

PSU-IIR-100 Power supply, 100-240VAC/24VDC, 4.17A



- Constant Voltage design for external LED lighting applications
- Built-in active Power Factor Correction (PFC), typically > 0.93
- Turn on time < 1 second with soft start
- Protection: Over-Load, Over Current, Open Circuit, Short Circuit, Over Temperature

PSU-IIR units are Constant Voltage, 24 VDC power supplies designed for LED lighting applications with short circuit, over voltage, over current, and over temperature protection.

Each unit includes cable connections with 300 mm (11.8 in.) input/output flying leads.

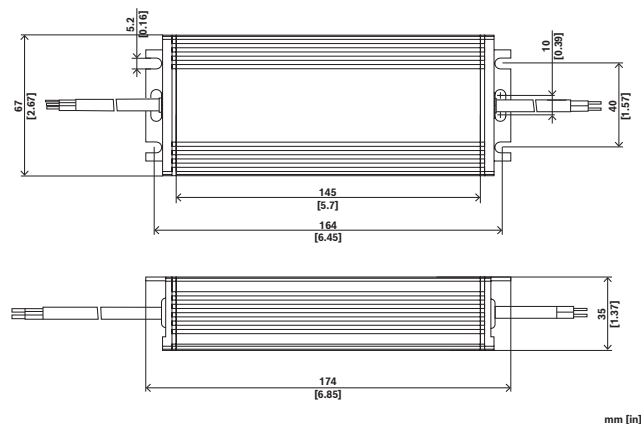
Regulatory information

Standards	Type
Emission	EN 55015
	EN 61000-3-2
	EN 61000-3-3
Immunity	EN 61547
	EN 55024
	EN 61000-4-2,3,4,5,6,8,11
	FCC Part 15, Class B
Other	UL 8750
	EN 61347-1
	EN 61347-2-13
Marks	CE, RoHS

Region	Regulatory compliance/quality marks	
Europe	CE	BT-VS 2021-E-060
USA	FCC	ST-VS 2017-E-013
	UL	ST-VS 2017-E-013
Great Britain	UKCA	BT-VS 2021-E-061

Installation/configuration notes

PSU-IIR-100



Dimensions in mm (inch)

Parts included

Quantity	Component
1	Unit

Technical specifications

Electrical

Input voltage (VAC)	100 VAC – 240 VAC 50/60 Hz
Output voltage (VDC)	24 VDC
Connection type	Flying leads

Maximum load (A)	4.17 A
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Environmental

Operating temperature (°C)	-25 °C – 50 °C
Operating temperature (°F)	-13 °F – 122 °F
Operating relative humidity, non-condensing (%)	10% – 90%
IP rating	IP67

Construction

Dimensions (H x W x D) (mm)	67 mm x 174 mm x 35 mm
Dimensions (H x W x D) (in)	2.67 in x 6.85 in x 1.37 in
Weight (kg)	0.73 kg
Weight (lb)	1.61 lb
Material	Aluminum
Color	Silver

Ordering information

PSU-IIR-100 Power supply, 100-240VAC/24VDC, 4.17A
Constant Voltage 24 VDC, 100W power supply designed for LED lighting applications. 100-240VAC in, 4.17A out.
Aluminum case rated IP67.
Order number **PSU-IIR-100**

