


■ Features

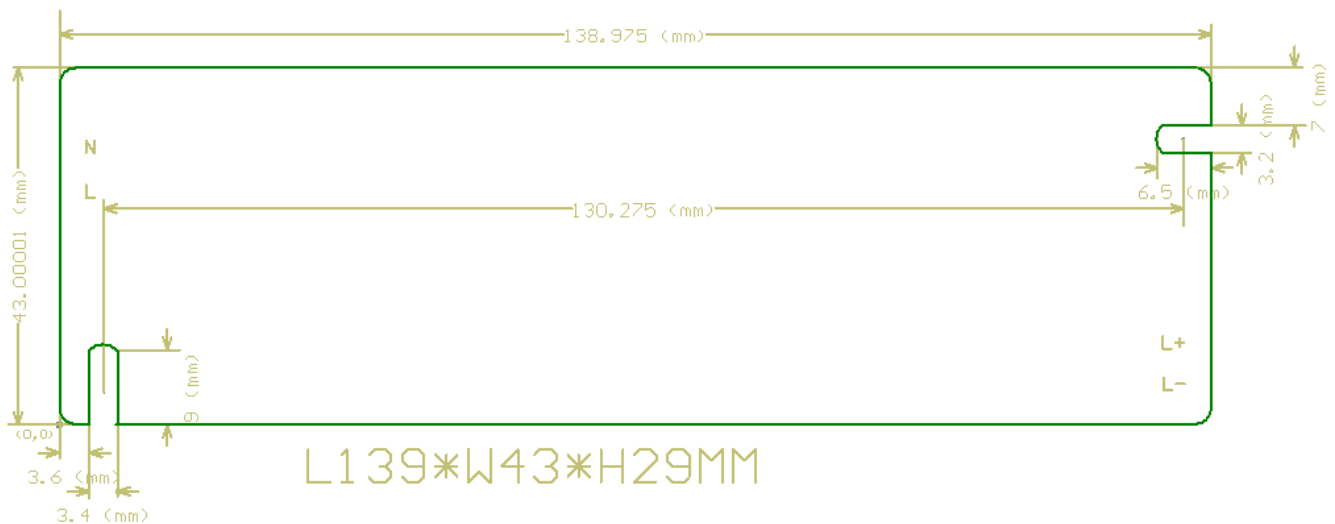
- Constant current output
- Isolated
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Fully isolated Plastic Glue housing,94-V0 terminal module type
- comply with EN61000-3-2
- Highreliability

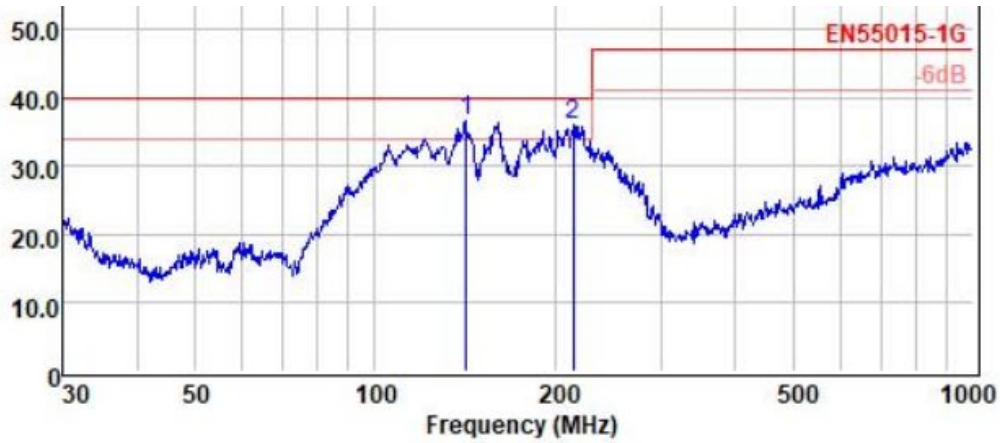
■ Applications

- Indoor LED lighting
- LED office lighting
- LED commercial lighting
- LED decorative lighting


SPECIFICATION

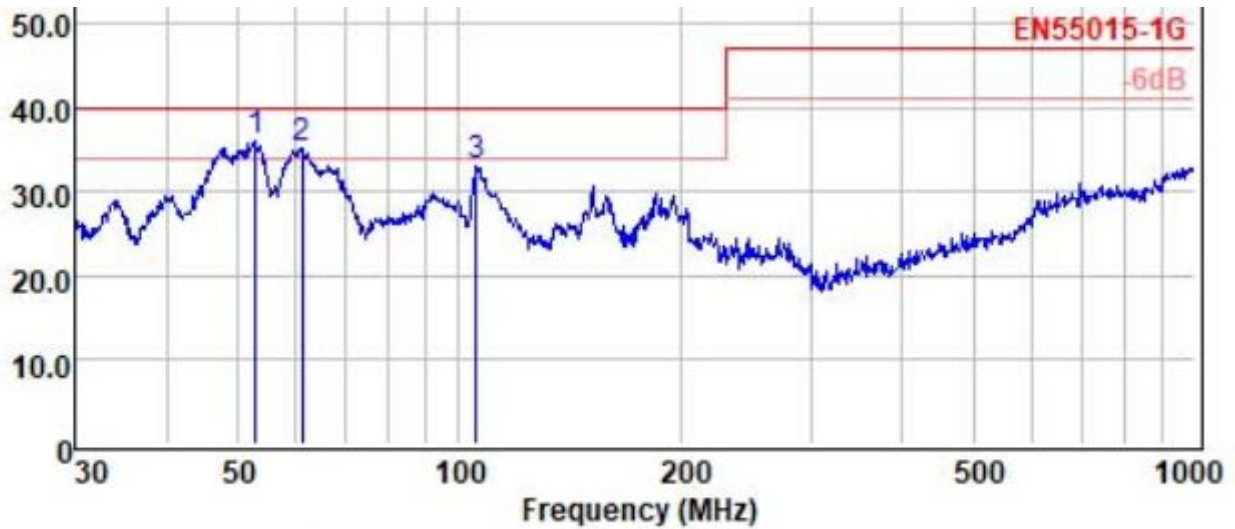
MODEL		LDNF1-40-950-R
OUTPUT	Output Voltage(DC)	24 ~ 42V
	Rated Current	0.95A
	Ripple Current	0.1%
	Max. Output Power	40W
INPUT	Voltage Range	220-240VAC
	Frequency Range	47 ~ 63Hz
	Power Factor (Typ.)	Typ 0.95
	THD	THD: 4% when output loading \geq 70% at AC/230VAC input
	Efficiency(Typ.)	88%
	Leakage Current	<0.5mA / 240VAC
PROTECTION	Short Circuit	recovers automatically after fault condition is removed.
	Over Temperature	
	Working Temperature	-40 ~ +50°C
	Working Humidity	20 ~ 95% RH non-condensing
SAFETY&EMC	Storage condition	-40 ~ +80°C, 10 ~ 95% RH
	Withstand Voltage	I/P-O/P:3.75KVAC
	Isolation	I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH
	EMC Emission	Compliance to EN55015,EN61000-3-2 Class C (Pin \geq 25W), Class C (>70% load); EN61000-3-3
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, EN61547, light industry level, criteria A
OTHERS	Dimension	125*40*27mm (L*W*H)
	Package	0.043Kg per unit, 20pcs per inner box, 100pcs per carton 4.3KG N.W, 5.3KG G.W Carton Dimension: 40.8x36x26CM 0.037CBM 3000pcs/pallet carton/pallet, Pallets Size:1.2*1.2*1.4M
NOTE	All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.	

■ Mechanical Specification




Site : 966 Chamber
 Condition: EN55015-1G 3m 3142D HORIZONTAL
 EUT : LED DRIVER
 Model : LDNF1-40-950 1#
 Input : AC 230V/50Hz
 Test by : Jacob Ouyang
 Comment : Temp:24.8'C Humi:56% Press:101.52kPa
 Test Mode: Lighting
 Remark : C822PF

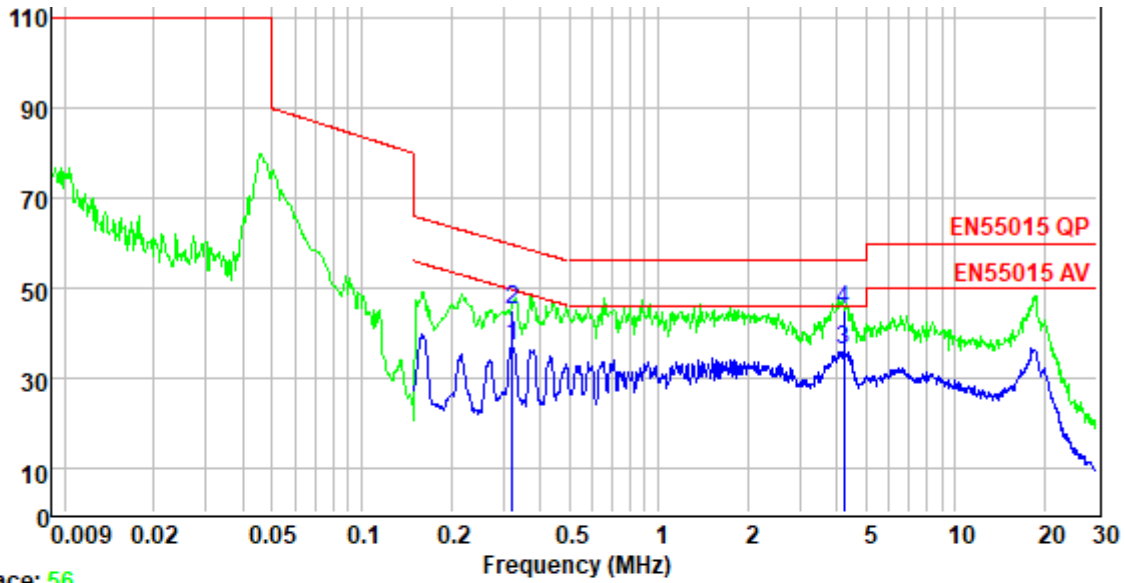
	ReadAntenna	Cable	Limit	Over			
Freq	Level	Factor	Loss	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB	
1 !	141.83	27.35	8.40	0.82	36.57	40.00	-3.43 Peak
2 !	214.51	23.21	11.90	0.91	36.02	40.00	-3.98 Peak



```

Site      : 966 Chamber
Condition: EN55015-1G 3m 3142D VERTICAL
EUT       : LED DRIVER
Model     : LDNF1-40-950 1#
Input     : AC 230V/50Hz
Test by   : Jacob Ouyang
Comment   : Temp:24.8'C Humi:56% Press:101.52kPa
Test Mode: Lighting
Remark    : C822PF
    
```

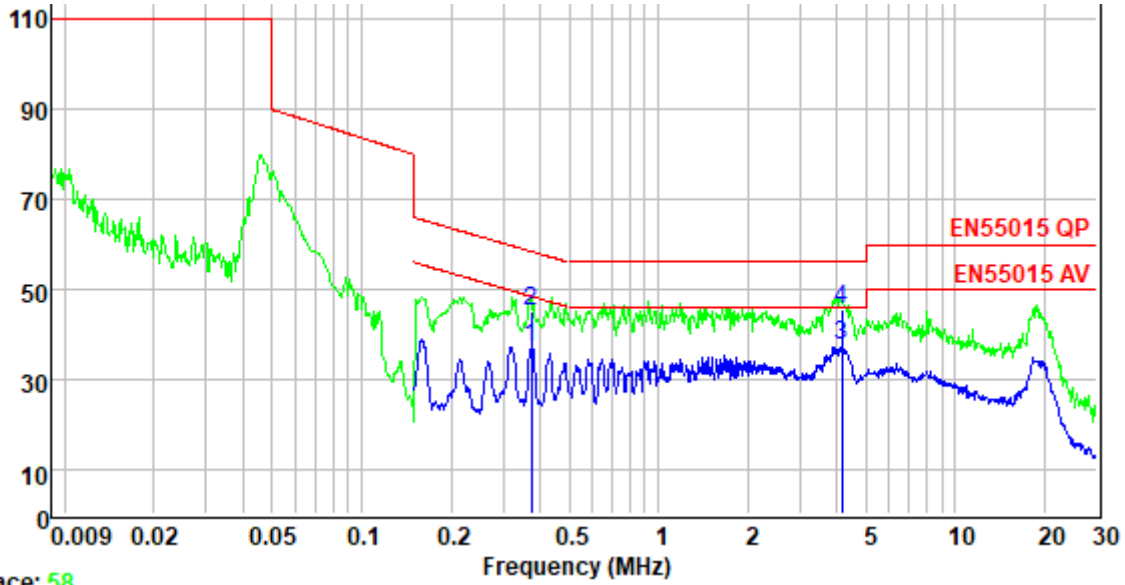
	ReadAntenna	Cable	Limit	Over			
Freq	Level	Factor	Loss	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB	
1 !	52.95	27.28	8.36	0.28	35.92	40.00	-4.08 Peak
2 !	61.13	27.47	7.32	0.30	35.09	40.00	-4.91 Peak
3	105.27	22.73	9.44	0.77	32.94	40.00	-7.06 Peak



Trace: 56

Site : 944 Shielded Room
 Condition : EN55015 QP LINE
 EUT : LED DRIVER
 POWER : AC 230V/50Hz
 M/N : LDNF1-40-950 1#
 Test Engineer: Belle
 Comment : Temp:24.9';Humi:56%;Press;101.52kPa
 Test Mode : Lighting

	Freq	Level	Limit	Over	Remark
	MHz	dBuV	dBuV	dB	
1	0.32	36.90	49.62	-12.72	Average
2	0.32	45.23	59.62	-14.39	QP
3	4.20	36.07	46.00	-9.93	Average
4	4.20	44.85	56.00	-11.15	QP



Trace: 58

Site : 944 Shielded Room
 Condition : EN55015 QP NEUTRAL
 EUT : LED DRIVER
 POWER : AC 230V/50Hz
 M/N : LDNF1-40-950 1#
 Test Engineer: Belle
 Comment : Temp:24.9';Humi:56%;Press;101.52kPa
 Test Mode : Lighting

	Freq	Level	Limit	Over	Remark
	MHz	dBuV	Line	Limit	dB
1	0.37	36.94	48.43	-11.49	Average
2	0.37	44.85	58.43	-13.58	QP
3	4.16	37.51	46.00	-8.49	Average
4	4.16	45.69	56.00	-10.31	QP