

M SELV PC

SLD-150 series



IS 15885

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Constant Voltage + Constant Current mode output(12/24V)

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Constant power mode output(56V)

- Wide input range 120-305VAC with PFC function
- Compliance with BS EN/EN61347/EN60335-1 regulations
- Class II power unit
- Slim and Compact housing Design
- No load power consumption <0.5W(12/24V)
- 5 years warranty

Applications

- Strip lighting
- Decoration lighting
- Cabinet lighting
- Signage and display
- Cove lighting
- Household device lighting

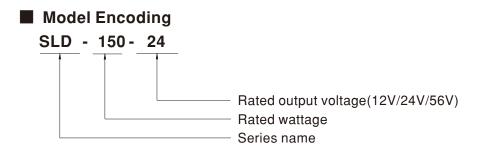
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GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

Description

SLD-150 series is a 150W AC/DC LED driver featuring with dual modes for constant voltage and constant current applications. SLD-150 operates from 120~305VAC and offers models with different rated voltage ranging between 12V and 56V. The 12V and 24V are suitable for constant voltage LED strip or household device and 56V is support for constant current application. Thanks to the high efficiency up to 93%, with the fanless design, the entire series is able to operate for -25° C $\sim +85^{\circ}$ C case temperature under free air convection. SLD-150 design with low profile and slim housing which is good for signage and decoration lighting applications.





SPECIFICATION:(Constant Voltage + Constant Current mode)

MODEL		SLD-150-12	SLD-150-24				
	DC VOLTAGE (default)	12V	24V				
	CONSTANT CURRENT REGION Note.2	8 4~12V	16.8~24V				
	RATED CURRENT	12A	6.3A				
		144W	151.2W				
	RATED POWER Note.5						
OUTPUT	RIPPLE & NOISE (max.) Note.3		240mVp-p				
	VOLTAGE TOLERANCE Note.4	±4.0% ±3.0%					
	LINE REGULATION	±0.5% ±0.5%					
	LOAD REGULATION	±1% ±1%					
	SETUP, RISE TIME Note.6	500ms, 80ms 230VAC					
	HOLD UP TIME (Typ.)	10ms/230VAC					
		120~ 305VAC 170~ 431VDC					
INPUT	VOLTAGE RANGE Note.5	(Please refer to "STATIC CHARACTERISTIC" section)					
	FREQUENCY RANGE	47 ~ 63Hz					
	POWER FACTOR	$PF \ge 0.95/230VAC, PF \ge 0.92/277VAC@full load$					
		(Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)					
	TOTAL HARMONIC DISTORTION	THD<10%(@load≧60%/230VAC; @load≧75%/277VAC)					
	TOTAL HARMONIC DISTORTION	(Please refer to "TOTAL HARMONIC DISTORTION(THD)" section)					
	EFFICIENCY (Typ.)	92% 93%					
	AC CURRENT	1A/230VAC 0.8A/277VAC					
	INRUSH CURRENT(Typ.)	COLD START 65A(twidth=500μs measured at 50% Ipeak) at 230VAC; Per NEMA 410					
		COLD STARTI 03A(IWIUIII-SUUJIS IIIEASUTEU AL SU% IPEAK) AL 23UVAC; PERINEMA 410					
	MAX. No. of PSUs on 16A	5 units (circuit breaker of type B) / 8 units (circuit breaker of type C) at 230VAC					
	CIRCUIT BREAKER						
	LEAKAGE CURRENT	<0.35mA / 294VAC					
	NO LOAD POWER CONSUMPTION	<0.5W					
		95~108%					
	OVER CURRENT	Constant current limiting, continous increase of load will be hiccup protection, recovers automatically after fault condition is removed					
	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed					
PROTECTION	SHORT CIRCUIT						
	OVER VOLTAGE	14 ~ 17V 28 ~ 34V					
		Shut down output voltage, re-power of					
	OVER TEMPERATURE	Shut down output voltage, re-power of	on to recovery				
	WORKING TEMP.	Tcase=-25 ~ +85°C (Please refer to "	OUTPUT LOAD vs TEMPERATURE" section)				
	MAX. CASE TEMP.	Tcase=+85℃					
	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
ENVIRONMENT							
	STODACE TEMP	10 ~ + 90°C					
	STORAGE TEMP.	-40 ~ +80°C					
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)					
		±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period					
	TEMP. COEFFICIENT VIBRATION	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E	N61347-2-13 independent, BS EN/EN62384, EN	160335-1			
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E		160335-1			
	TEMP. COEFFICIENT VIBRATION	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E	N61347-2-13 independent, BS EN/EN62384, EN	160335-1			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved	160335-1			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25°	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C / 70% RH	1			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C / 70% RH Standard	Test Level/Note			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743	Test Level/Note			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743	Test Level/Note			
CALETY *	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25% Parameter Conducted Radiated Harmonic Current	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C / 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1	Test Level/Note Class C @load≥60%			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743	Test Level/Note			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25% Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3	Test Level/Note Class C @load≥60% 			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard	Test Level/Note Class C @load≥60% Test Level/Note			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard	Test Level/Note Class C @load≥60% Test Level/Note			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge	Standard BS EN/EN61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 1KV/Line-Line			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Software Level 2 Level 2 Software Level 2 Level 3 Software Software Software Level 3 Level 4 Level 4 Level 5 Level 6 Level 7			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 1KV/Line-Line Level 2 Level 2 Level 2			
	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 Level 2 Sevel 2 VLine-Line Level 2 Sevel 2 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 Level 2 Sevel 2 VLine-Line Level 2 Sevel 2 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H)	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 Level 2 Sevel 2 VLine-Line Level 2 Sevel 2 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
EMC	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 Level 2 Level 2 Sevel 2 Viline-Line Level 2 Sevel 2 Sevel 2 Sevel 2 Sevel 2 Sevel 3 Sevel 4 Sevel 5 Sevel 6 Sevel 7 Sevel 8 Sevel 9			
EMC OTHERS	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC inp THODS OF LED MODULE".	N61347-2-13 independent, BS EN/EN62384, EN Standard Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-8 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 Styline-Line Level 2 Level 2 75% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods 7F (25°C)			
EMC OTHERS	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC inp THODS OF LED MODULE".	Standard BS EN/EN61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 32 (Bellcore); 298.8K hrs min. Dut, rated current and 25°C of ambient temperature. twisted pair-wire terminated with a 0.1uf & 47uf parall	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 SkV/Line-Line Level 2 Level 2 Sys% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods 7F (25°C)			
EMC OTHERS	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance : includes set up tol	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC imp THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" terance, line regulation and load regulatio	Standard BS EN/EN61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21 put, rated current and 25°C of ambient temperature. twisted pair-wire terminated with a 0.1uf & 47uf parall on.	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 SKV/Line-Line Level 2 Level 2 Store 1 You and the store 1 P45% dip 0.5 periods, 30% dip 25 p			
EMC OTHERS	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance : includes set up to 5. De-rating is needed under low	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC inp THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" to erance, line regulation and load regulation i put voltages. Please refer to "STATIC	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21 vut, rated current and 25°C of ambient temperature. twisted pair-wire terminated with a 0.1uf & 47uf parallon. cHARACTERISTIC" sections for details.	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 SKV/Line-Line Level 2 Level 2 Store 1 Sys% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods 7F (25°C)			
EMC OTHERS	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance : includes set up too 5. De-rating is needed under low 6. Length of set up time is meas	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC inp THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" f erance, line regulation and load regulatic / input voltages. Please refer to "STATIC ured at first cold start. Turning ON/OFF	Standard BS EN/EN61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21 put, rated current and 25°C of ambient temperature. twisted pair-wire terminated with a 0.1uf & 47uf parall on.	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8kV air ; Level 2, 4kV contact Level 2 Level 2 Level 2 Level 2 Set % dip 0.5 periods, 30% dip 25 periods, >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods 7F (25°C) Iel capacitor.			
EMC OTHERS	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY IMMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance : includes set up ton 5. De-rating is needed under low 6. Length of set up time is meas 7. The driver is considered as a complete installation, the final	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC imp THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" i put voltages. Please refer to "STATIC surge component that will be operated in comm equipment manufacturers must re-qualif	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21 Dut, rated current and 25°C of ambient temperature. twisted pair-wire terminated with a 0.1uf & 47uf parallon. C CHARACTERISTIC" sections for details. the driver may lead to increase of the set up time. bination with final equipment. Since EMC performance YEMC Directive on the complete installation again.	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8kV air ; Level 2, 4kV contact Level 2 Level 2 Level 2 Level 2 Set % dip 0.5 periods, 30% dip 25 periods, >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods 7F (25°C) Iel capacitor.			
EMC OTHERS	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance : includes set up tot 5. De-rating is needed under low 6. Length of set up time is meas 7. The driver is considered as a complete installation, the final (as available on https://www.n	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC inp THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" at 20MHz of bandwidth by operated in com Gured at first cold start. Turning ON/OFF component that will be operated in com equipment manufacturers must re-qualifie reanwell.com//Upload/PDF/EMI_stateme	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21 out, rated current and 25°C of ambient temperature. twisted pair-wire terminated with a 0.1uf & 47uf parallon. C CHARACTERISTIC" sections for details. the driver may lead to increase of the set up time. bination with final equipment. Since EMC performance fy EMC Directive on the complete installation again. Int_en.pdf)	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 Style y=95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods 7F (25°C) lel capacitor. ze will be affected by the			
EMC OTHERS	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY I All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance : includes set up ton 5. De-rating is needed under low 6. Length of set up time is meas 7. The driver is considered as a complete installation, the final (as available on https://www.n 8. This series meets the typical I	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC ing THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" ti erance, line regulation and load regulatic / input voltages. Please refer to "STATIC surge dat first cold start. Turning ON/OFF component that will be operated in comli equipment manufacturers must re-qualifi expectancy of 50000 hours of operati	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21 cout, rated current and 25°C of ambient temperature. twisted pair-wire terminated with a 0.1uf & 47uf parall on. C CHARACTERISTIC" sections for details. the driver may lead to increase of the set up time. bination with final equipment. Since EMC performance fy EMC Directive on the complete installation again. mt_en.pdf) ion when Tcase, particularly (C) point (or TMP, per DI	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 1KV/Line-Line Level 2 >95% interruptions 250 periods, 30% dip 25 periods, >95% interruptions 250 periods 7F (25°C) lel capacitor. xe will be affected by the			
SAFETY & EMC OTHERS NOTE	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance : includes set up to 5. De-rating is needed under low 6. Length of set up time is meas 7. The driver is considered as a complete installation, the final (as available on https://www.n 8. This series meets the typical I 9. Please refer to the warranty s	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC inp THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" f erance, line regulation and load regulatio <i>i</i> input voltages. Please refer to "STATIC sured at first cold start. Turning ON/OFF component that will be operated in comf equipment manufacturers must re-qualif reanwell.com//Upload/PDF/EMI_statemme fe expectancy of 50000 hours of operati tatement on MEAN WELL's website at t	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21 cout, rated current and 25°C of ambient temperature. twisted pair-wire terminated with a 0.1uf & 47uf parall on. C CHARACTERISTIC" sections for details. the driver may lead to increase of the set up time. bination with final equipment. Since EMC performance fy EMC Directive on the complete installation again. mt_en.pdf) ion when Tcase, particularly (C) point (or TMP, per DI	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 1KV/Line-Line Level 2 >95% interruptions 250 periods, >95% interruptions 250 periods 7F (25°C) lel capacitor. xe will be affected by the LC), is about 75°C or less.			
EMC OTHERS	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY IMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance : includes set up toi 5. De-rating is needed under low 6. Length of set up time is meas 7. The driver is considered as a complete installation, the final (as available on https://www.n 8. This series meets the typical I 9. Please refer to the warranty s 10. The ambient temperature de 11. RCM is on a voluntary basis	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC ing THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" input voltages. Please refer to "STATIC surge dat first cold start. Turning ON/OFF component that will be operated in com equipment manufacturers must re-qualif eanwell.com//Upload/PDF/EML_stateme ife expectancy of 50000 hours of operat tatement on MEAN WELL's website at f at 20MO as 75°/1000m with fanless mode .An Non IC classification Independent L	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/ 70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21 Dut, rated current and 25°C of ambient temperature. twisted pair-wire terminated with a 0.1uf & 47uf parallon. 2 CHARACTERISTIC" sections for details. the driver may lead to increase of the set up time. bination with final equipment. Since EMC performance fy EMC Directive on the complete installation again. Int_en.pdf) ion when Tcase, particularly (c) point (or TMP, per Di- http://www.meanwell.com	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 1KV/Line-Line Level 2 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods 7F (25°C) lel capacitor. xe will be affected by the LC), is about 75°C or less. altitude higher than 2000m(6500ft).			
EMC OTHERS	TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY INTERPOLICIES DIMENSION PACKING 1. All parameters NOT specially 2. Please refer to "DRIVING ME 3. Ripple & noise are measured 4. Tolerance : includes set up ton 5. De-rating is needed under low 6. Length of set up time is meas 7. The driver is considered as a complete installation, the final (as available on https://www.n 8. This series meets the typical I 9. Please refer to the warranty s 10. The ambient temperature de 11. RCM is on a voluntary basis commercial decoration / sign	±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 2G 12min./1cycle, period ENEC BS EN/EN61347-1, BS EN/E EAC TP TC 004, GB19510.1,GB195 I/P-O/P:3.86KVAC I/P-O/P:100M Ohms / 500VDC / 25° Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2883.5K hrs min. Telcordia SR-33 330*35*22mm (L*W*H) 0.31Kg; 48pcs / 15.9Kg / 0.79CUFT mentioned are measured at 230VAC ing THODS OF LED MODULE". at 20MHz of bandwidth by using a 12" ti erance, line regulation and load regulatic / input voltages. Please refer to "STATIC surged at first cold start. Turning ON/OFF component that will be operated in comi equipment manufacturers must re-qualif tatement on MEAN WELL's website at H rating of 3.5°C/1000m with fanless mode An Non IC classification Independent L board / luminaire lighting purpose.	N61347-2-13 independent, BS EN/EN62384, EN 510.14, BIS IS 15885(Part2/Sec13) approved C/70% RH Standard BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN55015(CISPR15)/EN55014, GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 32 (Bellcore) ; 298.8K hrs min. MIL-HDBK-21 con. C CHARACTERISTIC" sections for details. the driver may lead to increase of the set up time. bination with final equipment. Since EMC performancy y EMC Directive on the complete installation again. ant_en.pdf) ion when Tcase, particularly (c) point (or TMP, per DI http://www.meanwell.com els and of 5°C/1000m with fan models for operating a	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 1KV/Line-Line Level 2 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods 7F (25°C) lel capacitor. xe will be affected by the LC), is about 75°C or less. altitude higher than 2000m(6500ft).			



SPECIFICATION: (Constant Power mode)

		-				
MODEL		SLD-150-56				
	RATED CURRENT(Default)	4000mA (The maximum rated power	is 151.2W)			
		151.2W				
	CONSTANT CURRENT REGION Note.10					
	FULL POWER CURRENT RANGE					
OUTPUT	OPEN CIRCUIT VOLTAGE (max.)					
001101	CURRENT ADJ. RANGE					
		1400~4170mA				
	CURRENT RIPPLE	5.0%(@rated current)				
	CURRENT TOLERANCE	±5%				
	SET UP TIME Note.5	500ms/230VAC				
INPUT	VOLTAGE RANGE Note.2	120 ~ 305VAC 170VDC ~ 431VDC				
	VOLTAGE RANGE ROLE.2	(Please refer to "STATIC CHARACTERISTIC" and "DRIVING METHODS OF LED MODULE"section)				
	FREQUENCY RANGE	47 ~ 63Hz				
		PF≧0.95 / 230VAC, PF≧0.92 / 277VAC at full load				
	POWER FACTOR (Typ.)	(Please refer to "Power Factor Characteristic" section)				
		THD<10% (@ load≥60%/230VAC ,@load≥75%/277VAC)				
	TOTAL HARMONIC DISTORTION	Please refer to "TOTAL HARMONIC DISTORTION (THD)" section				
	EFFICIENCY (Typ.)	93.0%				
	AC CURRENT (Typ.)	1A / 230VAC 0.8A / 277VAC				
	INRUSH CURRENT(Typ.)		und at 50% lasely at 220 //AC: Dar NEMA 410			
		COLD START 65A(twidth=500µs measured at 50% Ipeak) at 230VAC; Per NEMA 410				
	MAX. NO. of PSUs on 16A	5 unit(circuit breaker of type B) / 8 units(circuit breaker of type C) at 230VAC				
	CIRCUIT BREAKER					
	LEAKAGE CURRENT	<0.35mA / 294VAC				
PROTECTION	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed				
	OVER VOLTAGE	60~70V				
	OVER VOLIAGE	Shut down output voltage, re-power on to recovery				
	OVER TEMPERATURE	Shut down output voltage, re-power on to recovery				
	WORKING TEMP.	Tcase=-25 ~ +85°C (Please refer to "C	DUTPUT LOAD vs TEMPERATURE" section)			
	MAX. CASE TEMP.	Tcase=+85℃				
	WORKING HUMIDITY	20 ~ 95% RH non-condensing				
ENVIRONMENT	STORAGE TEMP.	-40 ~ +80°C				
	TEMP. COEFFICIENT	±0.03%/°C (0~60°C)				
	VIBRATION	10 ~ 500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes				
	SAFETY STANDARDS Note.4	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384, EN60335-1				
		EAC TP TC 004, GB19510.1,GB19510.14, BIS IS 15885(Part2/Sec13) approved				
	WITHSTAND VOLTAGE	I/P-O/P:3.86KVAC				
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°	C/ 70% RH			
	EMC EMISSION Note.4	Parameter	Standard	Test Level/Note		
		Conducted	BS EN/EN55015(CISPR15)/55014, GB/T 17743			
		Radiated	BS EN/EN55015(CISPR15)/55014, GB/T 17743			
	EMC IMMUNITY	Harmonic Current	BS EN/EN61000-3-2 ,GB17625.1	Class C @load≥60%		
SAFETY &		Voltage Flicker	BS EN/EN61000-3-3			
EMC		BS EN/EN61547				
		Parameter	Standard	Test Level/Note		
		ESD	BS EN/EN61000-4-2	Level 3, 8KV air ; Level 2, 4KV contact		
		Radiated	BS EN/EN61000-4-3	Level 2		
		EFT/Burst	BS EN/EN61000-4-4	Level 2		
		Surge	BS EN/EN61000-4-5	1KV/Line-Line		
		Conducted	BS EN/EN61000-4-6	Level 2		
		Magnetic Field	BS EN/EN61000-4-8	Level 2		
		Voltage Dips and Interruptions	BS EN/EN61000-4-11	>95% dip 0.5 periods, 30% dip 25 periods,		
				>95% interruptions 250 periods		
OTHERS	MTBF	2883.5K hrs min. Telcordia SR-332 (Bellcore); 298.8K hrs min. MIL-HDBK-217F (25°C)				
	DIMENSION	330*35*22mm (L*W*H)				
	PACKING	0.31Kg; 48pcs / 15.9Kg / 0.79CUFT				
NOTE	 All parameters NOT specially mentioned are measured at 230VAC input, rated current and 25°C of ambient temperature. De-rating is needed under low input voltages. Please refer to "STATIC CHARACTERISTIC" sections for details. Please refer to "DRIVING METHODS OF LED MODULE". This series meets the typical life expectancy of 50000 hours of operation when Tcase, particularly (c) point (or TMP, per DLC), is about 75°C or less. Length of set up time is measured at first cold start. Turning ON/OFF the driver may lead to increase of the set up time. The driver is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. (as available on https://www.meanwell.com//Upload/PDF/EMI_statement_en.pdf) Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. Please refer to the warranty statement on MEAN WELL's website at http://www.meanwell.com The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft). For 56v model applications whose output voltage is less than 30V, the upper input voltage is 295VAC. RCM is on a voluntary basis. An Non IC classification Independent LED control gear is not suitable for residential installations but recommend to be used for commercial decoration / sign board / luminaire lighting purpose. To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED driver can only be used behind a switch without permanently connected to the mains. Product Liability Disclaimer : For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx					



SLD-150 series

