



15W Constant Current LED Driver PDA015A-350C Power Supply for Indoor Lighting



Features

- RoHS Compliant
- IP20 Rated
- Constant Current
- Brownout/Brownout Recovery
- Limited Power Source
- OVP, OCP, Short/Open Circuit Protection
- Power Factor Correction
- Wide Temperature Range

Applications

- Indoor Lighting
- Architectural Lighting

Safety Approvals

- CE
- CCC
- C-Tick
- TUV
- CQC
- SAA

Mechanical Characteristics

- Length: 132mm (5.2in)
- Width: 40mm (1.6in)
- Height: 21mm (0.8in)
- Weight: 120g (4.2oz)

Output Specifications

Model	DC Output Voltage Range			Output Current Range			Max Power
	Min.	Typ.	Max.	Min.	Typ.	Max.	
PDA015A-350C	17.5V	-	42V	300mA	350mA	400mA	16.8W

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INPUT:

AC Input Voltage
211 to 264VAC

Nominal AC Input Voltage
220 to 240VAC

Leakage Current
0.5mA maximum

Maximum Input Current
≤0.3A at 230VAC

AC Inrush Current
≤30A at 230VAC, full load

OUTPUT:
Total Output Power
16.8W maximum

Efficiency
77% minimum

Power Factor
≥0.9 at full load, nominal AC input

Ripple
<1A

ENVIRONMENTAL:

Operating Temperature -20 to +50°C
Storage Temperature -40 to +85°C

Operating Humidity 10 to 95%
Storage Humidity 05 to 95%

Warranty
3 Years

Lifetime
20K hours minimum

EMC

EN55015, FCC 47 Part 18, EN55022 Class B

Immunity

IEC61000-4-2
IEC61000-4-5
IEC61000-3-2 Class C
IEC61000-3-3

Isolation Test

Primary to secondary: 3950VAC for 1 minute, 10mA

Insulation Resistance

Primary to secondary: >5M OHM 500VDC, 1 minute

FEATURES:

Input Current Protection

The input power line is fused with a 1.6A fuse

Short Circuit

Driver will withstand short circuit across outputs without damage

Output Overvoltage Protection

Output is protected (latched) from over voltage

Open Circuit Protection

If circuit is open, output will not be damaged at nominal AC input conditions

Input / Output Connection

2-pin terminal block

Input / Output Wires (Solid or Stranded)

Position	Terminal Color	Specification
Line	Brown	AWG16~18
Neutral	Blue	AWG16~18
Vout+	Red	AWG16~18
Vout-	Black	AWG16~18

Ingression Protection

IP20

Dimension Diagram Unit:mm

