LED DRIVER SCC 60W

KEY FEATURES

- Constant current output
- Built-in module for smart dimming and PLC control
- Constant lumen output
- Adjustable output current
- Active power factor correction
- Short circuit, over temperature protections
- Cooling by free air convection
- Encapsulated with IP67 level
- 5 years warranty

MODELS

Model	Output current	Output voltage	Recommended output voltage
SCC60 - C350	350 mA	120 -171 V	140 - 160 V
SCC60 - C450	450 mA	80 - 132 V	100 - 120 V
SCC60 - C700	700 mA	60 - 85 V	65 - 75 V
SCC60 - C1050	1050 mA	40 - 57 V	45 - 55 V
SCC60 - C1400	1400 mA	31 - 43 V	36 - 42 V
SCC60 - C2100	2100 mA	20 - 28 V	24 - 26 V

CHARACTERISTICS

Parameters	Value	Test conditions / Comment
Input voltage	AC 220V ~ 240 V; 50Hz	-
Input current	0.32 A	
Inrush current	65 A	Cold start, V_{in} = 230 VAC
Power factor	0.95	Full load, V_{in} = 230 VAC
Efficiency	85 %	Full voltage, full load
Dimming control	Programmable, PLC	SEAK S-50 PLC

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Parameters	Value	Test conditions / Comment
Dimming range	0 - 100 %	-
Output current accuracy	5 %	-
Output Current overshoot	10 %	Turning power on
Turn-on delay time	2s	Cold start, power on
Ripple	20 %	-
Storage temperature	-40 °C to +85 °C	Humidity: 5% RH to 95% RH
Ambient operating temperature	-40 °C to +70 °C	Startup at rated voltage
Maximum case temperature	+80 °C	Hot-spot on case
Operating relative humidity	10 - 95 %	Non considering
MTBF	200 000Hrs	Full load, AC 220V input, 25°C ambient temperature
Dimension (LxWxH)	177x65.5x39.5mm	-
Weight	745 g	-

PROTECTION

Parameters	Value
Short circuit	In hiccup mode, it will recover automatically fault condition is removed
Over temperature	Typical 110°C
Safety standards	UL8750, UL935, UL1012, UL1310 CLASS 2, EN61347-1, EN61347-2-13
EMC	EN55015, FCC Part 15 Class B, EN61000-3-2, EN61000-3-3, EN61000-4-2, 3, 4, 6, 8, 11, EN61547

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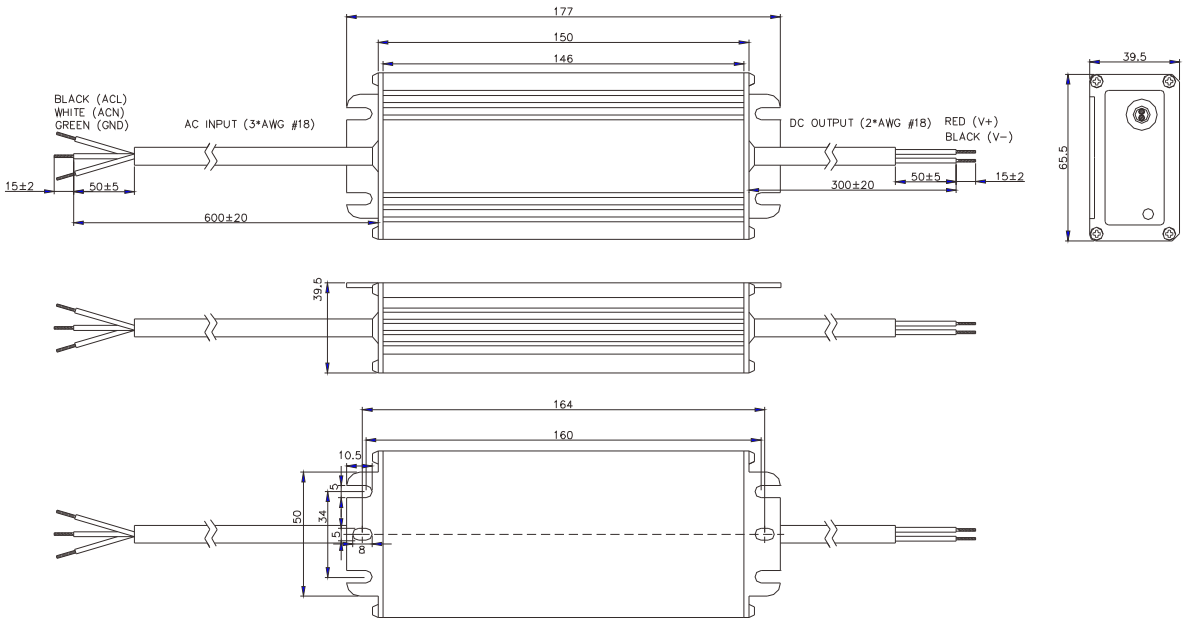
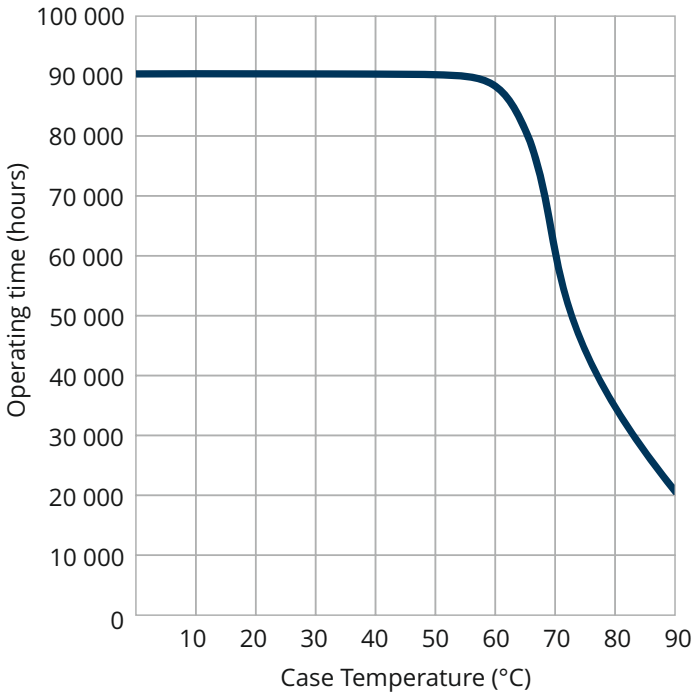
MECHANICAL SPECIFICATION

(dimensions in mm)



LIFESPAN CHARACTERISTIC



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