

# FTPC150V48-S2



## Features:

- Constant Voltage design
- European AC input range
- Protections: Overload / Over voltage / Short circuit / Over temperature
- Built-in active PFC function
- Compliance to worldwide regulations for lighting
- Ultra low and narrow shape
- Isolation II class (no PE)



## ELECTRICAL SPECIFICATION

Output Voltage	48V DC
Rated Current	3.125A
Power (W)	150W
Dimming	No
Voltage Ripple & Noise (max.)	1440mVp-p
Line Regulation	± 1%
Load Regulation	± 1%
Setup, Rise Time	300ms, 100ms
AC input voltage range	European
Protection class	II
PFC	Yes
Efficiency (typ.)	93%
No Load Power Consumption (typ. / max.)	0.4W / 0.5W
AC Current (typ.)	1A
Inrush Current (typ.)	80A
IP protection level	IP20
Leakage Current (max.)	0.7mA
Short Circuit protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection (range)	110%~160%
Over Temperature protection	Type: hiccup mode, auto-recovery.
Over Voltage protection	Type: shut down output voltage. Re-power on to recovery.
Working Temperature range	-20°C ÷ +45°C

<b>Working Humidity range</b>	10 ÷ 90% RH non-condensing
<b>Storage Temperature and Humidity</b>	-40°C ÷ +85°C, 5 ÷ 95% RH non-condensing
<b>Safety Standards</b>	Compliance to EN 61347-1,EN 61347-2-13
<b>Withstand Voltage</b>	IN/OUT: 3750VAC / 5mA, 60s
<b>Isolation Resistance</b>	IN/OUT: ≥ 10MΩ / 500VDC
<b>EMC Emission</b>	Compliance to EN55015
<b>EMC Immunity</b>	Compliance to EN61547
<b>Harmonic Current</b>	Compliance to EN61000-3-2 Class C
<b>Dimensions (L x W x H)</b>	320.6 x 30 x 18.2
<b>Weight (kg)</b>	0.52
<b>Warranty</b>	5 years
<b>Mounting</b>	surface
<b>Programmable</b>	No

## **MECHANICAL SPECIFICATION**