

1. non flicker
2. THD : 9%
3. efficiency : 89%
4. ripple current : 0.8%
5. PF : 0.96


Features

- Constant current output
- Isolated
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Fully isolated plastic case with terminal block style of I/O
- Built-in active PFC function, comply with EN61000-3-2
- High reliability

Applications

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


SPECIFICATION

MODEL		LDNF2-20-500-R
OUTPUT	Voltage Range @ CC	28 ~ 40V
	Constant Current	0.5A
	Ripple Current	0.8%
	Max. Output Power	20W
INPUT	Voltage Range	220-240VAC
	Frequency Range	47 ~ 63Hz
	Power Factor (Typ.)	Typ 0.96
	THD	THD: 9% @Full Load 230VAC
	Efficiency(Typ.)	89%@Full Load
	Leakage Current	<0.25mA / 240VAC
PROTECTION	Short Circuit	recovers automatically after fault condition is removed.
	Over Temperature	Shut down o/p voltage, re-power on to recover
	Working Temperature	-20 ~ +50°C
	Working Humidity	20 ~ 95% RH non-condensing
	Storage condition	-40 ~ +80°C, 10 ~ 95% RH
	Surge Protection	3KV
SAFETY&EMC	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 ≧ 25W), Class D (>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	88.5*40*24.5mm (L*W*H)
	Package	0.06Kg per unit, 66pcs per inner box, 330pcs per carton 19.8KG N.W, 21.7KG G.W Carton Size: 44.3x30.3x32.3CM 0.05CBM 7920pcs/Pallet 24carton/pallet, Pallets Size:1.0*1.0*1.36M
NOTE	All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.	

Mechanical Specification
