



Ninex Construction Design & Build Homes,
Waukegan, IL

Drivers & Accessories

Powering Your Lighting

Switch Lighting's diverse portfolio of drivers and accessories caters to all your lighting needs. Whether you require drivers for constant current, constant voltage, insulation coverable, control system drivers, marine applications, or DC to DC drivers, we have you covered.

The range of Switch Lighting adapter plates provide a professional solution for retrofitting or upgrading lighting installations. Designed with a matching finish with the corresponding Switch Lighting products.

Enhance your lighting experience with our versatile and high-performance solutions.

Be sure to check out our accessories which include the Switch Lighting LED tester. This user-friendly tool is used for evaluating LED performance, ensuring the LEDs are functioning correctly prior to finalising a connection to the mains power – making it an essential companion for professional lighting installations.

Switch Lighting's waterproof connectors are engineered for durability and reliability in challenging environments. With IP-rated protection, they ensure a secure and moisture-resistant connection, making them ideal for outdoor applications.



Drivers non-coverable

Constant current drivers

MINI350mA IP65 mains driver
MINI700mA IP65 mains driver

	Mini 350mA	Mini 700mA
Type	Constant current	
Max power output	4W	
Dimmable	No	
Size	38 x 27 x 21mm	
Power factor	0.4	
Input voltage	100-240VAC 50/60Hz	
Current output	350mA	700mA
Voltage output	3 - 12VDC	3 - 6VDC
Ambient temps (ta)	-20 to +50°C	
Max temp (tc)	80°C	



IP65

SE-9-350-700 9W 350, 400, 450, 500, 550, 600, 650, 700mA, dimmable mains driver

Type	Constant current
Max power output	9W
Dimmable	Yes TE
Size	111 x 35 x 20mm
Power factor	0.9
Input voltage	220-240VAC 50/60Hz
Current output	350-700mA in 50mA increments
Voltage output	2 - 12V at all currents
Ambient temps (ta)	-20 to +45°C
Max temp (tc)	90°C



IP20

SE-12-100-400 12W 100, 150, 200, 250, 300, 350, 400mA, dimmable mains driver

Type	Constant current
Max power output	12W
Dimmable	Yes TE
Size	111 x 35 x 20mm
Power factor	0.9
Input voltage	220-240VAC 50/60Hz
Current output	100-400mA in 50mA increments
Voltage output	9 - 42V at 100-250mA 9 - 40V at 300mA 9 - 34V at 350mA 9 - 30V at 400mA
Ambient temps (ta)	-20 to +45°C
Max temp (tc)	90°C



IP20

SE-15-350-700 15W 350, 400, 450, 500, 550, 600, 650, 700mA, dimmable mains driver

Type	Constant current
Max power output	15W
Dimmable	Yes TE
Size	111 x 35 x 20mm
Power factor	0.9
Input voltage	220-240 VAC50/60Hz
Current output	350-700mA in 50mA increments
Voltage output	9 - 42V at 350mA, 9 - 37.5V at 400mA 9 - 33V at 450mA, 9 - 30V at 500mA 9 - 27V at 550mA, 9 - 25V at 600mA 9 - 23V at 650mA, 9 - 21.5V at 700mA
Ambient temps (ta)	-20 to +45°C
Max temp (tc)	90°C



IP20

SE-40-300-1050-G1T 40W 300-1050mA, dimmable mains driver

Type	Constant current
Max power output	40W
Dimmable	Yes TE
Size	142 x 40 x 23mm
Power factor	>0.95
Input voltage	220-240VAC
Current output	300-1050mA
Voltage output	9-42VDC at 300-952mA 953-1050 see spec sheet on website for voltage curve details
Ambient temps (ta)	-20 to +45°C
Max temp (tc)	90°C



IP20



DC-DC Constant current drivers

Step down only

LDD-350LW 9-36 VDC input – 350mA CC output

LDD-700LW 9-36 VDC input – 700mA CC output

	LDD-350LW	LDD-700LW
Type	Constant current	
Max power output	11.2W	22.4W
Dimmable	Yes via PWM	
Size	22 x 10 x 9mm	
Power factor	n/a	
Input voltage	9-36VDC	
Current output	350mA	700mA
Voltage output	2 - 32VDC Step down only output volts = input volts – 3V	
Ambient temps (ta)	-40 to +70°C	



Step down / Step up

SLDC-150-DP 9-36VDC input – 150mA CC output

SLDC-220-DP 9-36VDC input – 220mA CC output

SLDC-300-DP 9-36VDC input – 300mA CC output

	SLDC-150-DP	SLDC-220-DP	SLDC-300-DP
Type	Constant current		
Max power output	6W	8.8W	12W
Dimmable	Yes via PWM		
Size	32 x 20 x 12mm		
Power factor	n/a		
Input voltage	9-36VDC		
Current output	150mA	220mA	300mA
Voltage output	2 - 40VDC		
Ambient temps (ta)	-40 to +70°C		



Constant voltage drivers

Q4-12V-20W 20W 12VDC power supply

Type	Constant voltage
Max power output	20W
Dimmable	No
Size	113 x 44 x 28mm
Power factor	0.8
Input voltage	220-240VAC 50Hz
Current output	00 - 1.7A
Voltage output	12VDC
Ambient temps (ta)	-20 to +50°C
Max temp (tc)	80°C



SLDV-12V-40W 40W 12VDC power supply

SLDV-12V-75W 75W 12VDC power supply

	SLDV-12V-40W	SLDV-12V-75W
Type	Constant voltage	
Max power output	40W	75W
Dimmable	No	
Size	176 x 58 x 30.5mm	186 x 64 x 39mm
Power factor	0.95	
Input voltage	100-240VAC	
Current output	0.3 - 3A	0 - 6.25A
Voltage output	12VDC	
Ambient temps (ta)	-20 to +50°C	
Max temp (tc)	80°C	



SLDV-24V-75W 75W 24VDC power supply

SLDV-24V-150W 150W 24VDC power supply

	SLDV-24V-75W	SLDV-24V-150W
Type	Constant voltage	
Max power output	75W	150W
Dimmable	No	
Size	186 x 64 x 39mm	191 x 70 x 40mm
Power factor	0.95	
Input voltage	100-240VAC	
Current output	0 - 3.15A	0 - 6.3A
Voltage output	24VDC	
Ambient temps (ta)	-20 to +50°C	
Max temp (tc)	80°C	



Drivers

Control system drivers

SLiC-700E Casambi Evolution Driver 15W programmable, tunable white, dimming mains driver

	SLiC-700E
Type	Constant current, wire terminals
Insulation coverable	No
Max power output	15W
Dimmable	Full DC dimming
Size	31.5 x 24 x 125.5mm
Power factor	>0.9
Input voltage	180-240VAC
Current output	200, 250, 300, 350, 400, 500, 600, 700mA selectable
Voltage output	0-50 DC
Ambient temps (ta)	-20 to +50°C
Max temp (tc)	90°C



IP20

LIM-12D 12W 150-700mA DALI dimming mains driver

Type	Constant current, wire terminals
Max power output	12W
Dimmable	DALI-2 1-100%
Size	132 x 30 x 20mm
Power factor	0.95
Input voltage	220-240VAC 50/60Hz
Current output	150mA - 700mA
Voltage output	Varies. See website.
Ambient temps (ta)	-20 to +45°C
Max temp (tc)	90°C



IP20

IEM-12D TW 12W 150-500mA DALI tunable white / dimming mains driver

Type	Constant current, wire terminals
Max power output	12W
Dimmable	DALI-2 1-100%
Size	119 x 52 x 22.5mm
Power factor	0.95
Input voltage	220-240VAC 50/60Hz
Current output	150mA - 500mA
Voltage output	Varies. See website.
Ambient temps (ta)	-20 to +50°C
Max temp (tc)	80°C



IP20

Marine drivers

SLPA-260A-D1-A-M driver with WAGO connector

Type	Constant current, WAGO connector
Max power output	12W
Dimmable	1-10V + PWM
Size	103 x 53 x 38mm
Power factor	0.95
Input voltage	100-240VAC 50Hz
Current output	260mA
Voltage output	15-40VDC
Ambient temps (ta)	-20 to +50°C
Max temp (tc)	80°C



IP20

SLPA-MA1-D1-B-M driver with wire terminals
SLPA-MA2-D1-B-M1 driver with wire terminals

	SLPA-MA1-D1-B-M	SLPA-MA2-D1-B-M1
Type	Constant current, wire terminals	
Insulation coverable	Yes	No
Max power output	7.2W	12W
Dimmable	1-10V + PWM	
Size	129 x 52 x 22mm	
Power factor	0.95	
Input voltage	100-240VAC 50Hz	
Current output	100, 150, 180mA	220, 260, 300mA
	Factory & customer selectable	
Voltage output	15 - 40VDC	
Ambient temps (ta)	-20 to +50°C	
Max temp (tc)	80°C	



IP20



Drivers insulation coverable

Switch Lighting drivers are all independent of the luminaire so they run cooler and more reliably. Reliability is also enhanced with their MOV surge protection and they are designed to be fully covered with insulation. Switch Lighting drivers also include an earth loop terminal and larger terminals that make installation quicker and easier.

These insulation coverable, phase-cut dimming drivers are included with Switch Lighting downlights.

SL102D-P 4W 100mA dimming mains driver

Type	Constant current
Max power output	4W
Dimmable	Yes - trailing edge / leading edge
Size	130 x 45 x 28mm
Power factor	0.95
Input voltage	220-240VAC 50/60Hz
Current output	100mA
Voltage output	20-40VDC
Ambient temps (ta)	-20 to +50°C
Max temp (tc)	80°C
MOV included	Yes
Earth loop provided	Yes



IP20

SL152D-P 6W 150mA dimming mains driver

Type	Constant current
Max power output	6W
Dimmable	Yes - trailing edge / leading edge
Size	130 x 45 x 28mm
Power factor	0.95
Input voltage	220-240VAC 50/60Hz
Current output	150mA
Voltage output	20-40VDC
Ambient temps (ta)	-20 to +50°C
Max temp (tc)	80°C
MOV included	Yes
Earth loop provided	Yes



IP20

SL182D-P 7.2W 180mA dimming mains driver

Type	Constant current
Max power output	7.2W
Dimmable	Yes - trailing edge / leading edge
Size	130 x 45 x 28mm
Power factor	0.95
Input voltage	220-240VAC 50/60Hz
Current output	180mA
Voltage output	20-40VDC
Ambient temps (ta)	-20 to +50°C
Max temp (tc)	80°C
MOV included	Yes
Earth loop provided	Yes



IP20

SL222D-P 9W 220mA dimming mains driver

Type	Constant current
Max power output	9W
Dimmable	Yes - trailing edge / leading edge
Size	130 x 45 x 28mm
Power factor	0.95
Input voltage	220-240VAC 50/60Hz
Current output	220mA
Voltage output	20-40VDC
Ambient temps (ta)	-20 to +50°C
Max temp (tc)	80°C
MOV included	Yes
Earth loop provided	Yes



IP20

SL262D-P 10W 260mA dimming mains driver

Type	Constant current
Max power output	10W
Dimmable	Yes - trailing edge / leading edge
Size	130 x 45 x 28mm
Power factor	0.95
Input voltage	220-240VAC 50/60Hz
Current output	260mA
Voltage output	20-40VDC
Ambient temps (ta)	-20 to +50°C
Max temp (tc)	80°C
MOV included	Yes
Earth loop provided	Yes



IP20

SL302D-P 12W 300mA dimming mains driver

Type	Constant current
Max power output	12W
Dimmable	Yes - trailing edge / leading edge
Size	130 x 45 x 28mm
Power factor	0.95
Input voltage	220-240VAC 50/60Hz
Current output	300mA
Voltage output	20-40VDC
Ambient temps (ta)	-20 to +50°C
Max temp (tc)	80°C
MOV included	Yes
Earth loop provided	Yes



IP20



LED Protector

- + Protect individual constant current circuits up to 350mA or up to 700mA
- + Detect a problem in less than 2ms and trip to protect your LEDs
- + Has a warning light to indicate a problem has been detected
- + Are easily reset by simply cycling the power once the problem is corrected
- + Can be installed anywhere in a constant current circuit to protect all LEDs in that circuit.



SLP350
SLP700

Ultra fast, resettable, series connected electronic fuse

The LED protector protects your LED lights from wiring and power failure hazards that can result from:

- Environmental hazards (e.g. flooding, exposure to corrosive environments (salt air) or humidity)
- Wiring damage (e.g. corrosion, fatigue, accidental or animal activity)
- Improper power supply (e.g. over current, power surges or dips)
- Defective workmanship and improper installation.

Protector	SLP350	SLP700
Max forward voltage	60VDC	60VDC
Max reverse voltage	60VDC	60VDC
Normal LED operating current	350mA	700mA
Over current trip threshold	<550mA	<900mA
Time to trip during fast surge	<0.5 ms	<0.5ms
Typical fault energy/3V LED during surge	<10mJ	<10mJ
Power dissipated during normal operation	<0.45W	<0.9W
Trip fault indicator	RED LED	RED LED
Max fault current once tripped (@60V)	15mA	15mA
Driver to luminaire connection	tinned wire	tinned wire
Size	25 x 25 x 15mm	25 x 25 x 15mm
IP Rating	IP64	IP64



Waterproof connectors

Fully sealed Waterproof Connector and Junction Boxes.

- + 24A 450VAC, T60 high temperature resistance;
- + 2-6 holders, with terminal (screw type) and connector (plug wire type)
- + IP68 waterproof
- + 0.5-2.5mm² wire diameter, 5-9mm / 9-12mm cable diameter

Connector



SLAM684-A

Colour	Black
Voltage	16A 450VAC
Housing material	Nylon PA66
Fire-retardant level	V2
Working temperature	T60
Core insert	2 pin / 3 pin / 4 pin
Cross section	0.5 ~ 2.5mm ²
Cable diameter	5 - 9 mm
IP Code	IP68
Certificates	CE RoHS

3-way junction box



SLAM686-Y

Colour	Black
Voltage	24A 450VAC
Housing material	PC, 94V-2 fire-retardant
Working temperature	T100
Cable diameter	4-8mm / 8-12mm / 10-14mm
IP Code	IP68
Certificates	TUV CE RoHS

4-way junction box



SLAM686-H

Colour	Black
Voltage	24A 450VAC
Housing material	PC, 94V-2 fire-retardant
Working temperature	T100
Cable diameter	4-8mm / 8-12mm / 10-14mm
IP Code	IP68
Certificates	TUV CE RoHS