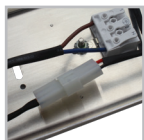


SEDNA[®]

l i g h t i n g



ECA
Compliant

5yr



High Efficiency Constant Current LED Drivers

Range of high efficiency constant current drivers with **Molex[®] quick-fit connectors** also available from **350mA - 7500mA** to suit a wide of light engine configurations. IP21 1-10V Analogue dimmable (-AD) also available (refer to range of constant current drivers for further information).

Product information

Durable with a rated life span of +100,000 hours / No UV or IR emissions / Instant on & Flicker free / CE & RoHS international standards / Environmentally friendly / Molex[®] wire connector / Screw fixing points / Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (75% load) ; EN61000-3-3

Code	Dimensions	Efficiency (Typ)	Output Voltage	Output Current	Rated Power	IP Rating	Dimmable
SDPSU-350-20/40	85mm x 82mm x30mm	87%	20 - 40V DC	350mA	15W	IP66	N/A
SDPSU-620-20/40	85mm x 82mm x30mm	87%	20 - 40V DC	620mA	25W	IP66	N/A
SDPSU-830-20/40	100mm x 74mm x36mm	87%	20 - 40V DC	830mA	34W	IP66	N/A
SDP-SU-1100-20/40	100mm x 74mm x36mm	87%	20 - 40V DC	1100mA	44W	IP66	N/A
SDP-SU-1400-20/40	150mm x 50mm x40mm	87%	20 - 40V DC	1400mA	56W	IP66	N/A
SDP-SU-2500-20/40	150mm x 50mm x40mm	87%	20 - 40V DC	2500mA	100W	IP66	N/A
SDPSU-DS1-580-30/55-AD	300mm x 24mm x23mm	90%	30 - 55V DC	580mA	32W	IP21	1 - 10V
SDPSU-DS2-920-30/55-AD	300mm x 24mm x23mm	90%	30 - 55V DC	920mA	56W	IP21	1 - 10V
SDPSU-DS3-1200-30/55-AD	380mm x 34mm x23mm	90%	30 - 55V DC	1200mA	66W	IP21	1 - 10V
SDPSU-DS4-1500-30/55-AD	380mm x 34mm x23mm	90%	30 - 55V DC	1500mA	82W	IP21	1 - 10V

Technical Specifications

Input Voltage: 110 - 280V AC

Frequency: [50 - 60Hz]

Power Factor: PF>0.98/110V PF>0.92/230V

Operating Temperature: -20°C to 50°C

IP21 CLASS I /IP66 CLASS II

Built in protection: short circuit / over current / over voltage / over temperature

Voltage Tolerance: +/- 10%

Setup Time: 500ms / 230VAC 3000ms / 115VAC at full load

In-rush Current (Typ): COLD START 35A(twidth= 45 s measured at 50% Ipeak) at 230VAC

Temperature Coefficient: +/- 0.05%/

Constant Current LED Drivers