LND140 20W 50CC

Flicker-free Indoor Non Dim LED driver.

PRODUCT FEATURES

- 20 Watts
- Optical flicker %, <3%
- High Power factor (>0.90)
- MTBF >100K hours
- IP20

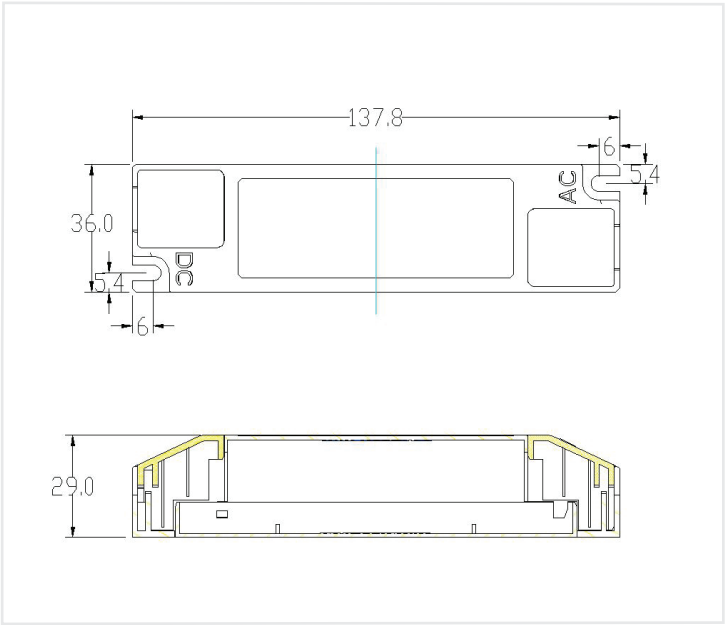
FUNCTIONS

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

APPLICATION

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

DIMENSIONS (MM)



KROBOX

DETAILS SPECIFICATIONS

Input	Rated supply Voltage	220-260 Vac
	Input voltage AC	180 - 264 Vac
	Input Current	0.12A @200Vac
	Inrush current	2.0A 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	15W - 20W
	Output Voltage	30V - 40V
	Current Range	500mA
	Tolerance	+/- 5%
	Ripple	<3%
	Optical flicker %	<3%
	Efficiency	88%
	Turn On Time	<1s
Protection	Over Load Protection	Yes
	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	CISPR15
	RoHS	Yes
Dimension	Weight	~100g
	L x W x H	L138*W36*H29mm
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	20	26	32	30	39	48

MODEL DATA

Type	Rated Power	Output Forward Voltage Ranges	Output Current Ranges	Output Power Ranges
LND140 20W 30-40V 50CC	23W	30 - 40V	500mA	15W - 20W

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

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ORDERING MATRIX CHART

Type	Part number	Unit/carton	Dimension/carton	Weight/carton
LND140 20W 30-40V 50CC	LND140M0V3040CC50	50	32 x 28 x 18 CM	5.2 kg

example: LND140M0V3040CC50.50