

# ISC-050W-100DDSM

Color Tuning with 2-channel output & 0~10V dimming



## Feature

- Input voltage range:90-305VAC
- High efficiency: 86% typical@120VAC with full load
- Active PFC: 0.99 typical @120VAC with full load
- Surge protection
- IP20 compliant
- Protections: OCP, SCP, OTP
- Compliance to worldwide safety regulations for lighting
- CUL / UL
- Dimming control: 0~10V dimming
- Flicker-Free
- 5-year warranty(conditions apply)

## Electrical Specification

Input voltage range:	90—305VAC
Frequency:	47—63Hz
Power factor:	0.99at 120VAC (typical)
Efficiency:	86%(typical) at 120VAC maximum load
Maximum power:	50W
Line regulation:	±1%
Load regulation:	±2%
Protections:	Over current, short circuit, over temperature

## Environmental Specification

Operating temperature:	-20°C — +60°C
Storage temperature:	-40°C — +85°C
Maximum case temperature:	75°C
Humidity:	10% —85%RH
Cooling method:	Convection
Isolation:	Input/output 3750VAC
MTBF:	500,000 hours, full load at 25°C ambient
Life time:	45,000 hours @TC<=70°C, full load
Reference dimension(L*W*H):	241.3*35*30.5(mm)

## Model Specification

Model Number	Output Current	Dimming	Output Voltage Range	Eff.@120Vac	Eff.@277Vac
ISC-050W-100DDSM	2*1000mA	0~10V	30-50Vdc	86%	87%