby <0.5W (After shutdown by command)		EMC Immunity					
ErP Power Consumption No-load power consumption <0.5W (When the lamp is not connected)							
ErP IEEE 1789 Meet IEEE 1789 standard/High frequency exemption level CIE SVM Pst LM<1.0, SVM<0.4 DF Phase factor DF>0.9 Weight[N.W.] 170g+10g	ErP	Power Consumption	,				
Flicker/Stroboscopic Effect CIE SVM Pst LM<1.0, SVM<0.4							
DF Phase factor DF>0.9 OTHERS Weight[N.W.] 170g±10g		Flicker/Stroboscopic Effect					
OTHERS Weight(N.W.) 170g±10g		DE					
UTHERS CONTRACT					DF≥0.9		
UIMENSIONS 142×40×23mm(L×w×H)	OTHERS						
	L	umensions	14Z×4U×	ZUTITILEXWXHJ			

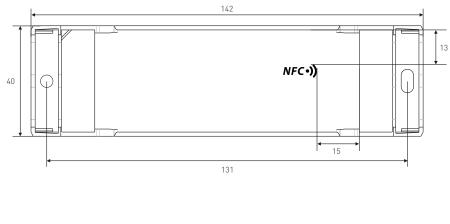
1



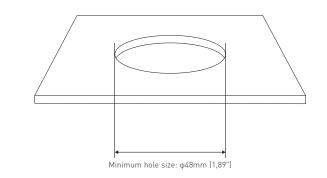


Product Size

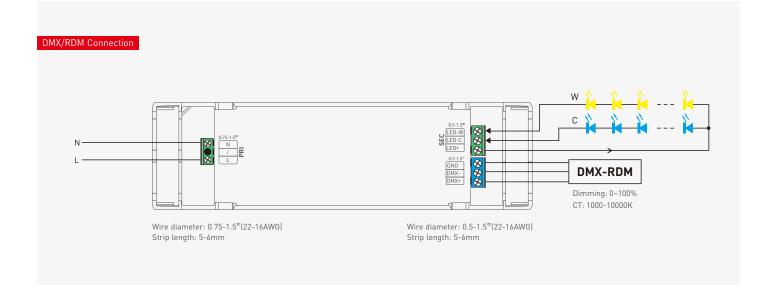
Unit: mm







Wiring Diagram



DMX512/RDM



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-W2M										
	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	

Application Diagram of Protective Cover

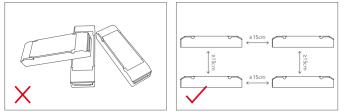


 Put the head of a screwdriver on the side of the housing to pry up both the protective cover and wire fixing board. Then remove the wire fixing board and connect to the wires as wiring diagram shows.

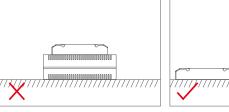


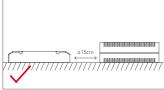
Install the wire fixing board and press it down. Then snap on the protective cover while pressing the wire fixing board with a small flat-head screwdriver

Installation Precautions



Please do not stack the products. The distance between two products should be ≥ 15 cm 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).



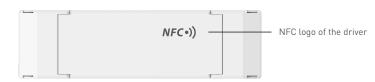
* Before you begin setting the parameters of the driver, please make sure the driver is powered off.

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.

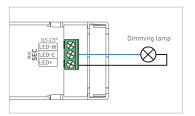
1. Read the LED driver

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.

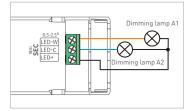


2. Switch the dimming interface

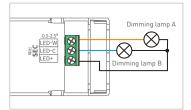
On the page of "Edit parameters", click [Dimming interfaces] to switch to the needed dimming interface: CT, DIM(1 address for 1 channel / 1 address for 2 channels / 2 addresses for 2 channels).



1 address for 1 channel



1 address for 2 channels



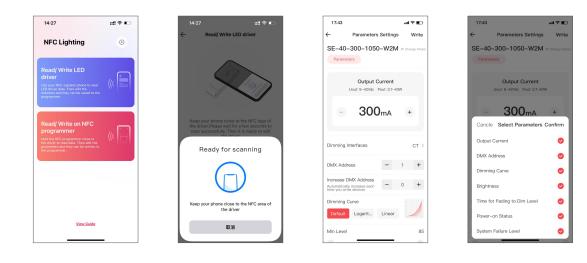
2 addresses for 2 channels

3. Edit the parameters

Click [Parameter settings] to edit the advanced parameters, like output current, DMX address, brightness range, power-on fading time, etc.

4. 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.

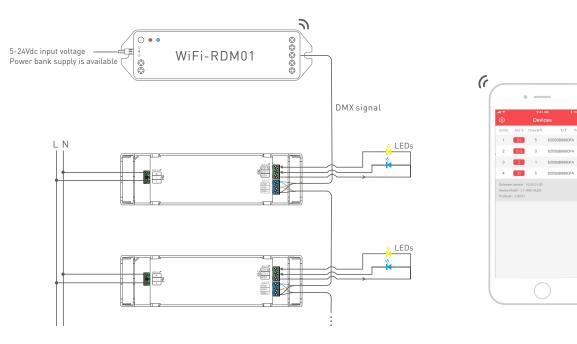






Use with RDM Editor

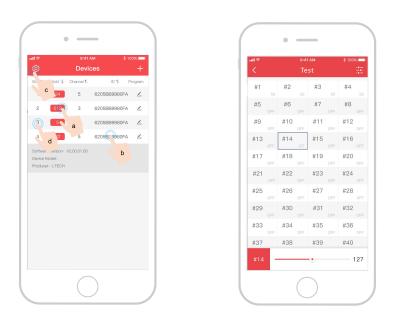
The DMX driver can work with the address editor that complies with standard RDM protocol. It is recommended to use LTECH's RDM editor (model WiFi-RDM01), which can achieve more functions such as remote browsing and parameter setting. Wiring diagram as below:



* the defaulted DMX address of the driver is 1.



Download the App, setting the parameters after well connecting the RDM editor, please check the manual of WiFi-RDM01 for more details.





a: Click "Add", edited the address in corresponding box.

b: Click "ID", get more product details.

c: Click " 🕲 ", enter setting interface.

d: Click "No.", issue the recognizing command.

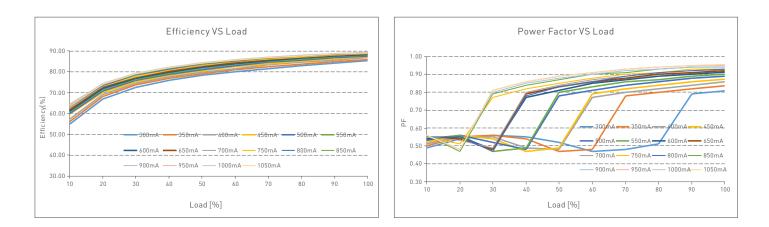
Test

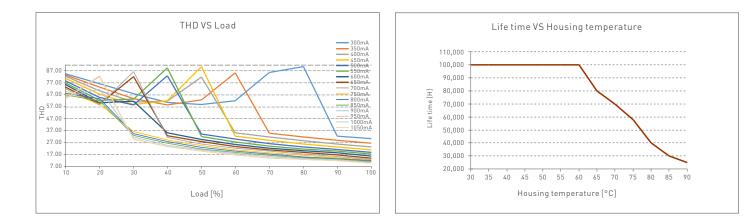
DMX address setting





Relationship Diagrams





Flicker Test Sheet

	IEEE 1789				
Limit of modulation in low risk area					
<i>f</i> ≤ 8Hz	0.2				
8Hz < <i>f</i> ≤ 90Hz	0.025 × f				
90Hz < <i>f</i> ≤ 1250Hz	0.08 × f				
f > 1250Hz	Exemption assessment				
Limit of modulation in no effect area					
<i>f</i> ≤ 10Hz	0.1				
10Hz < f ≤ 90Hz	0.01 × f				
90Hz < <i>f</i> ≤ 3125Hz	[0.08/2.5] × f				
f > 3125Hz	Exemption assessment (High frequency exemption)				

High Frequency Exemption Area Diagram Brightness 100.00% ▲ 0.1% ◆ 1% 1% 5% 10%
20%
30%
40% IEEE 1789 High Risk 10.00% 40% ★ 50%
 ● 60% 70% Modulation(%) 80% ¥ 90% IEEE 1789 No Effect ♦ 100% 1.00% IEEE 1789 Low Risk 0.10% 100 1000 3125 10000 1 10 Frequency(Hz)

Modulation Area Diagram

Marks in the right chart were tested results of different current ranges. 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-W2M
Carton Dimensions	320×275×106mm(L×W×H)
Quantity	20 PCS/Layer; 2 Layers/Carton; 40 PCS/Carton
Weight	0.17 kg/PC; 7.6 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 lightning proof 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

- 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.





Update Log

Version	Updated Time	Update Content	Updated by
A0	2023.09.13	Original version	Liu Weili