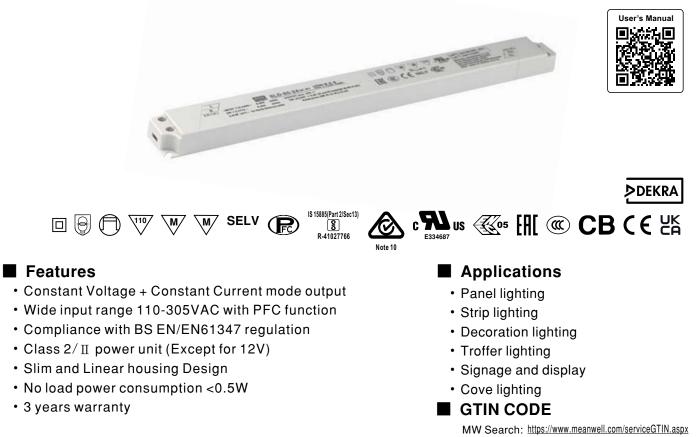


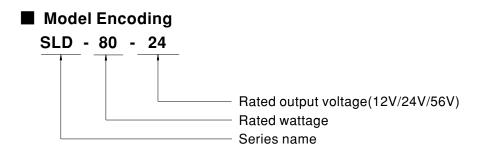
80W Linear LED Driver

SLD-80 series



Description

SLD-80 series is a 80W AC/DC LED driver featuring the dual modes constant voltage and constant current output. SLD-80 operates from $110 \sim 305$ VAC and offers models with different rated voltage ranging between 12V and 56V. Thanks to the high efficiency up to 92%, with the fanless design, the entire series is able to operate for -20° C $\sim +90^{\circ}$ C case temperature under free air convection. SLD-80 design with low profile and linear housing which is good for signage and linear luminaire applications.





		SLD-80-12		SLD-80-24			
	DC VOLTAGE	12V	2	24V			
	CONSTANT CURRENT REGION Note.2	8.4~12V	1	16.8 ~24V			
	RATED CURRENT	6.6A	3	3.3A			
	RATED POWER Note.5	79.2W	7	79.2W			
OUTPUT	RIPPLE & NOISE (max.) Note.3	150mVp-p	2	240mVp-p			
	VOLTAGE TOLERANCE Note.4	±4.0%	ŧ	±3.0%			
	LINE REGULATION	±0.5%	4	±0.5%			
	LOAD REGULATION	±1.5% ±0.5%					
	SETUP, RISE TIME Note.6	500ms, 80ms 115VAC / 230VAC					
	HOLD UP TIME (Typ.)	10ms/230VAC 10ms/115VAC					
		110~ 305VAC 155~ 431VDC					
	VOLTAGE RANGE Note.5	(Please refer to "STATIC CHARACTERISTIC" section)					
	FREQUENCY RANGE	47~63Hz					
	TREQUENCTRANGE						
	POWER FACTOR	$PF \ge 0.97/115VAC, PF \ge 0.95/230VAC, PF \ge 0.92/277VAC@full load$ (Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)					
		· · ·					
	TOTAL HARMONIC DISTORTION	THD<10%(@load≧60%/115VC,230VAC; @load≧75%/277VAC)					
INPUT		(Please refer to "TOTAL HARMONIC DISTORTION(THD)" section)					
	EFFICIENCY (Typ.)	90.5% 91.5%					
	AC CURRENT	0.9A / 115VAC 0.45A / 230VAC 0.38A/277VAC					
	INRUSH CURRENT(Typ.)	COLD START 50A(twidth=270µs mea	sured at 50% Ipeak) at 2	30VAC; Per NEMA 410			
	MAX. No. of PSUs on 16A	8 units (circuit breaker of type B) / 16 units (circuit breaker of type C) at 230VAC					
	CIRCUIT BREAKER			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	LEAKAGE CURRENT	<0.25mA / 277VAC					
	NO LOAD POWER CONSUMPTION	<0.5W					
		95 ~ 108%					
	OVER CURRENT	Constant current limiting or Hiccup mod	e, recovers automatically	after fault condition is r	emoved		
	SHORT CIRCUIT	Hiccup mode, recovers automatically					
PROTECTION		14 ~ 17V		28 ~ 34V			
	OVER VOLTAGE			20~ 34V			
		Shut down output voltage, re-power or	•				
	OVER TEMPERATURE	Shut down output voltage, re-power or					
	WORKING TEMP.	Tcase=-20 ~ +90°C (Please refer to " €	DUIPUI LOAD vs IEMP	'ERATURE" section)			
	MAX. CASE TEMP.	Tcase=+90°C					
ENVIRONMENT	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
	STORAGE TEMP.	-40 ~ +80°C					
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)					
		10 ~ 500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes					
	VIBRATION	10 ~ 500Hz, 2G 12min./1cycle, period	for 72min. each along X	, Y, Z axes			
		10 ~ 500Hz, 2G 12min./1cycle, period UL8750,CSA C22.2 No. 250.13-12, ENE	5		pendent, BS EN/EN62384,		
	VIBRATION SAFETY STANDARDS Note.8		EC BS EN/EN61347-1, BS	EN/EN61347-2-13 inde	•		
		UL8750,CSA C22.2 No. 250.13-12, ENE	EC BS EN/EN61347-1, BS	EN/EN61347-2-13 inde	•		
	SAFETY STANDARDS Note.8	UL8750,CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1,GB19510	EC BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec	EN/EN61347-2-13 inde	•		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE	UL8750,CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1,GB19510 I/P-O/P:3.75KVAC	EC BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec	EN/EN61347-2-13 inde	•		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter	EC BS EN/EN61347-1, BS).14, IS15885(Part2/Sec :/ 70% RH Standard	EN/EN61347-2-13 inde	Test Level/Note		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C	C BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec //70% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI	EN/EN61347-2-13 inde :13) ,EN60335-1 approv SPR15) ,GB/T 17743, SPR 14-1)	ed		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter	C BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec 7/70% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS	EN/EN61347-2-13 inde 13) ,EN60335-1 approv SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743,	Test Level/Note		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated	C BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec 7/70% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI	EN/EN61347-2-13 inde 13) ,EN60335-1 approv SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1)	Test Level/Note		
SAFETY &	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current	C BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec 70% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015/CIS EN IEC 55014-1(CI BS EN/EN61000-3-2	EN/EN61347-2-13 inde :13) ,EN60335-1 approv SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2,GB17625.1	Test Level/Note Class C @load≥60%		
SAFETY &	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker	C BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec 7/70% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI	EN/EN61347-2-13 inde :13) ,EN60335-1 approv SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2,GB17625.1	Test Level/Note		
SAFETY & EMC	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2	C BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec 	EN/EN61347-2-13 inde :13) ,EN60335-1 approv SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2,GB17625.1	Test Level/Note Class C @load≥60% 		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter	C BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec 	EN/EN61347-2-13 inde i13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR 15) ,GB/T 17743, SPR 14-1) 2,GB17625.1 3	Test Level/Note Class C @load≥60% Test Level/Note		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD	C BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec 	EN/EN61347-2-13 inde i13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR 15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated	C BS EN/EN61347-1, BS).14, IS15885(Part2/Sec 	EN/EN61347-2-13 inde i13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 2 3	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst	EC BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec 	EN/EN61347-2-13 inde 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 2 3 4	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated	C BS EN/EN61347-1, BS).14, IS15885(Part2/Sec 	EN/EN61347-2-13 inde 13) ,EN60335-1 approv SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 2 3 4 5	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	UL8750,CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1,GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547,EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge	C BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec 7/70% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN61000-3-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4	EN/EN61347-2-13 inde 13) ,EN60335-1 approv SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 2 3 4 5 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		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .70% RH Standard BS EN/EN55015(Cls EN IEC 55014-1(Cl BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN61000-3-2 BS EN/EN61000-3-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS E	EN/EN61347-2-13 inde 113) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 4 5 5 3	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		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted	C BS EN/EN61347-1, BS 0.14, IS15885(Part2/Sec 2,70% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN61000-3-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6	EN/EN61347-2-13 inde 113) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 4 5 5 3	Test Level/Note Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 IKV/Line-Line Level 2 IKV/Line-Line Level 2 T0% residual volatge for 10 periods , 0% residual volatge for 0.5 periods ,		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .70% RH Standard BS EN/EN55015(Cls EN IEC 55014-1(Cl BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN61000-3-2 BS EN/EN61000-3-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS E	EN/EN61347-2-13 inde 113) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 4 5 5 3	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 1KV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 40% residual volatge for 10 periods ,		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .70% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN61000-3-2 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-1	EN/EN61347-2-13 inde 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2,GB17625.1 3 4 5 5 3 11	Test Level/Note Class C @load≥60% Class C @load≥60% Evel 3, 8KV air ; Level 2, 4KV contact Level 3, 8KV air ; Level 2, 4KV contact Level 2 1KV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods		
EMC	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .70% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN61000-3-2 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-1	EN/EN61347-2-13 inde 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2,GB17625.1 3 4 5 5 3 11	Test Level/Note Class C @load≥60% Class C @load≥60% Evel 3, 8KV air ; Level 2, 4KV contact Level 3, 8KV air ; Level 2, 4KV contact Level 2 1KV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods		
EMC	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332 320*30*16.8mm (L*W*H)	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .70% RH Standard BS EN/EN55015(Cls EN IEC 55014-1(Cl BS EN/EN55015(Cls EN IEC 55014-1(Cl BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 (Bellcore) ; 260.9K hr	EN/EN61347-2-13 inde 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2,GB17625.1 3 4 5 5 3 11	Test Level/Note Class C @load≥60% Class C @load≥60% Evel 3, 8KV air ; Level 2, 4KV contact Level 3, 8KV air ; Level 2, 4KV contact Level 2 1KV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods		
EMC	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CUF	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .70% RH Standard BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-1 [S EN/EN61000-4-1 [S EN/EN61000-4-1] [BS EN/EN6	EN/EN61347-2-13 inde 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 2 3 4 5 5 3 11 rs min. MIL-HDBK-2	Test Level/Note Class C @load≥60% Class C @load≥60% Evel 3, 8KV air ; Level 2, 4KV contact Level 3, 8KV air ; Level 2, 4KV contact Level 2 1KV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods		
	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to "DRIVING METHC	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CUF toned are measured at 230VAC input, rated cur DS OF LED MODULE".	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .14, IS15885(Part2/Sec .170% RH Standard BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN61000-3-2 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 (Bellcore); 260.9K hu 	EN/EN61347-2-13 inde 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 4 5 3 11 rs min. MIL-HDBK-2 apperature.	Test Level/Note Class C @load≥60% Class C @load≥60% Evel 3, 8KV air ; Level 2, 4KV contact Level 3, 8KV air ; Level 2, 4KV contact Level 2 1KV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods		
EMC OTHERS	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to 'DRIVING METHO 3. Ripple & noise are measured at 2	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CUF tioned are measured at 230VAC input, rated cur	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .14, IS15885(Part2/Sec .170% RH Standard BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN61000-3-2 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 (Bellcore); 260.9K hu 	EN/EN61347-2-13 inde 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 4 5 3 11 rs min. MIL-HDBK-2 apperature.	Test Level/Note Class C @load≥60% Class C @load≥60% Evel 3, 8KV air ; Level 2, 4KV contact Level 3, 8KV air ; Level 2, 4KV contact Level 2 1KV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods		
EMC OTHERS	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to "DRIVING METHC 3. Ripple & noise are measured at 22 4. Tolerance : includes set up toleran 5. De-raing may be needed under to	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CUF toned are measured at 230VAC input, rated cur DS OF LED MODULE". DMHz of bandwidth by using a 12" twisted pair-Ac, line regulation and load regulation.	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .70% RH Standard BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN61000-3-3 BS EN/EN61000-3-3 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 IS EN/EN61000-4-4 BS EN/EN61000-4-1 (Bellcore) ; 260.9K hi 	EN/EN61347-2-13 inde 13) ,EN60335-1 approve 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 4 5 5 3 11 rs min. MIL-HDBK-2 iperature. 47uf parallel capacitor. etails.	Test Level/Note Class C @load≥60% Class C @load≥60% Evel 3, 8KV air ; Level 2, 4KV contact Level 3, 8KV air ; Level 2, 4KV contact Level 2 1KV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods		
EMC OTHERS	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially mem 2. Please refer to "DRIVING METHC 3. Ripple & noise are measured at 21 4. Tolerance : includes set up toleran 5. De-rating may be needed under to 6. Length of set up time is measured 7. The driver is considered as a com	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CUF tioned are measured at 230VAC input, rated cur DS OF LED MODULE". MHz of bandwidth by using a 12° twisted pair- voe, line regulation and load regulation. w input voltages. Please refer to "STATIC CHAI at first cold start. Turning ON/OFF the driver m winput voltages. Please refer to "STATIC CHAI at first cold start. Turning ON/OFF the driver m	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .14, IS15885(Part2/Sec .170% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN61000-3-2 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-1 (Bellcore) ; 260.9K hi CT rent and 25°C of ambient terr vire terminated with a 0.1uf & RACTERISTIC" sections for d ay lead to increase of the set	EN/EN61347-2-13 inde 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 2 3 11 rs min. MIL-HDBK-2 apperature. 470f parallel capacitor. etails. up time. performance will be affected	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 1kV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods 217F (25°C)		
EMC OTHERS	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to "DRIVING METHC" 3. Ripple & noise are measured at 22 4. Tolerance : includes set up toleran 5. De-rating may be needed under to 2. Ripple & noise are measured at 24 5. Tolerance : considered as a com complete installation, the final equit	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CUF ioned are measured at 230VAC input, rated cur DS OF LED MODULE". 0MHz of bandwidth by using a 12" twisted pair-vc, line regulation and load regulation. w input voltages. Please refer to "STATIC CHAI at first cold start. Turning ON/OFF the driver m ponent that will be operated in combination with	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .14, IS15885(Part2/Sec .170% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN61000-3-2 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-1 (Bellcore) ; 260.9K hi CT rent and 25°C of ambient terr vire terminated with a 0.1uf & RACTERISTIC" sections for d ay lead to increase of the set	EN/EN61347-2-13 inde 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 4 5 5 3 11 rs min. MIL-HDBK-2 apperature. 47uf parallel capacitor. etails. up time. performance will be affected	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 1kV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods 217F (25°C)		
EMC	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 men 2. Please refer to "DRIVING METHC 3. Ripple & noise are measured at 21 4. Tolerance : includes set up toleran 5. De-rating may be needed under to 6. Length of set up time is measured 7. The diver is considered as a com complete installation, the final equi (as available on https://www.mean 8. This series meats the typical life equi (as available on https://www.mean 8. This series meats the typical life examples	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 1/P-O/P:3.75KVAC 1/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CUF tioned are measured at 230VAC input, rated cau DS OF LED MODULE". MHz of bandwidth by using a 12" twisted pair- ce, line regulation and load regulation. w input voltages. Please refer to "STATIC CHAI at first cold starl. Terping ON/OFF the driver m winput voltages. Please refer to "STATIC CHAI at first cold starl. Terping ON/OFF the driver m winput voltages. Please refer to "STATIC CHAI at first cold starl. Terping ON/OFF the driver m weight cont/Upload/PD/F/EM_statement_en.pdf) prent manufacturers must re-qualify EMC Direct well.com/Upload/PD/F/EM_statement_en.pdf)	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .170% RH Standard BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN55015(ClS EN IEC 55014-1(Cl BS EN/EN61000-3-2 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 (Bellcore); 260.9K hu rt rent and 25°C of ambient terr vire terminated with a 0.1uf & RACTERISTIC" sections for day lead to increase of the set yinal equipments. Since EMC tive on the complete installation ase, particularly (c) point (or T	EN/EN61347-2-13 inde 13) ,EN60335-1 approv SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 2 3 4 5 5 3 11 rs min. MIL-HDBK-2 11 rs min. MIL-HDBK-2 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 7 8 7 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7	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 70% residual volatge for 10 periods , 0% residual volatge for 0.5 periods , 40% residual volatge for 10 periods start of 10 periods . 17F (25°C) by the		
EMC	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 men 2. Please refer to 'DRIVING METHC 3. Ripple & noise are measured at 24 4. Tolerance : includes are up toleran 5. De-rating may be needed under lo 6. Length of set up time is measured 7. The driver is considered as a complete installation, the final equi (as available on https://www.meam 8. This series meets the typical life ev 9. Please refer to the warranty staten 10. RCM is on a voluntary basis. Not	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CUF tioned are measured at 230VAC input, rated cur DS OF LED MODULE". MHz of bandwidth by using a 12° twisted pair- ce, line regulation and load regulation. w input voltages. Please refer to "STATIC CHA at first cold start. Turning 0N/OFF the driver m ponent that will be operated in combination with pment manufacturers must re-qualify EMC Direc ell.com/Upde/DP/FW. Istatement_en.pdf) opectancy of 30000 hours of operation when Tic rent on MEAN WELL's website at http://www.ms	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .14, IS15885(Part2/Sec .170% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-1 [BS EN/EN61000-4-1 [S EN/EN61000-4-1] [BS EN/EN	EN/EN61347-2-13 inde 13) ,EN60335-1 approve SPR15) ,GB/T 17743, SPR 14-1) SPR 14-1) 2,GB17625.1 3 2 4 5 3 11 rs min. MIL-HDBK-2 11 rs min. MIL-HDBK-2 11 mperature. 47uf parallel capacitor. etails. up time. performance will be affected on again. MP, per DLC), is about 75	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 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods 217F (25°C) by the C or less.		
EMC	SAFETY STANDARDS Note.8 WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION Note.8 EMC EMISSION Note.8 EMC IMMUNITY EMC IMMUNITY INT	UL8750, CSA C22.2 No. 250.13-12, ENE EAC TP TC 004, GB19510.1, GB19510 I/P-O/P:3.75KVAC I/P-O/P:100M Ohms / 500VDC / 25°C Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-332 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CUF tioned are measured at 230VAC input, rated cur DS OF LED MODULE". MHz of bandwidth by using a 12° twisted pair- ce, line regulation and load regulation. w input voltages. Please refer to "STATIC CHA at first cold start. Turning 0N/OFF the driver m ponent that will be operated in combination with pment manufacturers must re-qualify EMC Direc ell.com/Upde/DP/FW. Istatement_en.pdf) opectancy of 30000 hours of operation when Tic rent on MEAN WELL's website at http://www.ms	C BS EN/EN61347-1, BS .14, IS15885(Part2/Sec .170% RH Standard BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN55015(CIS EN IEC 55014-1(CI BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-4 IS EN/EN61000-4-4 BS EN/EN61000-4-1 IS	EN/EN61347-2-13 inde 13) ,EN60335-1 approvi SPR15) ,GB/T 17743, SPR 14-1) SPR15) ,GB/T 17743, SPR 14-1) 2 ,GB17625.1 3 4 5 5 3 11 rs min. MIL-HDBK-2 apperature. 47uf parallel capacitor. etails. up time. performance will be affected on again. MP, per DLC), is about 75 ¹⁰ installations but recommend	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 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 10% residual volatge for 10 periods , 20% residual volatge for 10 periods , 17F (25°C)		

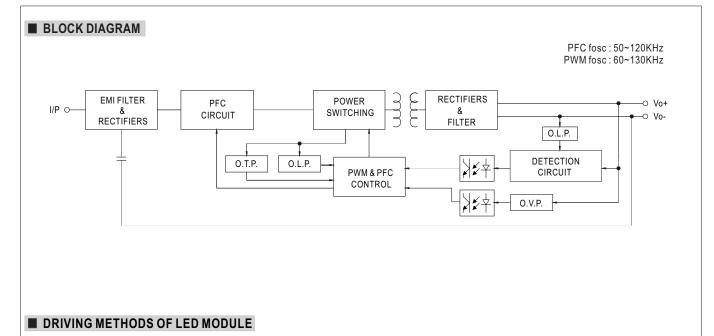


SPECIFICATION

MODEL		SLD-80-56					
	RATED CURRENT	1400mA					
ουτρυτ	RATED POWER Note.2	78.4W					
	CONSTANT CURRENT REGION Note.3						
	FULL POWER CURRENT RANGE						
	OPEN CIRCUIT VOLTAGE (max.)						
01901							
	CURRENT ADJ. RANGE	700~2100mA					
	CURRENT RIPPLE	5.0%(@rated current)					
	CURRENT TOLERANCE	±5%					
	SET UP TIME Note.5	500ms/230VAC, 1200ms/115VAC					
		110 ~ 305VAC 155VDC ~ 431VDC					
	VOLTAGE RANGE Note.2	(Please refer to "STATIC CHARACTERISTIC" and " DRIVING METHODS OF LED MODULE"section)					
	FREQUENCY RANGE	47 ~ 63Hz					
		PF≥0.97 / 115VAC, PF≥0.95 / 230VAC, PF≥0.92 / 277VAC at full load					
	POWER FACTOR (Typ.)	(Please refer to "Power Factor Characteristic" section)					
		THD<10% (@ load \geq 60% at 115VAC/230VAC ,@load \geq 75% at 277VAC)					
	TOTAL HARMONIC DISTORTION	THD<10% (@ load ≥ 60% at 115VAC/230VAC ,@load ≥ 75% at 277VAC) Please refer to "TOTAL HARMONIC DISTORTION (THD)" section					
INPUT							
	EFFICIENCY (Typ.)	92.0%					
	AC CURRENT (Typ.)	0.9A / 115VAC 0.45A / 230VAC 0.38A / 277VAC					
	INRUSH CURRENT(Typ.)	COLD START 50A(twidth=270µs measured at 50% Ipeak) at 230VAC; Per NEMA 410					
	MAX. NO. of PSUs on 16A	9 unit(circuit brocker of type P) / 16 unite	(airavit bracker of type C) at 220)/AC				
	CIRCUIT BREAKER	8 unit(circuit breaker of type B) / 16 units(circuit breaker of type C) at 230VAC					
	LEAKAGE CURRENT	<0.25mA / 277VAC					
	NO LOAD POWER CONSUMPTION	<0.5W					
		<0.5W 110~150%					
	OVER POWER	Hiccup mode, recovers automatically after	ar fault condition is removed				
		Hiccup mode, recovers automatically after Hiccup mode, recovers automatically after					
ROTECTION	SHORT CIRCUIT		er lauit condition is removed				
	OVER VOLTAGE	60 ~ 70V					
		Shut down output voltage, re-power on to					
	OVER TEMPERATURE	Shut down output voltage, re-power on to	recovery				
	WORKING TEMP.	Tcase=-20 ~ +90°C (Please refer to "OUT	PUT LOAD vs TEMPERATURE" section)				
	MAX. CASE TEMP.	Tcase=+90°C					
	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
INVIRONMENT	STORAGE TEMP.	-40 ~ +80℃					
		±0.03%/°C (0~60°C)					
	TEMP. COEFFICIENT						
	VIBRATION	10 ~ 500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes					
	SAFETY STANDARDS Note.4	UL8750, CSA C22.2 No. 250.13-12, ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384,					
		EAC TP TC 004, GB19510.1,GB19510.14, IS15885(Part2/Sec13) ,EN60335-1 approved					
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC					
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25 $^\circ$ C / 7	70% RH				
	EMC EMISSION Note.4	Parameter	Standard	Test Level/Note			
		Conducted	BS EN/EN55015(CISPR15), GB/T 17743,				
		Conducted	EN IEC 55014-1(CISPR 14-1)				
		Radiated	BS EN/EN55015(CISPR15), GB/T 17743,				
			EN IEC 55014-1(CISPR 14-1)				
		Harmonic Current	BS EN/EN61000-3-2 ,GB17625.1	Class C @load≥60%			
SAFETY &		Voltage Flicker	BS EN/EN61000-3-3				
EMC	EMC IMMUNITY	BS EN/EN61547 ,EN IEC 55014-2					
		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	70% residual volatge for 10 periods,			
				0% residual volatge for 0.5 periods , 40% residual volatge for 10 periods ,			
				70% residual volatge for 25 periods			
	MTBF	2666.8K hrs min. Telcordia SR-332 (B	ellcore); 260.9K hrs min. MIL-HDBK-2	• •			
OTHERS	DIMENSION	320*30*16.8mm (L*W*H)					
	PACKING	0.206 Kg; 64pcs / 14.184Kg / 0.75CUFT					
IOTE			urrent and 25°C of ambient temperature.				
NUTE	2. De-rating may be needed under	entioned are measured at 230VAC input, rated current and 25℃ of ambient temperature. Iow input voltages. Please refer to "STATIC CHARACTERISTIC" sections for details.					
	 Please refer to "DRIVING METH This series meets the typical life 		case, particularly (tc)point (or TMP, per DLC), is at	oout 75℃ or less.			
	5. Length of set up time is measure	d at first cold start. Turning ON/OFF the driver n	nay lead to increase of the set up time.				
	 o. The driver is considered as a con complete installation, the final equilation 	mponent that will be operated in combination with final equipment. Since EMC performance will be affected by the upment manufacturers must re-qualify EMC Directive on the complete installation again.					
		anwell.com//Upload/PDF/EMI_statement_en.pdf)					
			20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. ement on MEAN WELL's website at http://www.meanwell.com				
	7. Ripple & noise are measured at 2	20MHz of bandwidth by using a 12" twisted pair					
	 Ripple & noise are measured at 8. Please refer to the warranty state 9. The ambient temperature deratin 	20MHz of bandwidth by using a 12" twisted pair ement on MEAN WELL's website at http://www.n g of 3.5° C/1000m with fanless models and of 5°	neanwell.com C/1000m with fan models for operating altitude hig	her than 2000m(6500ft).			
	 Ripple & noise are measured at 8. Please refer to the warranty state The ambient temperature deratin RCM is on a voluntary basis. No 	20MHz of bandwidth by using a 12" twisted pair ement on MEAN WELL's website at http://www.n g of 3.5° C/1000m with fanless models and of 5°	neanwell.com	her than 2000m(6500ft).			

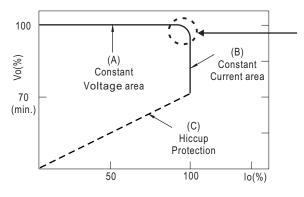


SLD-80 series



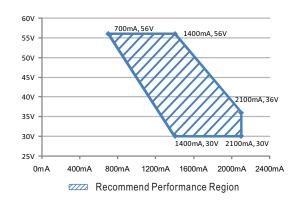
O SLD-80-12,24

% This series is able to work in either Constant Current mode (a direct drive way) or Constant Voltage mode (usually through additional DC/DC driver) to drive the LEDs.



Typical output current normalized by rated current (%)

SLD-80-56

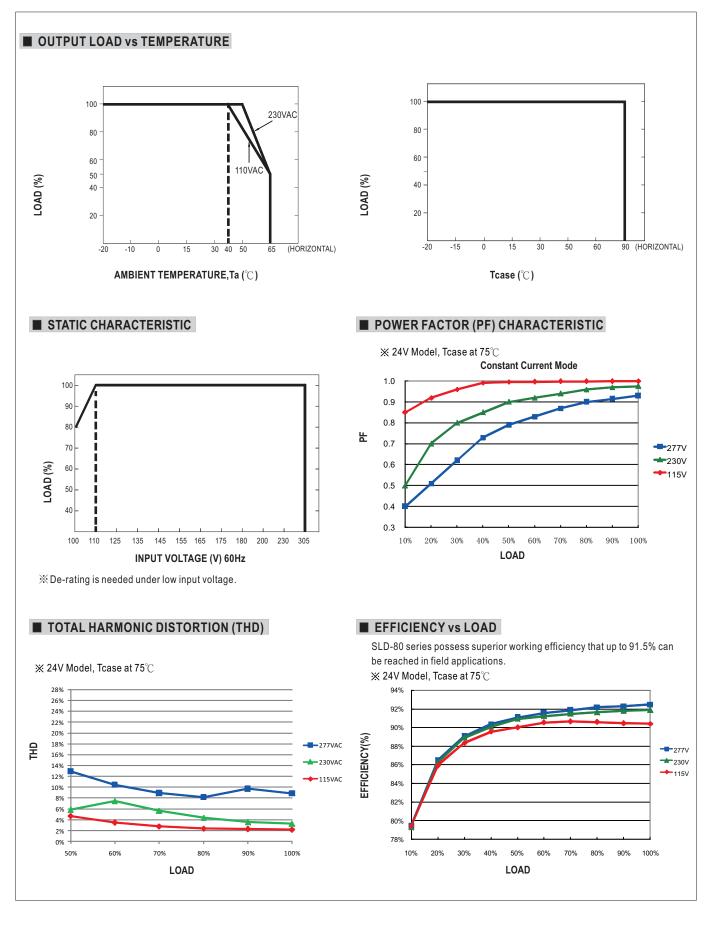


In the constant current region, the highest voltage at the output of the driver depends on the configuration of the end systems.

Should there be any compatibility issues, please contact MEAN WELL.



SLD-80 series





SLD-80 series



