
■ Features

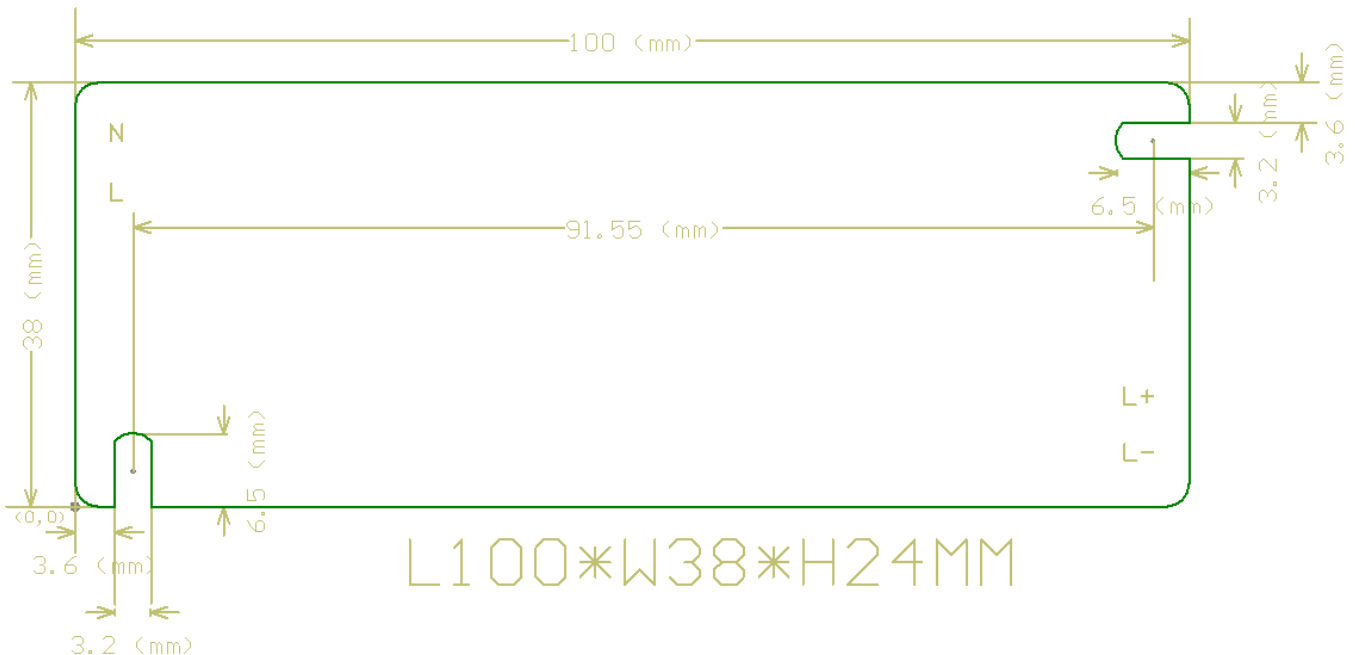
- Constant current output
- Isolated, Three output current optional
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Fully isolated Plastic Glue housing, 94-V0 terminal module type
- comply with EN61000-3-2
- Highreliability; With passive power factor correction circuit

■ Applications

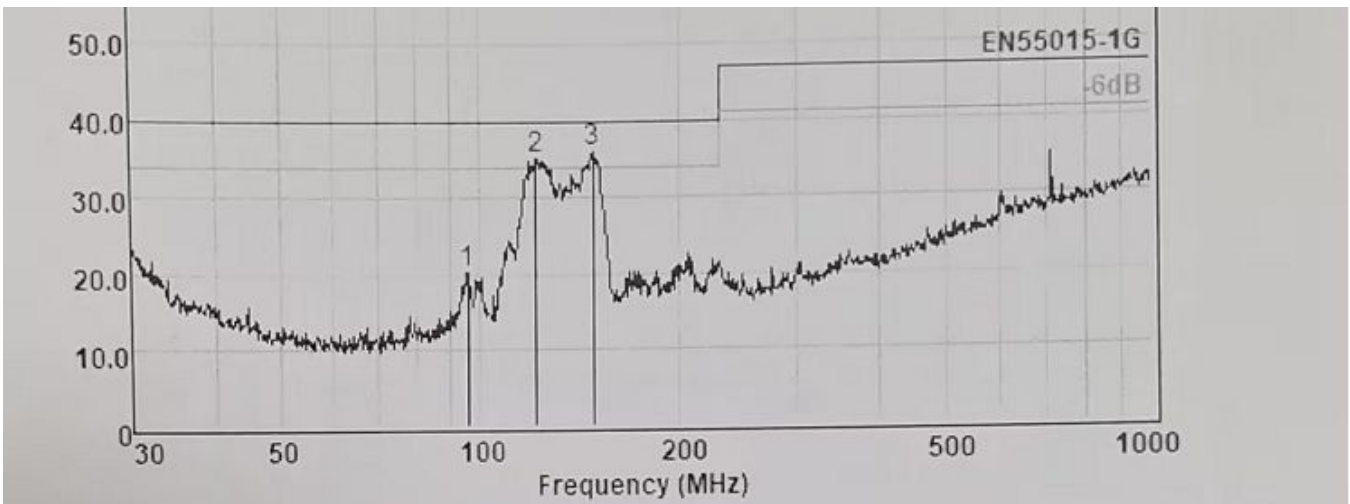
- Indoor LED lighting
- LED office lighting
- LED commercial lighting
- LED decorative lighting


SPECIFICATION

MODEL	LDNF-7-500-R		
OUTPUT	Output Voltage(DC)	6 ~ 14V	
	Switch selection	1:ON 2:ON	1:ON 2:OFF
	Rated Current	0.5A	0.35A
	Max. Output Power	7W	
INPUT	Voltage Range	220-240VAC 0.1A	
	Frequency Range	47 ~ 63Hz	
	Power Factor (Typ.)	Typ 0.8	
	Efficiency(Typ.)	82%	
	Leakage Current	<0.5mA / 240VAC	
	Short Circuit	recovers automatically after fault condition is removed.	
	Working Temperature	-40 ~ +50°C	
	Working Humidity	20 ~ 95% RH non-condensing	
	Storage condition	-40 ~ +80°C, 10 ~ 95% RH	
	Withstand Voltage	I/P-O/P:3.75KVAC	
SAFETY&MC	Isolation	I/P-O/P:100M Ohms / 500VDC / 25°C/ 70% RH	
	EMC Emission	Compliance to EN55015, EN61000-3-2 Class C (Pin ≥ 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	100*38*24mm (L*W*H)	
	Package	0.053Kg per unit, 20pcs per inner box, 100pcs per carton 5.3KG N.W, 6.3KG G.W Carton Dimension: 40.8x36x26CM 0.037CBM 3000pcs/pallet 30 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.		

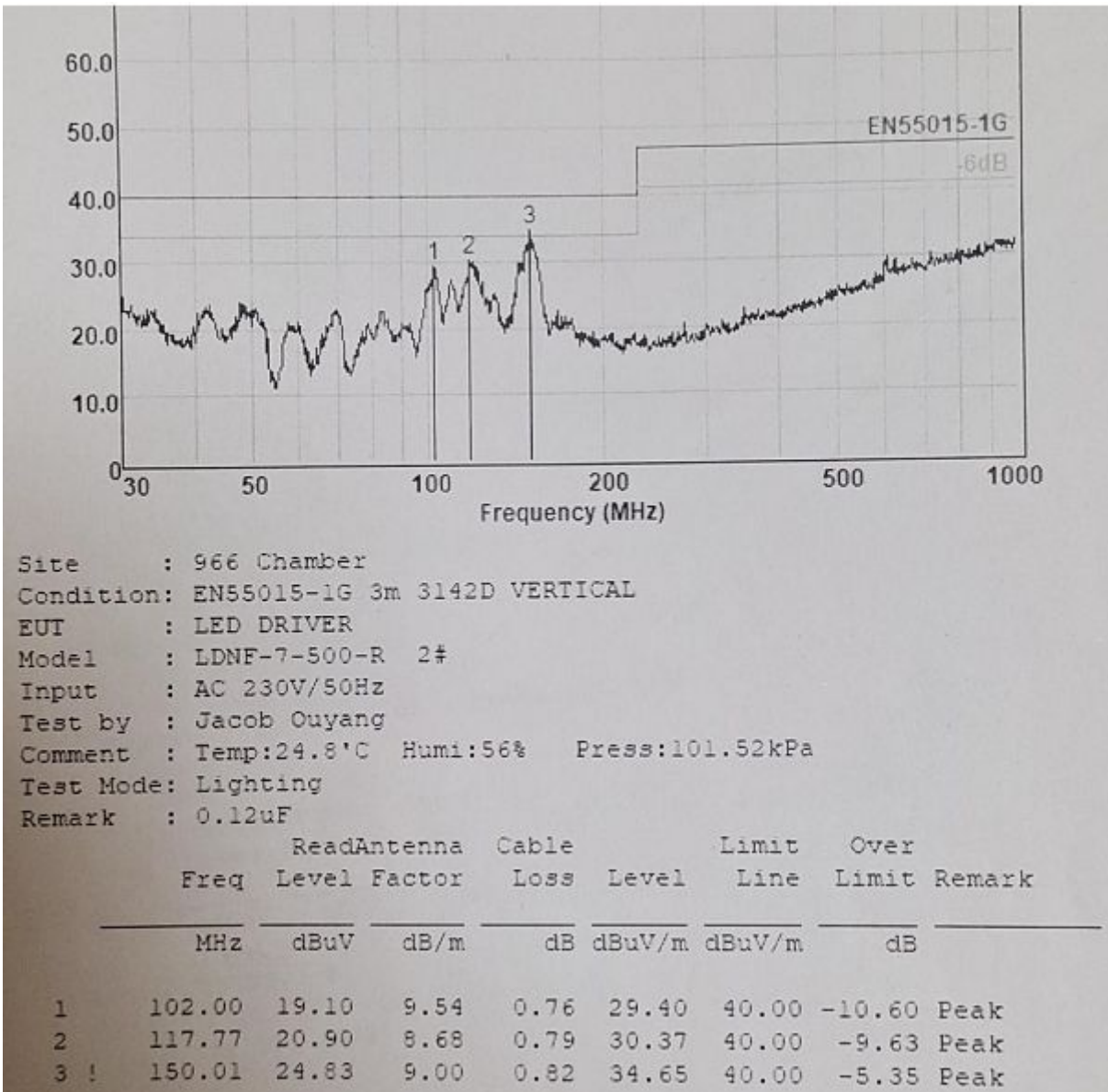
■ Mechanical Specification


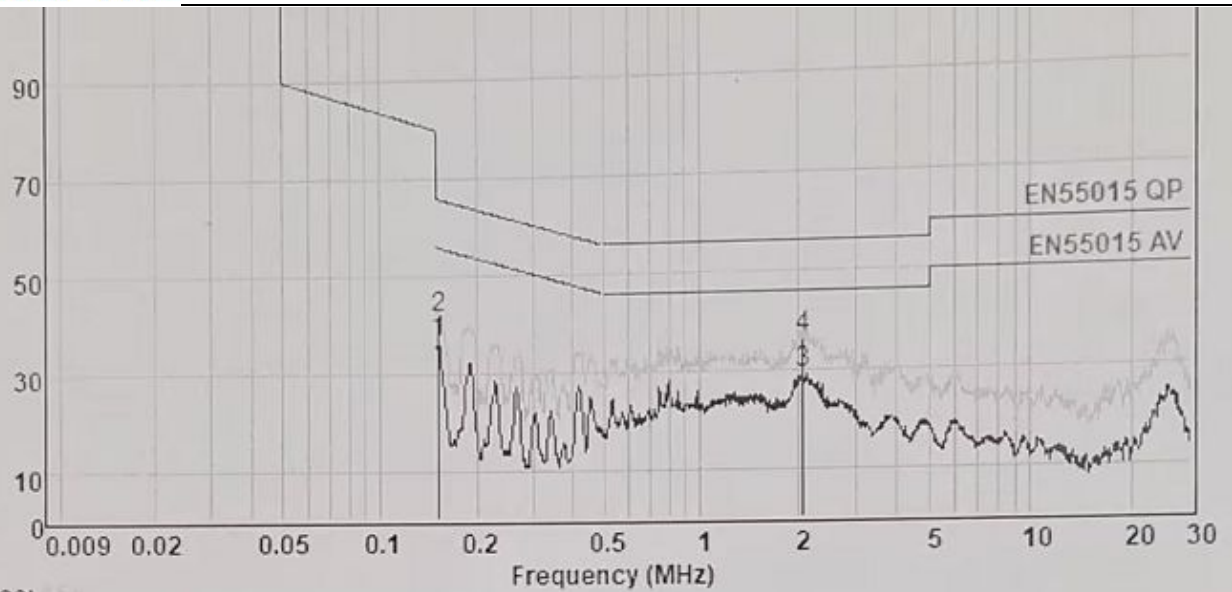




Site : 966 Chamber
 Condition: EN55015-1G 3m 3142D HORIZONTAL
 EUT : LED DRIVER
 Model : LDNF-7-500-R 2#
 Input : AC 230V/50Hz
 Test by : Jacob Ouyang
 Comment : Temp:24.8'C Humi:56% Press:101.52kPa
 Test Mode: Lighting
 Remark : 0.12uF

	Freq	ReadAntenna	Cable	Limit	Over		
	MHz	Level	Factor	Loss	Level	Line	Limit
	MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB
1	95.76	9.86	9.60	0.74	20.20	40.00	-19.80 Peak
2 !	121.55	25.89	8.50	0.79	35.18	40.00	-4.82 Peak
3 !	148.44	26.60	8.70	0.82	36.12	40.00	-3.88 Peak

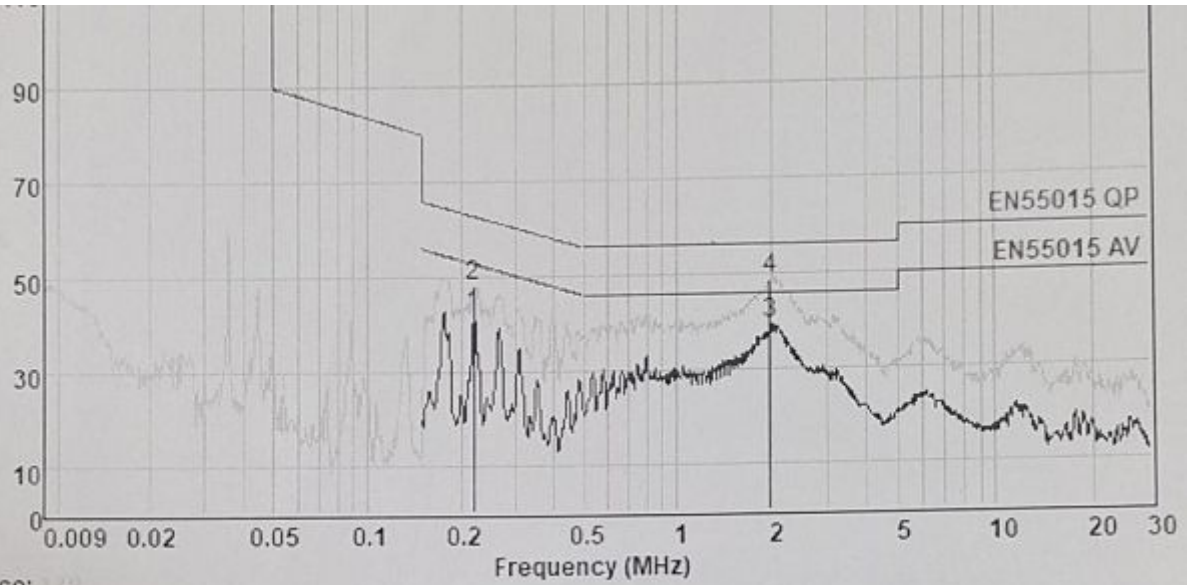




Trace: 58

Site : 944 Shielded Room
 Condition : EN55015 QP NEUTRAL
 EUT : LED DRIVER
 POWER : AC 230V/50Hz
 M/N : LDNF-7-500-R 3#
 Test Engineer: Belle
 Comment : Temp:24.9';Humi:56%;Press;101.52kPa
 Test Mode : Lighting
 : 500mA

	Freq	Level	Limit	Over	Remark
	MHz	dBuV	Line	Limit	dB
1	0.15	36.40	55.87	-19.47	Average
2	0.15	41.52	65.87	-24.35	QP
3	2.08	29.05	46.00	-16.95	Average
4	2.08	36.11	56.00	-19.89	QP



Trace: 1/2

Site : 944 Shielded Room
 Condition : EN55015 QP NEUTRAL
 EUT : LED DRIVER
 POWER : AC 230V/50Hz
 M/N : LDNF-7-500-R 9#
 Test Engineer: Belle
 Comment : Temp:24.9';Humi:56%;Press;101.52kPa
 Test Mode : Lighting
 : 500mA
 : CBB 0.1uF
 : 接地

	Freq	Level	Limit	Over	Remark
	MHz	dBuV	dBuV	dB	
1	0.22	41.75	52.79	-11.04	Average
2	0.22	47.98	62.79	-14.81	QP
3	1.98	39.18	46.00	-6.82	Average
4	1.98	48.69	56.00	-7.31	QP