



LND100 5.2W - 12W

Flicker-free Indoor Non Dim LED driver.

PRODUCT FEATURES

- 5.2 Watts - 12 Watts
- Optical flicker %, <3%
- High Power Factor (>0.90)
- MTBF >100K hours
- IP20

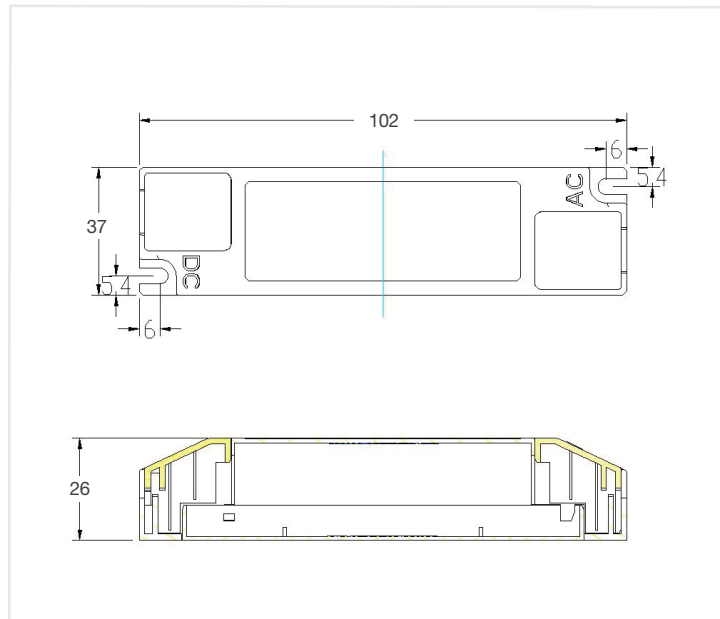
APPLICATION

- For linear, track light, down light and custom made lighting for indoor retail and hospitality applications

FUNCTIONS

- Overload protection
- Short-circuit protection
- No-load protection
- Hot-pluggable

DIMENSIONS (MM)





DETAILS SPECIFICATIONS

Input	Rated supply Voltage	220 - 260 Vac
	Input voltage AC	180 - 264 Vac
	Input Current	0.03A / 0.08A @200Vac
	Inrush current	1.5A 344uS @ 230V/50Hz
	Leakage Current	<0.28 mA @230Vac Full Load
	Input No Load Power	<0.5 W
	THD (at 230V, 50Hz)	<15%
	Power factor	>0.90 @ 230Vac Full Load
	Mains frequency	50Hz/60Hz
Output	LED Output Power	3.9W - 5.2W / 9W - 12W
	Output Voltage	30V - 40V
	Current Range	150mA / 300mA
	Tolerance	+/- 5%
	Ripple	<3%
	Optical flicker %	<3%
	Efficiency	85%
	Turn On Time	<1s
	Protection	Over Load Protection
Over Temperature Protection		Yes
Short circuit Protection		Yes
Self Recover after Protection		Yes

Standard & Certifications	Safety	EN 55015
		EN 61547
		EN 61000-3-2
EN 61000-3-3		
EN 61347-1, EN 61347-2-13		
EMC	EMC	CISPR15
	RoHS	Yes
Dimension	Weight	~60g
	L x W x H	L102*W37*H26mm
Environment	Ambient Temperature	-20°C - +50°C
	Working Humidity	0% - 95%
	Storage Temp/Humidity	-20°C ~ +85°C, 0 ~ 85% RH
Lifetime	>50,000 hours at Tc, 80°C	
Warranty Period	3 years	

MAXIMUM LOADING OF CIRCUIT BREAKERS

Automatic Circuit Breaker Type	B10	B13	B16	C10	C13	C16
Amount of LED drives	27	35	43	40	52	64

MODEL DATA

Type	Rated Power	Output Forward Voltage Ranges	Output Current Ranges	Output Power Ranges
LND100 12W 30-40V 30CC	15W	30 - 40V	300mA	9W - 12W
LND100 5.2W 30-40V 13CC	6.2W	30 - 40V	130mA	3.9W - 5.2W

Current Ripple	Optical Flicker %	Max. Tc, Case Temperature	Dimming Options
<3%	<3%	80°C	Non Dim
<3%	<3%	80°C	Non Dim

LND100 12W 30CC

ORDERING MATRIX CHART

Type	Part number	Unit/carton	Dimension/carton	Weight/carton
LND100 12W 30-40V 30CC	LND100M0V3040CC30	50	32 x 28 x 18 CM	3.2 kg
LND100 5.2W 30-40V 13CC	LND100M0V3040CC13	50	32 x 28 x 18 CM	3.2 kg

example: LND100M0V3040CC30.50