

ISCN-052W-130SMSP

NFC Programmable With Multiple Dimming



Feature

- Input voltage range:90-305VAC
- High efficiency: 87% typical@120VAC with full load
- Active PFC: 0.98 typical @120VAC with full load
- Surge protection
- IP20 compliant
- Protections: OCP, SCP, OTP
- Compliance to worldwide safety regulations for lighting
- CUL / CE
- Dimming control: TRIAC & ELV & 0-10V & PWM
- 5-year warranty

Electrical Specification

Input voltage range :	90—305VAC
Frequency :	47—63Hz
Power factor :	0.98 at 110VAC;0.96 at 220VAC(typical)
Efficiency :	88%(typical) at 220VAC maximum load
Maximum power :	52W
Line regulation :	±1%
Load regulation :	±3%
Leakage current :	0.75mA MAX @277VAC/50Hz
Protections :	Over voltage, short circuit, over temperature

Environmental Specification

Operating temperature :	-40°C — +60°C
Storage temperature :	-40°C — +85°C
Maximum case temperature :	90°C
Humidity :	10% —85%RH
Cooling method :	Convection
Isolation :	Input/output 3750VAC
MTBF :	500,000hours,full load at 25°C ambient
Life time :	45,000 hours @TC<=70°C, full load
Reference dimension(L*W*H) :	95*70*32 (mm)

Model Specification

Model Number	Output Current	Dimming	Output Voltage Range	Eff.@110Vac	Eff.@220Vac
ISCN-052W-130SMSP	1300mA(max.)	TRIAC,ELV,0-10V,PWM	30—56Vdc	87%	88%