Features

• Universal AC Input

Constant Voltage / Constant Current Operation CE and UL Certified Class I LED Driver

LED DRIVER

- **Active Power Factor Correction**
- IP67 Design for Indoor and Outdoor Use
- Cooling by Free Air Convection

Selection Guide

Part	CV M	ode	CC N	Efficiency	
Number	Constant Voltage	Current Range	DC Voltage Range	Constant Current	(230VAC)
	(V)	(A)	(V)	(A)	(%)
RACD100-12	12	0-8.3	9-12	8.3	88
RACD100-24	24	0-4.2	14-24	4.2	90
RACD100-36	36	0-2.8	26-36	2.8	90
RACD100-48	48	0-2.1	34-48	2.1	91

LIGHTLINE AC/DC-Converter with 5 year Warranty



100 Watt Single Output



GreenChip E340696 UL 8750 Certified EN 61347 Certified **RACD100**

Note:

All LED Drivers may not be used without a load. They must be switched on the primary side only. Noncompliance may damage the LED or reduce its lifetime.

Refer to Application Notes

LIGHTLINE AC/DC-Converter

RACD100 Series

Specifications

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Dimension		222*68*39mm
Weight		1020g
MTBF	using MIL-HDBK-217F (25°C)	250 x 10 ³ hours
Design Lifetime		70 x 10 ³ hours

The use of a circuit breaker with C-characteristic is recommended.

Derating Curves





Typical Characteristics

Constant Voltage / Constant Current Curve



Maximum Number of LED drivers per circuit breakers

Condition	Circuit Breaker	Circuit Breaker Current			
	Тур	10A	16A	20A	25A
115VAC, 10hm 90° phase angle	С	7	12	14	18
	P		10	10	
230VAC, 10hm	В	6	10	12	14
90° phase angle	С	13	22	24	31
277VAC, 10hm	В	7	11	14	17
90° phase angle	С	15	25	29	36

Package Style and Pinning



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