



## 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**

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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 Condensity           Start Circus Drevins         Automatically protect the device when nultage exceeds the no-load voltage. It can be recover automatically           Start Circus Drevins         Intelligently adjust or turn of the current output if the PCB temperature s10°C. When the PCB temperature s10°C, automatically recover none load start if the current output if the PCB temperature s10°C, automatically recover none load start if the current output if the Curre							
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="3"></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		EMC Emission					
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							
$\begin{tabular}{ c c c c c c } \hline UKCA & Britain & BS EN IEC 55015, BS EN IEC 61000-3-2, BS EN 61000-3-3, BS EN 61547 \\ \hline CUL & Canada & ICES-005 \\ \hline UL & America & FCC PART 15B \\ \hline EMC Immunity & EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61547 \\ \hline Power Consumption & No-load power consumption & <0.5W [After shutdown by command] \\ \hline No-load power consumption & <0.5W [When the lamp is not connected] \\ \hline Flicker/Stroboscopic Effect & IEEE 1789 & Meet IEEE 1789 standard/High frequency exemption level \\ \hline Flicker/Stroboscopic Effect & DF & Phase factor & DF>0.9 \\ \hline OTHERS & Weight[N.W.] & 170g\pm10g \\ \hline \hline \end{array}$							
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			

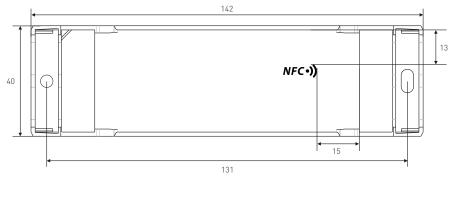
1



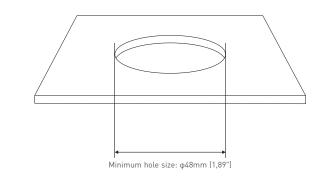


## Product Size

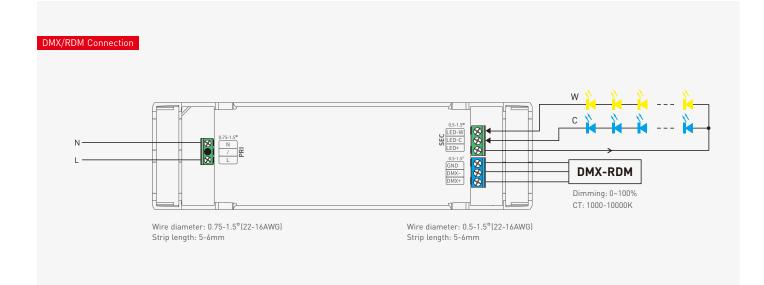
Unit: mm







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

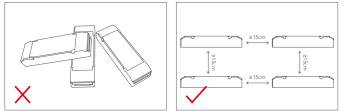


 Put the head of a screwdriver on the side of the housing to pry up both the protective cover and wire fixing board. Then remove the wire fixing board and connect to the wires as wiring diagram shows.



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  $\geq 15$ 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.

X





## 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).



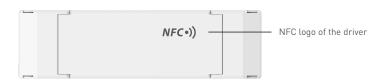
\* Before you begin setting the parameters of the driver, please make sure the driver is powered off.

#### 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.

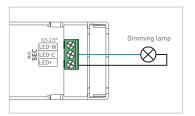
#### 1. Read the LED driver

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.

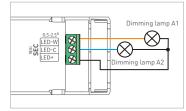


#### 2. Switch the dimming interface

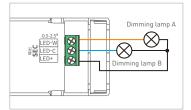
On the page of "Edit parameters", click [Dimming interfaces] to switch to the needed dimming interface: CT, DIM(1 address for 1 channel / 1 address for 2 channels / 2 addresses for 2 channels).



1 address for 1 channel



1 address for 2 channels



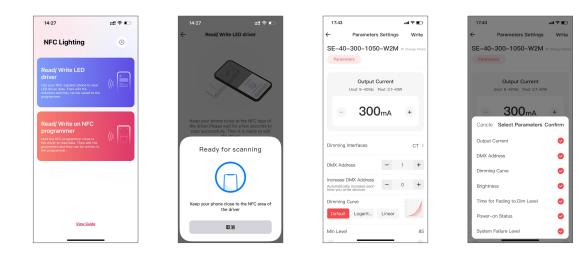
2 addresses for 2 channels

#### 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.

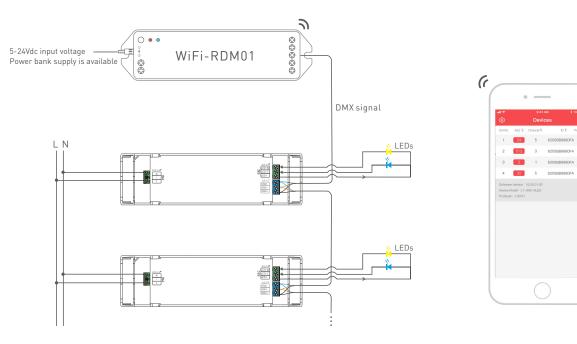






## Use with RDM Editor

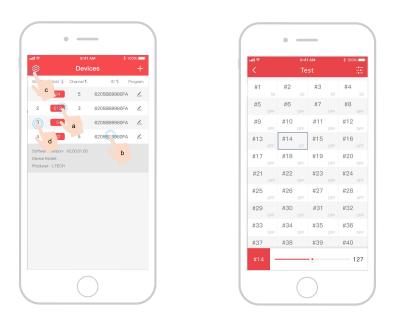
The DMX driver can work with the address editor that complies with standard RDM protocol. It is recommended to use LTECH's RDM editor (model WiFi-RDM01), which can achieve more functions such as remote browsing and parameter setting. Wiring diagram as below:



\* 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.

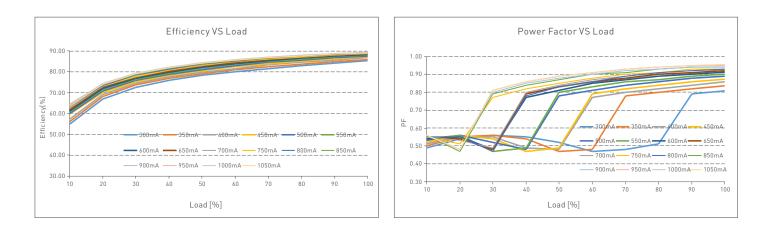
Test

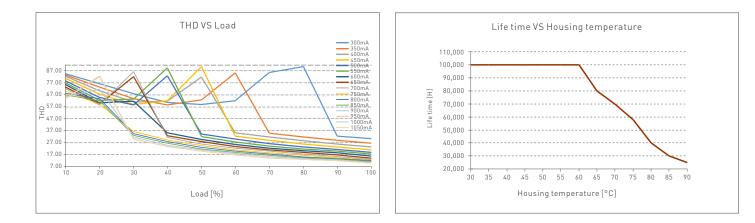
DMX address setting





## **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 gualified 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