



■ 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

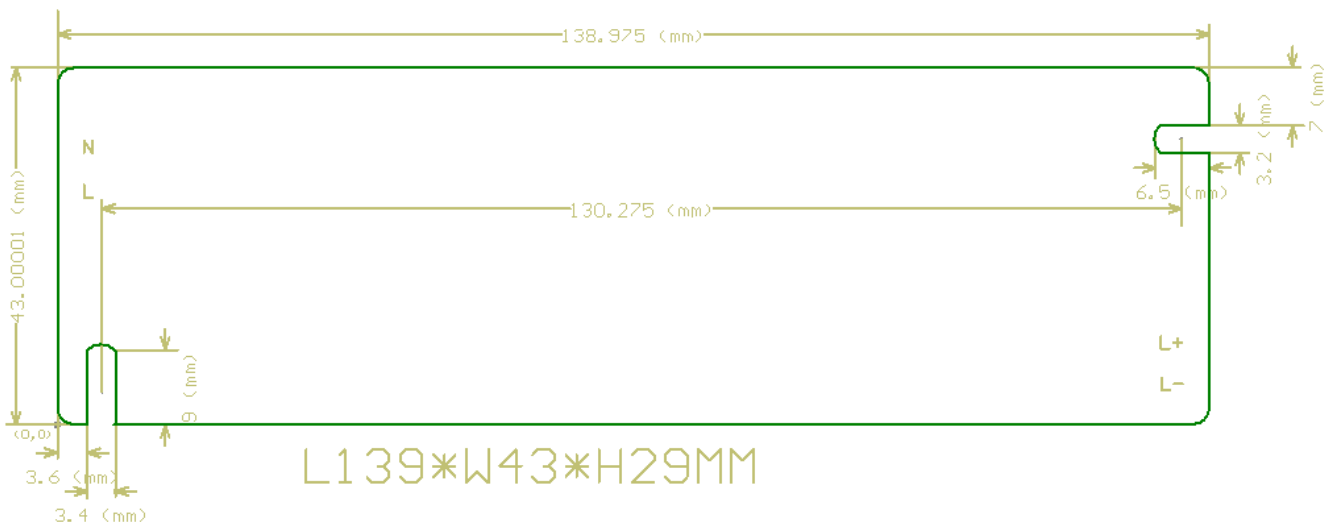
- Indoor LED lighting
- LED office lighting
- LED commercial lighting
- LED decorative lighting

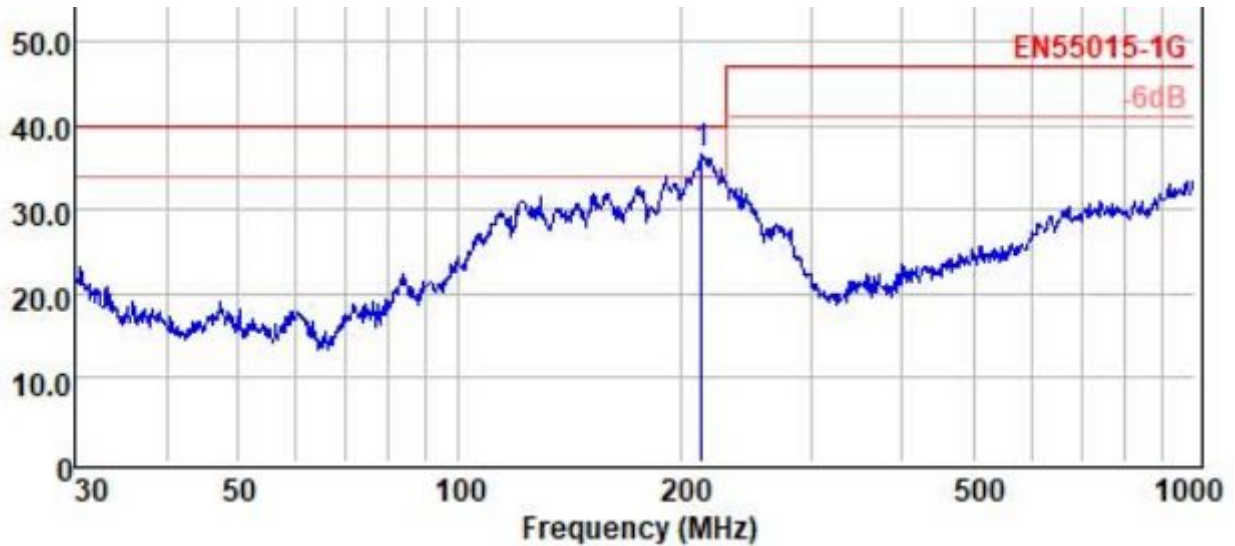


SPECIFICATION

MODEL		LDNF1-30-700-R
OUTPUT	Output Voltage(DC)	24 ~ 42V
	Rated Current	0.7A
	Ripple Current	0.1%
	Max. Output Power	30W
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.)	87%
	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.	

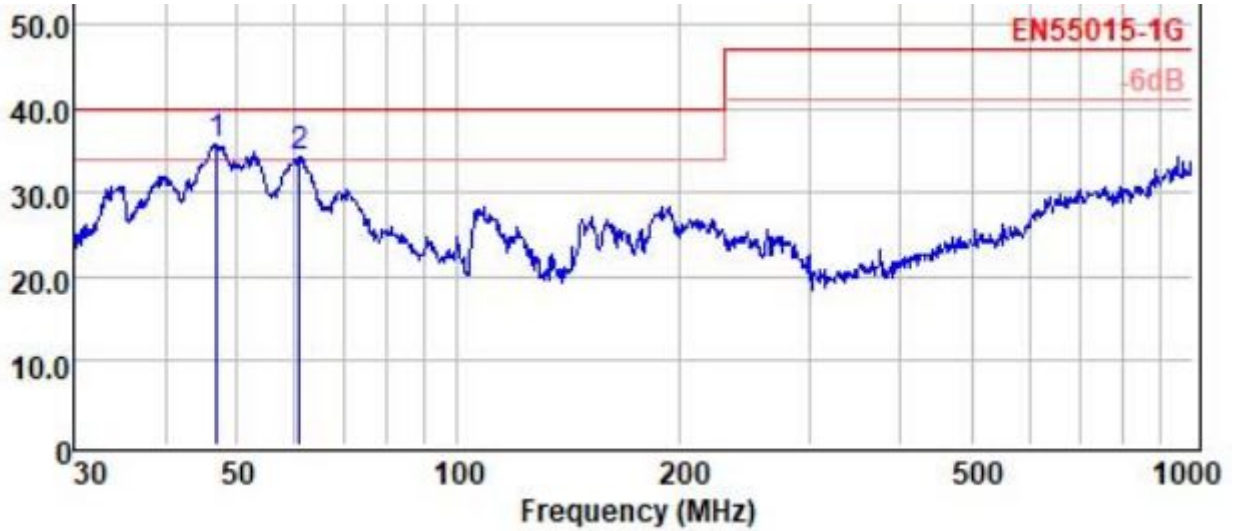
■ Mechanical Specification





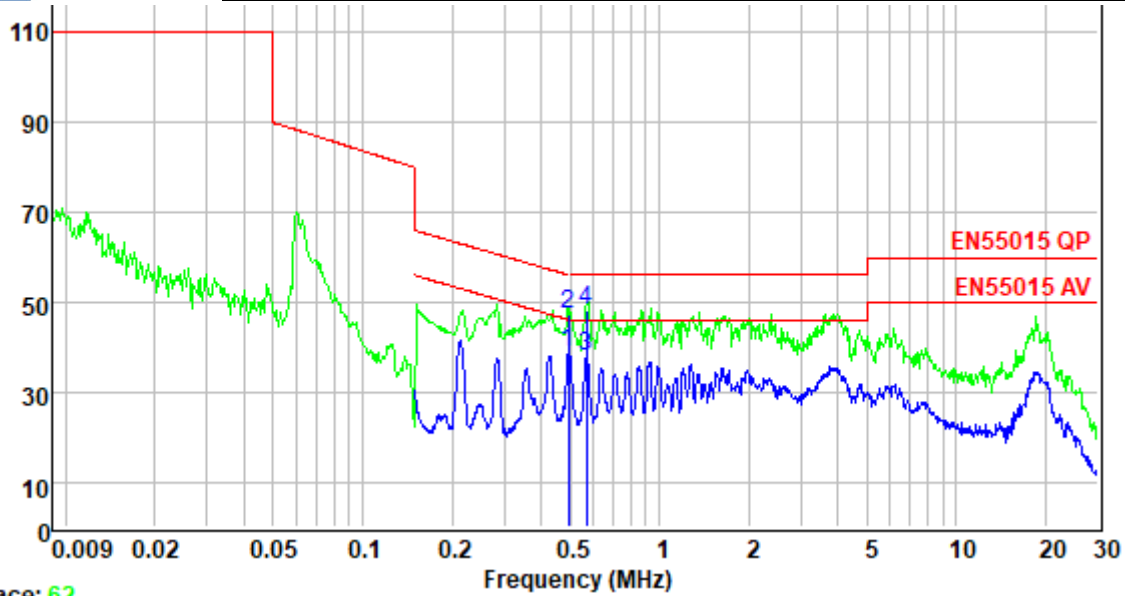
Site : 966 Chamber
 Condition: EN55015-1G 3m 3142D HORIZONTAL
 EUT : LED DRIVER
 Model : LDNF1-30-700 1#
 Input : AC 230V/50Hz
 Test by : Jacob Ouyang
 Comment : Temp:24.8'C Humi:56% Press:101.52kPa
 Test Mode: Lighting
 Remark : 去掉C4

	Read	Antenna	Cable	Limit	Over		
Freq	Level	Factor	Loss	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB	
1 !	213.76	24.22	11.60	0.90	36.72	40.00	-3.28 Peak



Site : 966 Chamber
 Condition: EN55015-1G 3m 3142D VERTICAL
 EUT : LED DRIVER
 Model : LDNF1-30-700 1#
 Input : AC 230V/50Hz
 Test by : Jacob Ouyang
 Comment : Temp:24.8'C Humi:56% Press:101.52kPa
 Test Mode: Lighting
 Remark : 去掉C4

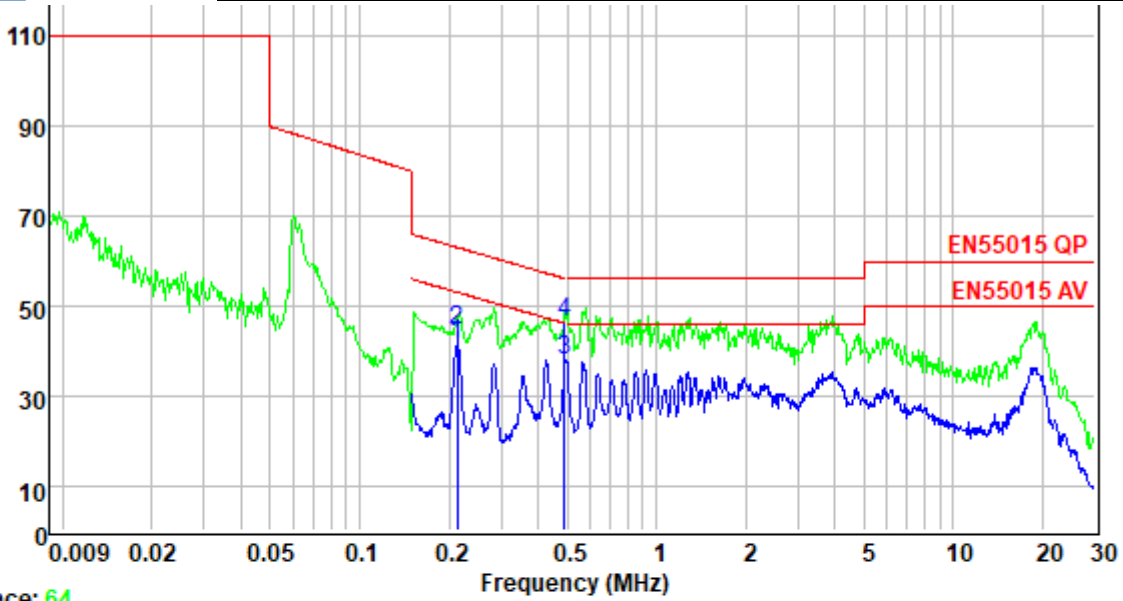
	Freq	ReadAntenna	Cable	Limit	Over		
	MHz	Level	Factor	Loss	Level	Line	Limit
	MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB
1 !	46.99	25.37	10.03	0.27	35.67	40.00	-4.33 Peak
2 !	60.92	26.53	7.32	0.30	34.15	40.00	-5.85 Peak



Trace: 62

Site : 944 Shielded Room
 Condition : EN55015 QP NEUTRAL
 EUT : LED DRIVER
 POWER : AC 230V/50Hz
 M/N : LDNF1-30-700 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	0.49	38.68	46.10	-7.42	Average
2	0.49	47.21	56.10	-8.89	QP
3	0.57	37.95	46.00	-8.05	Average
4	0.57	48.21	56.00	-7.79	QP



Trace: 64

Site : 944 Shielded Room
 Condition : EN55015 QP LINE
 EUT : LED DRIVER
 POWER : AC 230V/50Hz
 M/N : LDNF1-30-700 1#
 Test Engineer: Belle
 Comment : Temp:24.9';Humi:56%;Press;101.52kPa
 Test Mode : Lighting

	Limit	Over		
Freq	Level	Line	Limit	Remark
MHz	dBuV	dBuV	dB	
1	0.21	41.42	53.05	-11.63 Average
2	0.21	44.58	63.05	-18.47 QP
3	0.49	38.05	46.14	-8.09 Average
4	0.49	46.58	56.14	-9.56 QP