





Dear Reader,

We, HUATEC GmbH, are a professional supplier specializing in LED power supply based in Hamburg, Germany. With discipline and passion, we have been offering professional product solutions in all aspects of LED power supply to our customers for the last decade.

With this catalogue we would like to introduce you to our standard product portfolio for 2023 and to help you to get an early impression of our newest development and what we do.

We wish you could find the product you exactly need here and we are happy to provide support at any time.

Your HAUTEC-Team



Your advantages of working with us:

State-of-the-art Product

we are constantly expanding and updating our product range, keeping you up to date with the latest trends and technology.

Exclusive Price

No second-hand price, no middle man, to provide fair price with optimal price-performance ratio is our goal.

Best Availability

As industry insider, we are always ahead of the latest developments throughout the whole supply chain; with our own warehouse in Germany and flexible international logistics solutions, your long-term and short-term demand are always covered.




















Secure Warranty

with our own registered trade mark ***illuburg*** and our presence in EU, we offer you a partner on site and at your side.

Individual Solutions and Professional Support

We could provide you a whole range of tailor-made solutions, such as blanket order / OEM / Ready-made with accessories / special production with calibrated output/IP class etc.
We make the impossible possible.

Non-dimmable Constant Voltage LED Driver

	Model	Output	IP Rating	Dimension [LxBxH]
	SS-6V12	12 Vdc 6 W max.	IP20	52x43x21 mm
	SS-6V24	24 Vdc 6 W max.	IP20	52x43x21 mm
	SS-12V12	12 Vdc 12 W max.	IP20	68.5x35x23 mm
	SS-12V24	24 Vdc 12 W max.	IP20	68.5x35x23 mm
	SS-18V12	12 Vdc 18 W max.	IP20	68.5x35x23 mm
	SS-18V24	24 Vdc 18 W max.	IP20	68.5x35x23 mm
	SS-45V12	12 Vdc 45 W max.	IP20	95x53x32.5 mm
	SS-45V24	24 Vdc 45 W max.	IP20	95x53x32.5 mm
	LS-30V12	12 Vdc 30 W max.	IP20	160x42x30 mm
	LS-30V24	24 Vdc 30 W max.	IP20	160x42x30 mm
	LS-60V12	12 Vdc 60 W max.	IP20	187x45x30.5 mm
	LS-60V24	24 Vdc 60 W max.	IP20	187x45x30.5 mm
	LS-75V12	12 Vdc 75 W max.	IP20	187x45x30.5 mm
	LS-75V24	24 Vdc 75 W max.	IP20	187x45x30.5 mm
	LS-120V24	24 Vdc 120 W max.	IP20	268x45x30.5 mm
	LS-150V24	24 Vdc 150 W max.	IP20	268x45x30.5 mm
	LS-180V24G	24 Vdc 180 W max.	IP20	244.2x42.5x31 mm
	NEW UF-15V12	12 Vdc 15 W max.	IP20	103x35.5x16.1 mm
	US-30V12	12 Vdc 30 W max.	IP20	261x30x17 mm
	US-30V24	24 Vdc 30 W max.	IP20	261x30x17 mm
	US-60V12	12 Vdc 60 W max.	IP20	329x30x17.5 mm
	US-100V12	12 Vdc 100 W max.	IP20	365x30x18 mm
	US-60V24G	24 Vdc 60 W max.	IP20	300x30x16 mm
	US-100V24G	24 Vdc 100 W max.	IP20	350x30x18 mm
	US-150V24G	24 Vdc 150 W max.	IP20	350x30x18 mm
	US-250V24G	24 Vdc 250 W max.	IP20	400x40x22 mm
	US-150V12T	12 Vdc 132 W max.	IP20	335x30x21.5 mm
	US-200V24T	24 Vdc 200 W max.	IP20	335x30x21.5 mm
	NEW SS6-6V12	12 Vdc 6 W max.	IP66	55x29.5x22 mm
	NEW SS6-6V24	24 Vdc 6 W max.	IP66	55x29.5x22 mm
	NEW SS7-12V12	12 Vdc 12 W max.	IP67	57x40x26 mm
	NEW SS7-12V24	24 Vdc 12 W max.	IP67	57x40x26 mm
	NEW SS7-20V12	12 Vdc 20 W max.	IP67	64.5x47x28 mm
	NEW SS7-20V24	24 Vdc 20W max.	IP67	64.5x47x28 mm
	NEW LS7-40V12Y	12 Vdc 40W max.	IP67	150x40x30 mm
	NEW LS7-40V24Y	24 Vdc 40W max.	IP67	150x40x30 mm
	NEW LS7-60V12Y	12 Vdc 60W max.	IP67	166x43x33 mm
	NEW LS7-60V24Y	24 Vdc 60W max.	IP67	166x43x33 mm
	NEW LS7-100V12Y	12 Vdc 100W max.	IP67	193x52x37 mm
	NEW LS7-100V24Y	24 Vdc 100W max.	IP67	193x52x37 mm
	LM7-150V24G	24 Vdc 150 W max.	IP67	215x53x31.5 mm
	LM7-200V24G	24 Vdc 200 W max.	IP67	240x53x31.5 mm
	LM7-250V24T	24 Vdc 250 W max.	IP67	190x67.5x40 mm
	LM7-400V24T	24 Vdc 400 W max.	IP67	227x80x42 mm











Non-dimmable Constant Current LED Driver

	Model	Output	IP Rating	Dimension [LxBxH]
	LS-12C350	350 mA 22-40 Vdc	IP20	92x36x25 mm
	LS-12C500	500 mA 15-25 Vdc	IP20	92x36x25 mm
	LS-12C700	700 mA 11-17 Vdc	IP20	92x36x25 mm
	LS-20C300	300 mA 42-70 Vdc	IP20	100x38x25 mm
	LS-20C500	500 mA 25-42 Vdc	IP20	100x38x25 mm
	10 LS-20C700	700 mA 18-30 Vdc	IP20	100x38x25 mm
	LS-30C300	300 mA 67-100 Vdc	IP20	116x42.5x28 mm
	10 LS-30C500	500 mA 36-60 Vdc	IP20	116x42.5x28 mm
	10 LS-30C700	700 mA 24-42 Vdc	IP20	116x42.5x28 mm
	LS-40C700	700 mA 34.5-57.5 Vdc	IP20	116x42.5x28 mm
	10 LS-40C900	900 mA 26.5-44.5 Vdc	IP20	116x42.5x28 mm
	10 LS-50C1050	1050 mA 28.5-48 Vdc	IP20	154x45x30 mm
	SS5-4C350	350 mA 3-12 Vdc	IP65	53x27x21 mm
	SS5-4C700	700 mA 2-6 Vdc	IP65	53x27x21 mm
	SS5-6C350	350 mA 9-17 Vdc	IP65	53x27x21 mm
	SS5-6C500	500 mA 6-12 Vdc	IP65	53x27x21 mm
	11 SS5-6C700	700 mA 4-9 Vdc	IP65	53x27x21 mm
	CS5-12C350	350 mA 20-35 Vdc	IP65	Ø 55x26 mm
	CS5-12C500	500 mA 14-24 Vdc	IP65	Ø 55x26 mm
	CS5-12C700	700 mA 10.5-17.5 Vdc	IP65	Ø 55x26 mm
	CS5-18C350	350 mA 31-52 Vdc	IP65	Ø 55x26 mm
	CS5-18C500	500 mA 21.5-36 Vdc	IP65	Ø 55x26 mm
	11 CS5-18C700	700 mA 15.5-26 Vdc	IP65	Ø 55x26 mm
	NEW CS5-30C700	700 mA 21-42 Vdc	IP65	Ø 65x30 mm
	NEW CS5-40C900	900 mA 21-42 Vdc	IP65	Ø 65x30 mm




TRIAC Dimmable LED Driver

Model	Output	IP Rating	Dimension [LxBxH]
 13 LS-25V12-D3	12 Vdc 9.6-25 W	IP20	128(105)x52x30 mm
13 LS-25V24-D3	24 Vdc 9.6-25 W	IP20	128(105)x52x30 mm
 13 LS-50V12-D3	12 Vdc 12-50 W	IP20	184x61x32 mm
13 LS-50V24-D3	24 Vdc 12-50 W	IP20	184x61x32 mm
 13 LS-100V12-D3	12 Vdc 33-100 W	IP20	210x67x34 mm
13 LS-100V24-D3	24 Vdc 33-100 W	IP20	210x67x34 mm
 13 LS-150V24-D3	24 Vdc 50-150 W	IP20	210x67x34 mm
 14 NEW SS5-4C350-D3	350 mA 6-12 Vdc	IP65	48x30x20 mm
 14 NEW SS5-4C500-D3	500 mA 4-8 Vdc	IP65	48x30x20 mm
 14 NEW SS5-4C700-D3	700 mA 2.5-6 Vdc	IP65	48x30x20 mm
 14 NEW SS5-10C350-D3	350 mA 14-29 Vdc	IP65	58x36x20 mm
 14 NEW SS5-10C500-D3	500 mA 10-20 Vdc	IP65	58x36x20 mm
 14 NEW SS5-10C700-D3	700 mA 7-15 Vdc	IP65	58x36x20 mm
 14 CS5-15C350-D3	350 mA 21-42 Vdc	IP65	∅ 56x25 mm
CS5-21C500-D3	500 mA 21-42 Vdc	IP65	∅ 56x25 mm
CS5-30C700-D3	700 mA 21-42 Vdc	IP65	∅ 65x30 mm
 15 LS-12C350-D3	350 mA 17-35 Vdc	IP20	109x40x22 mm
LS-12C500-D3	500 mA 12-24 Vdc	IP20	109x40x22 mm
LS-12C700-D3	700 mA 10-17 Vdc	IP20	109x40x22 mm
LS-25C350-D3	350 mA 36-72 Vdc	IP20	120x45x28 mm
LS-25C500-D3	500 mA 25-50 Vdc	IP20	120x45x28 mm
LS-25C700-D3	700 mA 18-36 Vdc	IP20	120x45x28 mm
 15 LS-40C500-D3	500 mA 40-80 Vdc	IP20	167x52x25 mm
LS-40C700-D3	700 mA 28-56 Vdc	IP20	167x52x25 mm
LS-50C1050-D3	1050 mA 24-48 Vdc	IP20	167x52x25 mm

DALI/PUSH (pri.)/0-10V Dimmable LED Driver

Model	Output	IP Rating	Dimension [LxBxH]
 16 LS-40V12-DALI2	12 Vdc 4-40 W	IP20	150x52x28 mm
16 LS-40V24-DALI2	24 Vdc 4-40 W	IP20	150x52x28 mm
 16 LS-80V24-DALI2	24 Vdc 80 W max.	IP20	290x45x30.5 mm
16 LS-150V24-DALI2	24 Vdc 150 W max.	IP20	290x45x30.5 mm
 16 NEW LS-120V24-DALI2	24 Vdc 120 W max.	IP20	202x58x30 mm
 16 LS-80V24-DALI2-DT8	24 Vdc 80 W max.	IP20	340x45x30.5 mm
16 LS-150V24-DALI2-DT8	24 Vdc 150 W max.	IP20	340x45x30.5 mm
 17 US-60V24-DALI2	24 Vdc 60 W max.	IP20	350x30x18 mm
US-100V24-DALI2	24 Vdc 100 W max.	IP20	350x30x18 mm
US-150V24-DALI2	24 Vdc 150 W max.	IP20	350x30x18 mm
 19 LS-10M-DALI2	100-440mA 12 W max.	IP20	120x46x23.8 mm
 19 ST-25M-DALI2	200-350 mA 25 W max.	IP20	110x50x23.5 mm
 19 MI-20M-DALI2	200-550mA 20 W max.	IP20	116x40.5x22 mm 78x40.5x22 mm
19 MI-35M-DALI2	700-1050 mA 35 W max.	IP20	136x42.5x24 mm 96x42.5x24 mm
 19 ST-30M-DALI2	300-900 mA 30 W max.	IP20	103x67x22 mm
 19 ST-46M-DALI2	700-1050mA 50 W max.	IP20	123x79x23.8 mm
19 ST-50M-DALI2	700-1400 mA 50 W max.	IP20	123x79x23.8 mm
19 ST-60M-DALI2	350-1050 mA 60 W max.	IP20	123x79x23.8mm

PUSH (pri. + sec.)/0-10V Dimmable LED Driver

Model	Output	IP Rating	Dimension [LxBxH]
 20 ST-35M-PV	250-800mA 35 W max.	IP20	103x67x22 mm
 20 ST-50M-PV	500-1200mA 50 W max.	IP20	123x79x23.8 mm
 20 ST-50M2-PV	350-900mA 50 W max.	IP20	123x79x24 mm

Constant Voltage LED Driver Non-dimmable IP20 Compact

- ❖ For Built-in installation with compact housing
- ❖ Easy installation with mounting slot and cable on pri. & sec. side
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / over voltage / over temperature



Data Sheet



SS-6V12
SS-6V24



SS-12V12 SS-18V12
SS-12V24 SS-18V24



SS-45V12
SS-45V24

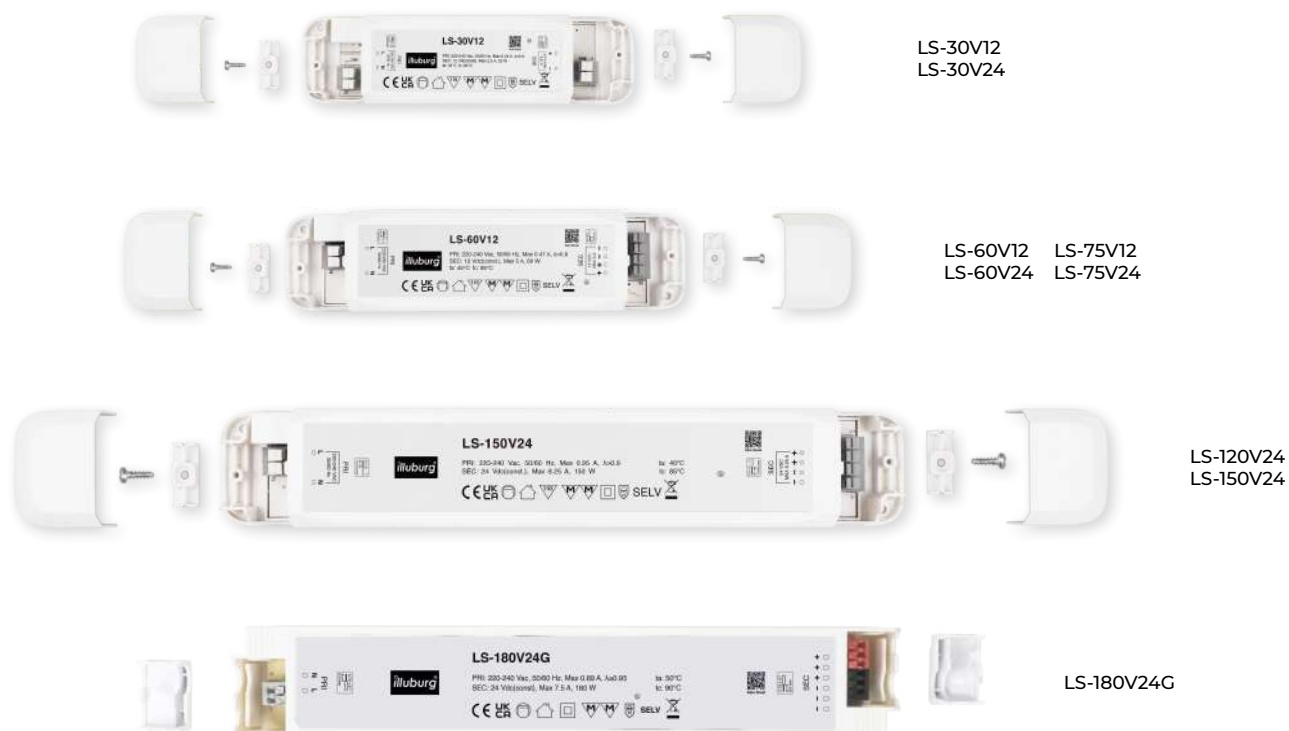
Model	Input	Output	PF	Ta	Tc	Dimension (LxBxH)
SS-6V12	220-240 Vac	12 Vdc 6 W max.	0.8C	-20°C~+45°C	80°C	52x43x21 mm
SS-6V24	220-240 Vac	24 Vdc 6 W max.	0.8C	-20°C~+45°C	80°C	52x43x21 mm
SS-12V12	220-240 Vac	12 Vdc 12 W max.	0.85C	-20°C~+45°C	80°C	68.5x35x23 mm
SS-12V24	220-240 Vac	24 Vdc 12 W max.	0.85C	-20°C~+45°C	80°C	68.5x35x23 mm
SS-18V12	220-240 Vac	12 Vdc 18 W max.	0.85C	-20°C~+45°C	85°C	68.5x35x23 mm
SS-18V24	220-240 Vac	24 Vdc 18 W max.	0.85C	-20°C~+45°C	85°C	68.5x35x23 mm
SS-45V12	220-240 Vac	12 Vdc 45 W max.	>0.9	-20°C~+45°C	85°C	95x53x32.5 mm
SS-45V24	220-240 Vac	24 Vdc 45 W max.	>0.9	-20°C~+45°C	85°C	95x53x32.5 mm

Constant Voltage LED Driver Non-dimmable IP20

- ❖ Independent installation with cable terminal connector
- ❖ Easy cable connection with no-screw design
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / over voltage / over temperature



Data Sheet



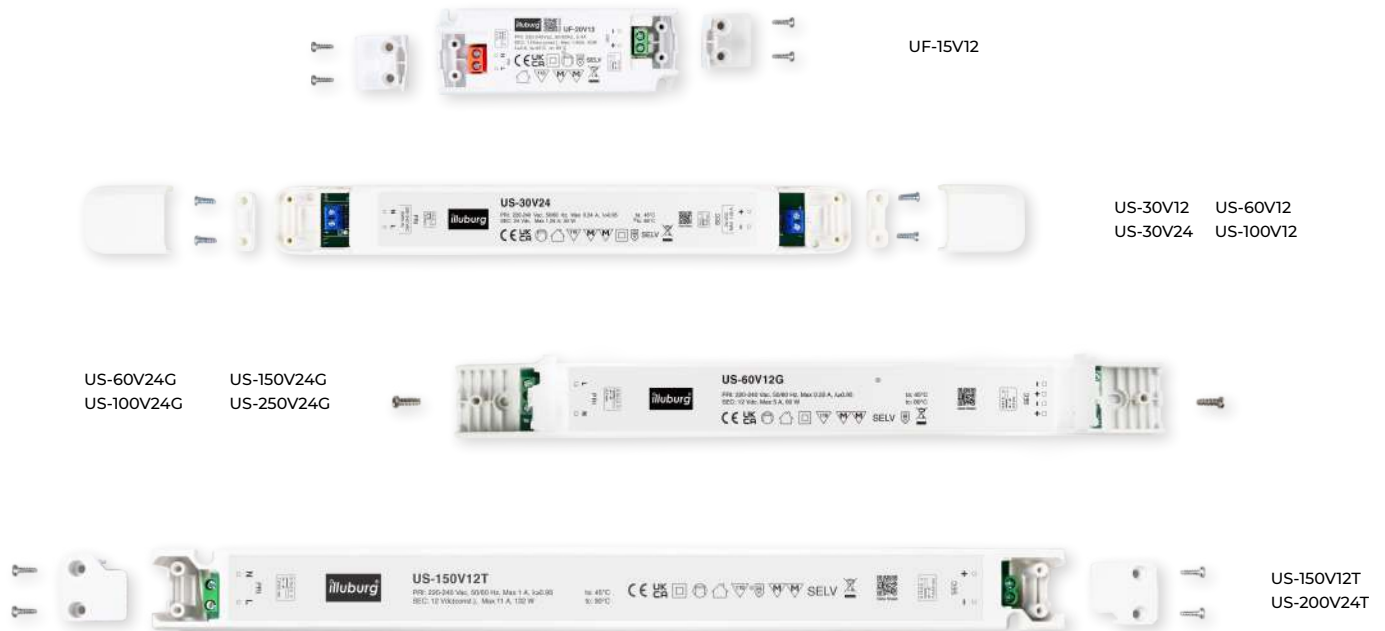
Model	Input	Output	PF	Ta	Tc	Dimension (LxBxH)
LS-30V12	220-240 Vac	12 Vdc 30 W max.	>0.9	-20°C~+45°C	80°C	160x42x30 mm
LS-30V24	220-240 Vac	24 Vdc 30 W max.	>0.9	-20°C~+45°C	80°C	160x42x30 mm
LS-60V12	220-240 Vac	12 Vdc 60 W max.	>0.9	-10°C~+45°C	85°C	187x45x30.5 mm
LS-60V24	220-240 Vac	24 Vdc 60 W max.	>0.9	-10°C~+45°C	85°C	187x45x30.5 mm
LS-75V12	220-240 Vac	12 Vdc 75 W max.	>0.9	-20°C~+45°C	90°C	187x45x30.5 mm
LS-75V24	220-240 Vac	24 Vdc 75 W max.	>0.9	-20°C~+45°C	90°C	187x45x30.5 mm
LS-120V24	220-240 Vac	24 Vdc 120 W max.	>0.9	-20°C~+45°C	85°C	268x45x30.5 mm
LS-150V24	220-240 Vac	24 Vdc 150 W max.	>0.9	-20°C~+45°C	85°C	268x45x30.5 mm
LS-180V24G	220-240 Vac	24 Vdc 180 W max.	≥0.95	-25°C~+50°C	90°C	244x42.5x31 mm

Constant Voltage LED Driver Non-dimmable IP20 Slim

- ❖ Independent installation with cable terminal connector
- ❖ Suitable for hidden installation with super slim housing
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / over voltage / over temperature



Data Sheet



Model	Input	Output	PF	Ta	Tc	Dimension (LxBxH)
UF-15V12	220-240 Vac	12 Vdc 15 W max.	≥0.9	-20°C~+45°C	85°C	103x35.5x16.1 mm
US-30V12	220-240 Vac	12 Vdc 30 W max.	>0.95	-20°C~+45°C	90°C	261x30x17 mm
US-30V24	220-240 Vac	24 Vdc 30 W max.	>0.95	-20°C~+45°C	85 °C	261x30x17 mm
US-60V12	220-240 Vac	12 Vdc 60 W max.	>0.95	-20°C~+45°C	90°C	329x30x17.5 mm
US-100V12	220-240 Vac	12 Vdc 100 W max.	>0.95	-20°C~+45°C	90°C	365x30x18 mm
US-60V24G	220-240 Vac	24 Vdc 60 W max.	≥0.95	-25°C~+45°C	80 °C	300x30x16 mm
US-100V24G	220-240 Vac	24 Vdc 100 W max.	≥0.95	-25°C~+45°C	90 °C	350x30x18 mm
US-150V12T	220-240 Vac	12 Vdc 132 W max.	≥0.95	-20°C~+45°C	90°C	335x30x21.5 mm
US-150V24G	220-240 Vac	24 Vdc 150 W max.	≥0.95	-25°C~+45°C	90 °C	350x30x18 mm
US-200V24T	220-240 Vac	24 Vdc 200 W max.	≥0.95	-20°C~+45°C	90 °C	335x30x21.5 mm
US-250V24G	220-240 Vac	24 Vdc 250 W max.	≥0.95	-25°C~+45°C	90 °C	400x40x22 mm

Constant Voltage LED Driver Non-dimmable IP66/IP67 Compact

- ❖ Built-in installation with compact and IP66/IP67 waterproof housing
- ❖ Easy installation with mounting slot and cable on pri. & sec. side
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / no load /over voltage / over temperature



Data Sheet



SS6-6V12 SS6-6V24



SS7-12V12 SS7-12V24
SS7-20V12 SS7-20V24

Model	IP Class	Input	Output	PF	Ta ¹	Tc	Dimension (LxBxH)
SS6-6V12	IP66	220-240 Vac	12 Vdc 6 W max.		-20°C~+45°C	85°C	55x29.5x22 mm
SS6-6V24	IP66	220-240 Vac	24 Vdc 6 W max.		-20°C~+45°C	85°C	55x29.5x22 mm
SS7-12V12	IP67	220-240 Vac	12 Vdc 12 W max.	≥0.7	-20°C~+45°C	85°C	57x40x26 mm
SS7-12V24	IP67	220-240 Vac	24 Vdc 12 W max.	≥0.7	-20°C~+45°C	85°C	57x40x26 mm
SS7-20V12	IP67	220-240 Vac	12 Vdc 20 W max.	≥0.7	-20°C~+45°C	85°C	64.5x47.5x28 mm
SS7-20V24	IP67	220-240 Vac	24 Vdc 20 W max.	≥0.7	-20°C~+45°C	85°C	64.5x47.5x28 mm

Constant Voltage LED Driver Non-dimmable IP67

- ❖ Built-in installation with compact and IP67 waterproof housing
- ❖ Easy installation with mounting slot and cable on pri. & sec. side
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / no load /over voltage / over temperature



Data Sheet



LS7-40V12Y LS7-40V24Y
LS7-60V12Y LS7-60V24Y
LS7-100V12Y LS7-100V24Y

LM7-150V24G
LM7-200V24G

LM7-250V24T

LM7-400V24T

Model	Input	Output	PF	Ta ¹	Tc	Dimension (LxBxH) ²
LS7-40V12Y	220-240 Vac	12 Vdc 40 W max.	≥0.9	-20°C~+45°C	85°C	150x40x30 mm
LS7-40V24Y	220-240 Vac	24 Vdc 40 W max.	≥0.9	-20°C~+45°C	85°C	150x40x30 mm
LS7-60V12Y	220-240 Vac	12 Vdc 60 W max.	≥0.9	-20°C~+45°C	85°C	166x43x33 mm
LS7-60V24Y	220-240 Vac	24 Vdc 60 W max.	≥0.9	-20°C~+45°C	85°C	166x43x33 mm
LS7-100V12Y	220-240 Vac	12 Vdc 100 W max.	≥0.9	-20°C~+45°C	85°C	193x52x37 mm
LS7-100V24Y	220-240 Vac	24 Vdc 100 W max.	≥0.9	-20°C~+45°C	85°C	193x52x37 mm
LM7-150V24G	100-277 Vac	24 Vdc 150 W max.	≥0.95	-40°C~+50°C	90°C	215x53x31.5 mm
LM7-200V24G	100-277 Vac	24 Vdc 200 W max.	≥0.95	-40°C~+50°C	90°C	240x53x31.5 mm
LM7-250V24T	200-240 Vac	24 Vdc 250 W max.	≥0.90	-40°C~+50°C	90°C	190x67.5x40 mm
LM7-400V24T ³	200-240 Vac	24 Vdc 400 W max.	≥0.90	-40°C~+50°C	90°C	227x80x42 mm

1) If the Ambient Temperature (Ta) exceeds highest temperature range shown, the Load will start derating, please contact for more details.

2) Dimension shown includes mounting slot but not the length of cables, please contact for more details.

3) Double Output

Constant Current LED Driver Non-dimmable IP20

- ❖ For independent installation with cable terminal connector
- ❖ Easy cable connection with no-screw design
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / over voltage / over temperature



Data Sheet



LS-12C350 LS-20C300
LS-12C500 LS-20C500
LS-12C700 LS-20C700



LS-30C300
LS-30C500
LS-30C700



LS-40C700
LS-40C900
LS-50C1050

Model	Input	Output	PF	Ta	Tc	Dimension (LxBxH)
LS-12C350	220-240 Vac	350 mA 22-40 Vdc	0.85C	-20°C~+45°C	75°C	92x36x25 mm
LS-12C500	220-240 Vac	500 mA 15-25 Vdc	0.85C	-20°C~+45°C	75°C	92x36x25 mm
LS-12C700	220-240 Vac	700 mA 11-17 Vdc	0.85C	-20°C~+45°C	75°C	92x36x25 mm
LS-20C300	220-240 Vac	300 mA 42-70 Vdc	0.85C	-20°C~+45°C	75°C	100x38x25 mm
LS-20C500	220-240 Vac	500 mA 25-42 Vdc	0.95	-20°C~+45°C	80°C	100x38x25 mm
LS-20C700	220-240 Vac	700 mA 18-30 Vdc	0.95	-20°C~+45°C	80°C	100x38x25 mm
LS-30C300	220-240 Vac	300 mA 67-100 Vdc	>0.95	-20°C~+45°C	85°C	116x42.5x28 mm
LS-30C500	220-240 Vac	500 mA 36-60 Vdc	>0.95	-20°C~+45°C	85°C	116x42.5x28 mm
LS-30C700	220-240 Vac	700 mA 24-42 Vdc	>0.95	-20°C~+45°C	85°C	116x42.5x28 mm
LS-40C700	220-240 Vac	700 mA 34.5-57.5 Vdc	>0.95	-20°C~+45°C	85°C	116x42.5x28 mm
LS-40C900	220-240 Vac	900 mA 26.5-44.5 Vdc	>0.95	-20°C~+45°C	85°C	116x42.5x28 mm
LS-50C1050	220-240 Vac	1050 mA 28.5-48 Vdc	>0.95	-20°C~+45°C	85°C	154x45x30 mm

Constant Current LED Driver Non-dimmable IP65

- ❖ For Built-in installation with compact IP65 waterproof housing
- ❖ Easy installation with mounting slot and cable on pri. & sec. side
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / no load / over voltage / over temperature



Data Sheet



SS5-4C350
SS5-4C700
SS5-6C350
SS5-6C500
SS5-6C700



CS5-12C350
CS5-12C500
CS5-12C700
CS5-18C350
CS5-18C500
CS5-18C700



CS5-30C700
CS5-40C900

Model	Input	Output	PF	Ta	Tc	Dimension (LxBxH)
SS5-4C350	100-240 Vac	350 mA 3-12 Vdc	≥ 0.40C	-20°C~+50°C	80°C	53x27x21 mm
SS5-4C700	100-240 Vac	700 mA 2-6 Vdc	≥ 0.40C	-20°C~+50°C	80°C	53x27x21 mm
SS5-6C350	220-240 Vac	350 mA 9-17 Vdc	0.60C	-20°C~+60°C	85°C	53x27x21 mm
SS5-6C500	220-240 Vac	500 mA 6-12 Vdc	0.60C	-20°C~+60°C	85°C	53x27x21 mm
SS5-6C700	220-240 Vac	700 mA 4-9 Vdc	0.60C	-20°C~+60°C	85°C	53x27x21 mm
CS5-12C350	100-240 Vac	350 mA 20-35 Vdc	0.92C	-20°C~+50°C	85°C	∅ 55x26 mm
CS5-12C500	100-240 Vac	500 mA 14-24 Vdc	0.92C	-20°C~+50°C	85°C	∅ 55x26 mm
CS5-12C700	100-240 Vac	700 mA 10.5-17.5 Vdc	0.92C	-20°C~+50°C	85°C	∅ 55x26 mm
CS5-18C350	100-240 Vac	350 mA 31-52 Vdc	0.94C	-20°C~+50°C	80°C	∅ 55x26 mm
CS5-18C500	100-240 Vac	500 mA 21.5-36 Vdc	0.94C	-20°C~+50°C	80°C	∅ 55x26 mm
CS5-30C700	220-240 Vac	700 mA 21-42 Vdc	0.95	-20°C~+60°C	90°C	∅ 65x30 mm
CS5-40C900	220-240 Vac	900 mA 21-42 Vdc	0.995	-20°C~+60°C	90°C	∅ 65x30 mm

Constant Voltage LED Driver TRIAC dimmable IP20

- ❖ Phase-cut dimmable with leading or trailing edge dimmer
- ❖ Smooth dimming effect and low dimming noise
- ❖ Independent installation with cable terminal connector
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / no load / over voltage / over temperature



Data Sheet



LS-25V12-D3
LS-25V24-D3



LS-50V12-D3
LS-50V24-D3



LS-100V12-D3
LS-100V24-D3
LS-150V24-D3

Model	Input	Output	PF	Ta	Tc	Dimension (LxBxH)
LS-25V12-D3	220-240 Vac	12 Vdc 9.6-25 W	0.95	-20°C~+50°C	80°C	128(105 *)x52x30 mm
LS-25V24-D3	220-240 Vac	24 Vdc 9.6-25 W	0.95	-20°C~+50°C	80°C	128(105 *)x52x30 mm
LS-50V12-D3	220-240 Vac	12 Vdc 12-50 W	0.95	-20°C~+50°C	75°C	184x61x32 mm
LS-50V24-D3	220-240 Vac	24 Vdc 12-50 W	0.95	-20°C~+50°C	75°C	184x61x32 mm
LS-100V12-D3	220-240 Vac	12 Vdc 33-100 W	>0.95	-25°C~+45°C	80°C	210x67x34 mm
LS-100V24-D3	220-240 Vac	24 Vdc 33-100 W	>0.95	-25°C~+45°C	80°C	210x67x34 mm
LS-150V24-D3	220-240 Vac	24 Vdc 50-150 W	0.95	-25°C~+45°C	90°C	210x67x34 mm

*) Without Strain Relief

Constant Current LED Driver TRIAC dimmable IP65

- ❖ Phase-cut dimmable with leading or trailing edge dimmer
- ❖ Smooth dimming effect and low dimming noise
- ❖ Built-in installation with compact and waterproof housing (IP65)
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / no load / over voltage / over temperature



Data Sheet



SS5-4C350-D3
SS5-4C500-D3
SS5-4C700-D3



SS5-10C350-D3
SS5-10C500-D3
SS5-10C700-D3



CS5-15C350-D3
CS5-21C500-D3
CS5-30C700-D3

Model	Input	Output		PF	T _a	T _c	Dimension [LxBxH]	
SS5-4C350-D3*	220-240 Vac	350 mA	6-12 Vdc	2-4 W	0.90C	-20°C~+60°C	85°C	48x30x20 mm
SS5-4C500-D3*	220-240 Vac	500 mA	4-8 Vdc	2-4 W	0.90C	-20°C~+60°C	85°C	48x30x20 mm
SS5-4C700-D3*	220-240 Vac	700 mA	2.5-6 Vdc	2-4 W	0.90C	-20°C~+60°C	85°C	48x30x20 mm
SS5-10C350-D3*	220-240 Vac	350 mA	14-29 Vdc	5-10 W	0.90C	-20°C~+60°C	90°C	58x36x20 mm
SS5-10C500-D3*	220-240 Vac	500 mA	10-20 Vdc	5-10 W	0.90C	-20°C~+60°C	90°C	58x36x20 mm
SS5-10C700-D3*	220-240 Vac	700 mA	7-15 Vdc	5-10 W	0.90C	-20°C~+60°C	90°C	58x36x20 mm
CS5-15C350-D3	220-240 Vac	350 mA	21-42 Vdc	7.5-15 W	≥0.95	-20°C~+60°C	85 °C	∅ 56x25 mm
CS5-21C500-D3	220-240 Vac	500 mA	21-42 Vdc	10.5-21 W	≥0.95	-20°C~+60°C	85 °C	∅ 56x25 mm
CS5-30C700-D3	220-240 Vac	700 mA	21-42 Vdc	15-30 W	≥0.95	-20°C~+60°C	85 °C	∅ 56x25 mm

*) trailing edge only

Constant Current LED Driver TRIAC dimmable IP20

- ❖ Phase-cut dimmable with leading or trailing edge dimmer
- ❖ Smooth dimming effect and low dimming noise
- ❖ Independent installation with cable terminal connector (IP20)
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / no load / over voltage / over temperature



Data Sheet



LS-12C350-D3 LS-20C350-D3
LS-12C500-D3 LS-20C500-D3
LS-12C700-D3 LS-20C700-D3



LS-40C500-D3
LS-40C700-D3
LS-50C1050-D3

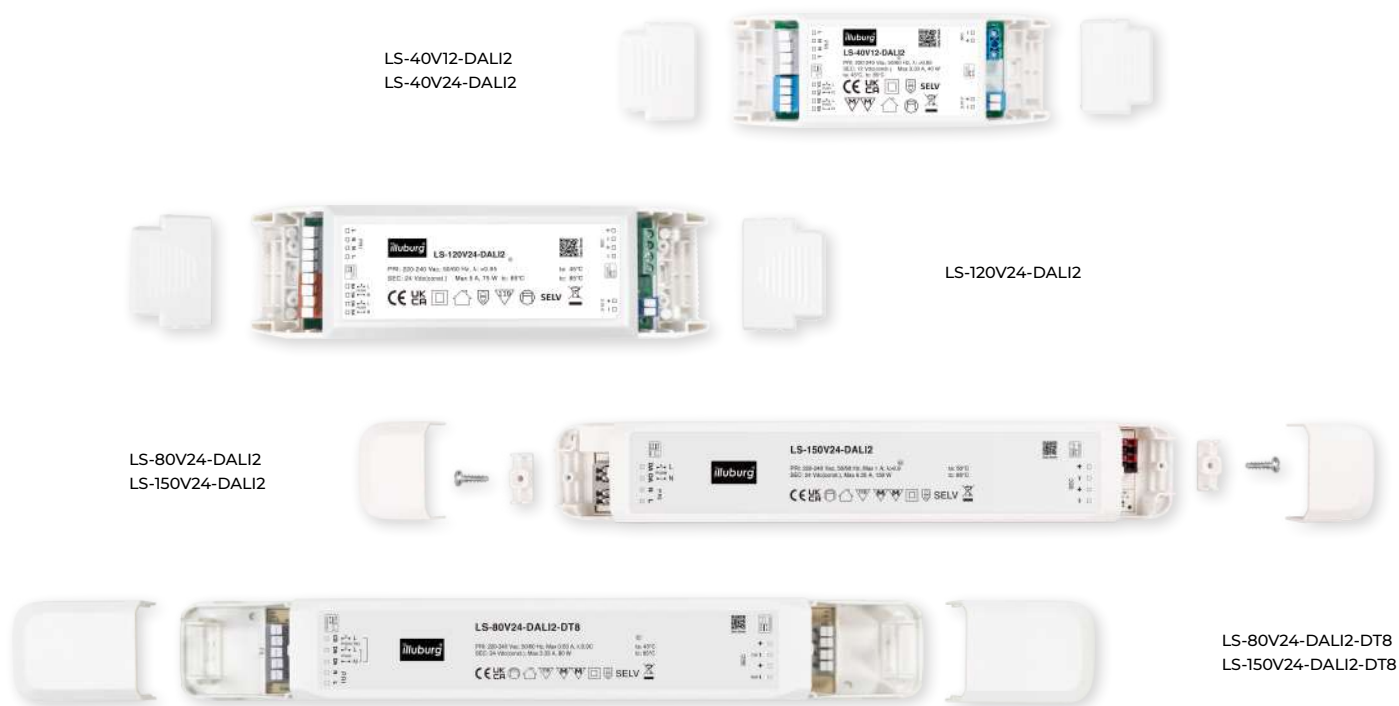
Model	Input	Output	PF	Ta	Tc	Dimension (LxBxH)
LS-12C350-D3	220-240 Vac	350 mA 17-35 Vdc 5.95-12 W	0.95	-20°C~+45°C	85°C	109x40x22 mm
LS-12C500-D3	220-240 Vac	500 mA 12-24 Vdc 6-12 W	0.95	-20°C~+45°C	85°C	109x40x22 mm
LS-12C700-D3	220-240 Vac	700 mA 10-17 Vdc 7-12 W	0.95	-20°C~+45°C	85°C	109x40x22 mm
LS-25C350-D3	220-240 Vac	350 mA 36-72 Vdc 12.6-25.2 W	>0.95	-20°C~+45°C	85°C	120x45x28 mm
LS-25C500-D3	220-240 Vac	500 mA 25-50 Vdc 12.6-25 W	>0.95	-20°C~+45°C	85°C	120x45x28 mm
LS-25C700-D3	220-240 Vac	700 mA 18-36 Vdc 12.6-25.2 W	>0.95	-20°C~+45°C	85°C	120x45x28 mm
LS-40C500-D3	220-240 Vac	500 mA 40-80 Vdc 20-40 W	0.95	-20°C~+45°C	80°C	166x52x24 mm
LS-40C700-D3	220-240 Vac	700 mA 28-56 Vdc 19.6-39.2 W	0.95	-20°C~+45°C	80°C	166x52x24 mm
LS-50C1050-D3	220-240 Vac	1050 mA 24-48 Vdc 25.2-50.4 W	0.95	-20°C~+45°C	85°C	167x52x25 mm

Constant Voltage LED Driver DALI/PUSH (pri.)/0-10V Multi-dimmable IP20

- ❖ 1-100% smooth dimming range with very low noise
- ❖ Memory Function and Re-Synchronization Function for PUSH dimming
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / over voltage / over temperature



Data Sheet



Model	Input	Output	PF	Ta	Tc	Dimension [LxBxH]	Dimming
LS-40V12-DALI2	220-240 Vac	12 Vdc 4-40 W	>0.95	-25°C~+45°C	85°C	150x52x23 mm	DALI-2 (DT-6) / PUSH (pri.) / 0-10V
LS-40V24-DALI2	220-240 Vac	24 Vdc 4-40 W	>0.95	-25°C~+45°C	85°C	150x52x23 mm	DALI-2 (DT-6) / PUSH (pri.) / 0-10V
LS-120V24-DALI2	220-240 Vac	24 Vdc 120 W max.	>0.95	-25°C~+45°C	85°C	202x58x30 mm	DALI-2 (DT-6) / PUSH (pri.) / 0-10V
LS-80V24-DALI2	220-240 Vac	24 Vdc 80 W max.	>0.9	-20°C~+45°C	85°C	290x45x30.5 mm	DALI-2 (DT-6) / PUSH (pri.)
LS-150V24-DALI2	220-240 Vac	24 Vdc 150 W max.	>0.9	-20°C~+45°C	85°C	290x45x30.5 mm	DALI-2 (DT-6) / PUSH (pri.)
LS-80V24-DALI2-DT8	220-240 Vac	24 Vdc 80 W max.	0.9C	-20°C~+45°C	85°C	340x45x30.5 mm	DALI-2 (DT-8) / PUSH (pri.)
LS-150V24-DALI2-DT8	220-240 Vac	24 Vdc 150 W max.	>0.9	-20°C~+45°C	85°C	340x45x30.5 mm	DALI-2 (DT-8) / PUSH (pri.)

Constant Voltage LED Driver DALI/PUSH (pri.) Multi-dimmable IP20 Slim

- ❖ 1-100% smooth dimming range with very low noise
- ❖ Memory Function and Re-Synchronization Function for PUSH dimming
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / over voltage / over temperature



Data Sheet



US-60V24-DALI2



US-100V24-DALI2
US-150V24-DALI2

Model	Input	Output	PF	Ta	Tc	Dimension (LxBxH)	Dimming
US-60V24-DALI2	220-240Vac	24 Vdc 60 W max.	≥0.95	-25°C~+45°C	80 °C	350x30x16 mm	DALI-2 (DT-6) / PUSH (pri.)
US-100V24-DALI2	220-240Vac	24 Vdc 100 W max.	≥0.95	-25°C~+45°C	90 °C	350x30x18 mm	DALI-2 (DT-6) / PUSH (pri.)
US-150V24-DALI2	220-240Vac	24 Vdc 150 W max.	≥0.95	-25°C~+45°C	90 °C	350x30x18 mm	DALI-2 (DT-6) / PUSH (pri.)

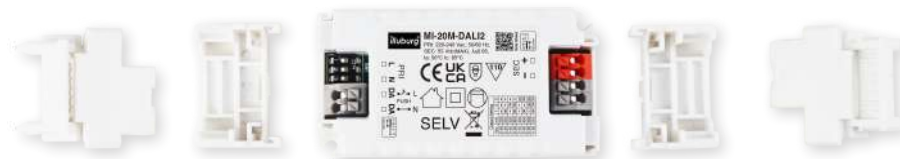
Constant Current LED Driver DALI/PUSH (pri.)/0-10V Multi-dimmable IP20

- ❖ Selectable output current using DIP-switch(EU) 2019/1782
- ❖ 1-100% smooth dimming range with very low noise/ 0-10V
- ❖ Memory Function and Re-Synchronization Function for PUSH dimming
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / over voltage / over temperature



LS-10M-DALI2

ST-25M-DALI2



MI-20M-DALI2
MI-35M-DALI2



ST-30M-DALI2

ST-46M-DALI2
ST-50M-DALI2
ST-60M-DALI2

el	Input	Output	PF	Ta	Tc	Dimension (LxBxH)	Dimming		
LS-10M-DALI2	220-240 Vac	100 mA	9-40 Vdc	1-4 W	0.95	-20°C~+50°C	85°C	120x46x23.8 mm	DALI (DT-6)+ PUSH + 0-10V
		180 mA	9-40 Vdc	1.6-7.2 W					
		270 mA	9-40 Vdc	2.4-10.8 W					
		350 mA	9-36 Vdc	3.2-12.6 W					
		440 mA	9-27 Vdc	4-11.9 W					
ST-25M-DALI2	220-240 Vac	200 mA	30-72 Vdc	6-14.4 W	≥0.95	-20°C~+50°C	85°C	110x50x23.5 mm	DALI (DT-6) + PUSH
		250 mA	30-72 Vdc	7.5-18 W					
		300 mA	30-72 Vdc	9-21.6 W					
		350 mA	30-72 Vdc	10.5-25 W					
MI-20M-DALI2 ¹	220-240 Vac	200mA	3-45Vdc	0.6-9W	≥0.94	-20°C~+50°C	85°C	116x40.5x22 mm 78x40.5x22 mm *	DALI (DT-6) + PUSH
		250mA	3-45Vdc	0.8-11.3W					
		300mA	3-45Vdc	0.9-13.5W					
		350mA	3-45Vdc	1.1-15.8W					
		400mA	3-45Vdc	1.2-18W					
		450mA	3-45Vdc	1.4-20.3W					
		500mA	3-40Vdc	1.5-20W					
		550mA	3-36Vdc	1.7-19.8W					
MI-35M-DALI2 ¹	220-240 Vac	700 mA	3-40 Vdc	2.1-28 W	≥0.95	-20°C~+50°C	85°C	136x42.5x24 mm 96x42.5x24 mm *	DALI (DT-6) + PUSH
		750 mA	3-40 Vdc	2.3-30 W					
		800 mA	3-40 Vdc	2.4-32 W					
		850 mA	3-40 Vdc	2.6-34 W					
		900 mA	3-38 Vdc	2.7-34.2 W					
		950 mA	3-36 Vdc	2.9-34 W					
		1000 mA	3-35 Vdc	3-35 W					
		1050 mA	3-33 Vdc	3.2-34.7 W					
ST-30M-DALI2	220-240 Vac	300 mA	9-58 Vdc	2.7-17 W	0.95	-20°C~+50°C	85°C	103x67x22 mm	DALI (DT-6) + PUSH+1-10V
		350 mA	9-58 Vdc	3-20 W					
		400 mA	9-58 Vdc	3.6-23 W					
		450 mA	9-58 Vdc	4-26 W					
		500 mA	9-58 Vdc	4.5-29 W					
		550 mA	9-55 Vdc	5-30 W					
		600 mA	9-50 Vdc	5.4-30 W					
		650 mA	9-46 Vdc	5.8-30 W					
		700 mA	9-42 Vdc	6.3-30 W					
		750 mA	9-40 Vdc	6.7-30 W					
		800 mA	9-38 Vdc	7.2-30 W					
		850 mA	9-35 Vdc	7.6-30 W					
		900 mA	9-34 Vdc	8.1-30 W					
ST-46M-DALI2	220-240 Vac	700 mA	9-53 Vdc	6.3-37.1 W	0.95	-20°C~+50°C	85°C	123x79x23.8 mm	DALI (DT-6) + PUSH
		750 mA	9-53 Vdc	6.8-39.8 W					
		800 mA	9-53 Vdc	7.2-42.4 W					
		850 mA	9-53 Vdc	7.6-45 W					
		900 mA	9-50 Vdc	8.1-45 W					
		950 mA	9-48 Vdc	8.5-45.6 W					
		1000 mA	9-46 Vdc	9-46 W					
		1050mA	9-44 Vdc	9.5-46 W					
ST-50M-DALI2	220-240 Vac	700 mA	9-58 Vdc	6.3-40.6 W	0.95	-20°C~+50°C	85°C	123x79x23.8 mm	DALI (DT-6) + PUSH +0-10V
		800 mA	9-58 Vdc	7.2-46.4 W					
		900 mA	9-56 Vdc	8.1-50 W					
		1050 mA	9-48 Vdc	9.4-50 W					
		1200 mA	9-41 Vdc	10.8-50 W					
		1300 mA	9-38 Vdc	11.7-50 W					
		1400 mA	9-36 Vdc	12.6-50 W					
ST-60M-DALI2	220-240 Vac	350 mA	9-71 Vdc	3-25 W	0.95	-20°C~+50°C	85°C	123x79x23.8 mm	DALI (DT-6) + PUSH
		500 mA	9-71 Vdc	4.5-36 W					
		550 mA	9-71 Vdc	5-40 W					
		650 mA	9-71 Vdc	5.8-46 W					
		700 mA	9-71 Vdc	6.3-50 W					
		750 mA	9-71 Vdc	6.7-54 W					
		850 mA	9-70 Vdc	7.6-60 W					
		900 mA	9-66 Vdc	8.1-60 W					
		1000 mA	9-60 Vdc	9-60 W					
		1050 mA	9-57 Vdc	9.4-60 W					

* to achieve smaller dimensions for non-independent installation MI-20M-DALI2 & MI-35M-DALI2 have detachable strain relief

Constant Current LED-Driver PUSH (pri. + sec.)/0-10V(1-10V, 10V PWM) Multi-dimmable IP20

- ❖ Selectable output current using DIP-switch
- ❖ 1-100% smooth dimming range with very low noise
- ❖ Memory Function and Re-Synchronization Function for PUSH dimming
- ❖ Conform to European Ecodesign Regulation (EU) 2019/1782
- ❖ Flicker-free / SELV equivalent / CE & UKCA
- ❖ Protection with Self-Recovery: short circuit / over load / over voltage / over temperature



Data Sheet



ST-35M-PV
ST-50M-PV



ST-50M2-PV

Model	Input	Output	PF	Ta	Tc	Dimension (LxBxH)		
ST-35M-PV	220-240 Vac	250 mA	6-60 Vdc	1.5-15 W	≥0.90	-25°C~+50°C	85°C	103x67x22 mm
		350 mA	6-60 Vdc	2.1-21 W				
		450 mA	6-60 Vdc	2.7-27 W				
		500 mA	6-60 Vdc	3-30 W				
		550 mA	6-60 Vdc	3.3-33 W				
		600 mA	6-58 Vdc	3.6-34.8 W				
		700 mA	6-50 Vdc	4.2-35 W				
		800 mA	6-44 Vdc	4.8-35.2 W				
		800 mA	12 Vdc const.	9.6W max.				
		800 mA	24 Vdc const.	19.2W max.				
ST-50M-PV *	220-240 Vac	500 mA	6-60 Vdc	3-30 W	≥0.95	-25°C~+50°C	85°C	123x79x23.8 mm
		600 mA	6-60 Vdc	3.6-36 W				
		650 mA	6-60 Vdc	3.9-39 W				
		700 mA	6-60 Vdc	4.2-42 W				
		750 mA	6-60 Vdc	4.5-45 W				
		800 mA	6-60 Vdc	4.8-48 W				
		850 mA	6-58 Vdc	5.1-49.3 W				
		900 mA	6-55 Vdc	5.4-49.5 W				
		950 mA	6-52 Vdc	5.7-49.4 W				
		1000 mA	6-50 Vdc	6-50 W				
		1050 mA	6-47 Vdc	6.2-49.3 W				
		1100 mA	6-45 Vdc	6.6-49.5 W				
		1200 mA	6-41 Vdc	7.2-49.2 W				
		1200 mA	12 Vdc const.	14.4 W				
1200 m	24 Vdc const.	28.8 W						
ST-50M2-PV	220-240 Vac	SEC 1 **	9-50 Vdc	3-18 W	>0.95	-25°C~+50°C	85°C	123x79x24 mm
		350 mA	9-50 Vdc	5-25 W				
		500 mA	9-50 Vdc	5-25 W				
		550 mA	9-50 Vdc	6-25 W				
		700 mA	9-50 Vdc	7-25 W				
		750 mA	9-50 Vdc	8-25 W				
		900 mA	9-50 Vdc	8-25 W				
		SEC 2 **	9-50 Vdc	3-18 W				
		350 mA	9-50 Vdc	5-25 W				
		500 mA	9-50 Vdc	5-25 W				
		550 mA	9-50 Vdc	6-25 W				
		700 mA	9-50 Vdc	7-25 W				
		750 mA	9-50 Vdc	8-25 W				
		900 mA	9-50 Vdc	8-25 W				

*) ST-50M-PV comes with Port for 12V Sensor

**) If SEC1 and SEC2 both used at the same time, The total power of the two outputs stays ≤ 50W.Sensor



 **illuburg**[®]
a brand of **HUATEC**



illuburg.de

HUATEC GmbH, Droopweg 31, 20537 Hamburg Germany
Tel.: +49 (0) 40 236448800, E-mail: info@illuburg.de