

2026 CATALOG

LED Drivers

30 products

0-10V
DIMMING

CLASS 2
TRANSFO./POWER SUPPLY



0-10V
DIMMING

CLASS 2
TRANSFO./POWER SUPPLY



0-10V
DIMMING

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TRANSFO./POWER SUPPLY



Updated October 4, 2026

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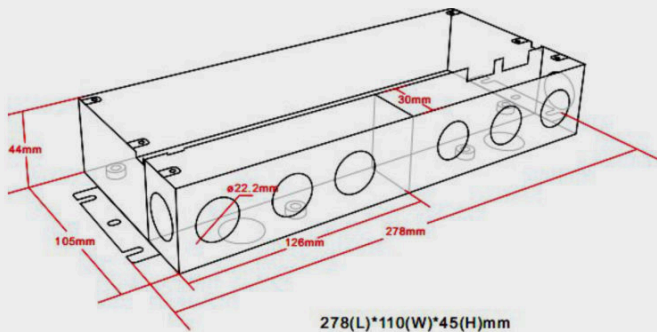
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Images, drawings and specifications are provided for reference only and may change without notice. Visit ledco.ca for the latest version of each spec sheet.



DIMENSIONS: 278 × 110 × 45 mm (L × W × H)



ONE DRIVER FOR EVERY DIMMING SYSTEM

24 V constant-voltage power supplies that accept five dimming modes: TRIAC (wall dimmer), 0-10 V, 1-10 V, 10 V PWM and resistance. One model for residential and commercial projects alike. The 192 W and 288 W have several 96 W outputs, to feed several strip runs without a splitter. Aluminum housing: dry, damp or wet.

FEATURES

- 5 modes: TRIAC (MLV / ELV), 0-10 V, 1-10 V, 10 V PWM, resistance.
- Dimming 0 to 100%, load 10 to 100%.
- Multiple outputs (192 W: 2 × 96 W · 288 W: 3 × 96 W).
- Power factor correction: PF > 0.98.
- Aluminum housing: dry, damp or wet.
- UL / cUL listed, Class 2, Type HL · 7-year warranty.

OUTPUT

Voltage	24 V DC
Rated current	2 × 4 A (2 × 96 W)
Rated power	192 W
Tolerance	±0.5 V
Regulation (line · load)	±0.5% · ±1%
Per output	96 W, 4 A (Class 2)

INPUT

Voltage	100-277 VAC
Frequency	47-63 Hz
Power factor	0.98-0.99 at 120 VAC
Leakage current	< 0.50 mA
Efficiency	87% (120 V) · 89% (277 V)

PROTECTION

Short circuit	shuts down, re-power to recover
Overload	≤ 120%, current limiting, auto recovery
Over temperature	shuts off at 100 °C ±10, auto recovery

ORDERING

The code of this model

1 Series

LCPSLCODIM-5IN1

2 Code

LCPSLCODIM-5IN1-24V-192W-IP67

EXAMPLE **LCPSLCODIM-5IN1-24V-192W-IP67**

192 W · 24 V

ENVIRONMENT

Operating temp.	-40 to +60 °C
Operating humidity	20-90% RH, non-condensing
Location	Dry, damp or wet
Standards	UL 8750, UL 1310 · FCC Part 15 B
Warranty	7 years
Dimensions	278 × 110 × 45 mm
Weight	2.3 kg

LOCATION RATING

✓ Dry

✓ Damp
(covered)

✓ Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
192 W	153.6 W	52.5 ft · 16.0 m	26.2 ft · 8.0 m

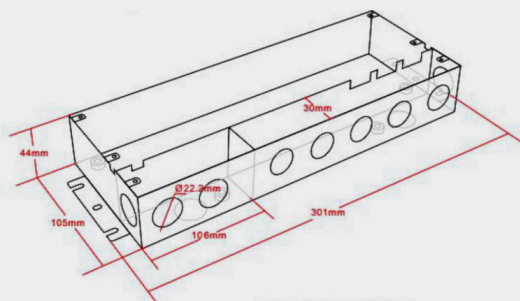
OTHER RATINGS IN THE SERIES

Power	24 V code
96 W	LCPSLCODIM-5IN1-24V-96W-IP67
288 W	LCPSLCODIM-5IN1-24V-288W-IP67

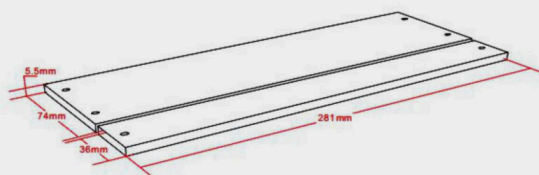
Wiring: black and white = L and N (120 V), green = ground; red = LED +, black = LED -; purple = DIM +, grey = DIM - (0/1-10 V).
Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 301 × 110 × 45 mm (L × W × H)



301(L)*110(W)*45(H) mm



ONE DRIVER FOR EVERY DIMMING SYSTEM

24 V constant-voltage power supplies that accept five dimming modes: TRIAC (wall dimmer), 0-10 V, 1-10 V, 10 V PWM and resistance. One model for residential and commercial projects alike. The 192 W and 288 W have several 96 W outputs, to feed several strip runs without a splitter. Aluminum housing: dry, damp or wet.

FEATURES

- 5 modes: TRIAC (MLV / ELV), 0-10 V, 1-10 V, 10 V PWM, resistance.
- Dimming 0 to 100%, load 10 to 100%.
- Multiple outputs (192 W: 2 × 96 W · 288 W: 3 × 96 W).
- Power factor correction: PF > 0.98.
- Aluminum housing: dry, damp or wet.
- UL / cUL listed, Class 2, Type HL · 7-year warranty.

OUTPUT

Voltage	24 V DC
Rated current	3 × 4 A (3 × 96 W)
Rated power	288 W
Tolerance	±0.5 V
Regulation (line · load)	±0.5% · ±1%
Per output	96 W, 4 A (Class 2)

INPUT

Voltage	100-277 VAC
Frequency	47-63 Hz
Power factor	0.98-0.99 at 120 VAC
Leakage current	< 0.50 mA
Efficiency	87% (120 V) · 89% (277 V)

PROTECTION

Short circuit	shuts down, re-power to recover
Overload	≤ 120%, current limiting, auto recovery
Over temperature	shuts off at 100 °C ±10, auto recovery

ORDERING

The code of this model

1 Series

LCPSLCODIM-5IN1

2 Code

LCPSLCODIM-5IN1-24V-288W-IP67

EXAMPLE

LCPSLCODIM-5IN1-24V-288W-IP67

288 W · 24 V

ENVIRONMENT

Operating temp.	-40 to +60 °C
Operating humidity	20-90% RH, non-condensing
Location	Dry, damp or wet
Standards	UL 8750, UL 1310 · FCC Part 15 B
Warranty	7 years
Dimensions	301 × 110 × 45 mm
Weight	2.4 kg

LOCATION RATING

✓ Dry

✓ Damp
(covered)

✓ Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
288 W	230.4 W	78.7 ft · 24.0 m	39.4 ft · 12.0 m

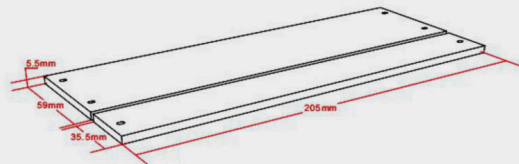
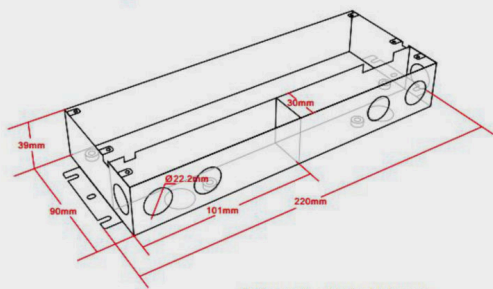
OTHER RATINGS IN THE SERIES

Power	24 V code
96 W	LCPSLCODIM-5IN1-24V-96W-IP67
192 W	LCPSLCODIM-5IN1-24V-192W-IP67

Wiring: black and white = L and N (120 V), green = ground; red = LED +, black = LED -; purple = DIM +, grey = DIM - (0/1-10 V).
Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 220 × 94.5 × 40 mm (L × W × H)



220(L)*94.5(W)*40(H) mm

ONE DRIVER FOR EVERY DIMMING SYSTEM

24 V constant-voltage power supplies that accept five dimming modes: TRIAC (wall dimmer), 0-10 V, 1-10 V, 10 V PWM and resistance. One model for residential and commercial projects alike. The 192 W and 288 W have several 96 W outputs, to feed several strip runs without a splitter. Aluminum housing: dry, damp or wet.

FEATURES

- 5 modes: TRIAC (MLV / ELV), 0-10 V, 1-10 V, 10 V PWM, resistance.
- Dimming 0 to 100%, load 10 to 100%.
- Multiple outputs (192 W: 2 × 96 W · 288 W: 3 × 96 W).
- Power factor correction: PF > 0.98.
- Aluminum housing: dry, damp or wet.
- UL / cUL listed, Class 2, Type HL · 7-year warranty.

OUTPUT

Voltage	24 V DC
Rated current	4 A
Rated power	96 W
Tolerance	±0.5 V
Regulation (line · load)	±0.5% · ±1%
Per output	96 W, 4 A (Class 2)

INPUT

Voltage	100-277 VAC
Frequency	47-63 Hz
Power factor	0.98-0.99 at 120 VAC
Leakage current	< 0.50 mA
Efficiency	83% (120 V) · 86% (277 V)

PROTECTION

Short circuit	shuts down, re-power to recover
Overload	≤ 120%, current limiting, auto recovery
Over temperature	shuts off at 100 °C ±10, auto recovery

ORDERING

The code of this model

1 Series

LCPSLCODIM-5IN1

2 Code

LCPSLCODIM-5IN1-24V-96W-IP67

EXAMPLE **LCPSLCODIM-5IN1-24V-96W-IP67**

96 W · 24 V

ENVIRONMENT

Operating temp.	-40 to +60 °C
Operating humidity	20-90% RH, non-condensing
Location	Dry, damp or wet
Standards	UL 8750, UL 1310 · FCC Part 15 B
Warranty	7 years
Dimensions	220 × 94.5 × 40 mm
Weight	1.3 kg

LOCATION RATING

✓ Dry

✓ Damp
(covered)

✓ Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
96 W	76.8 W	26.2 ft · 8.0 m	13.1 ft · 4.0 m

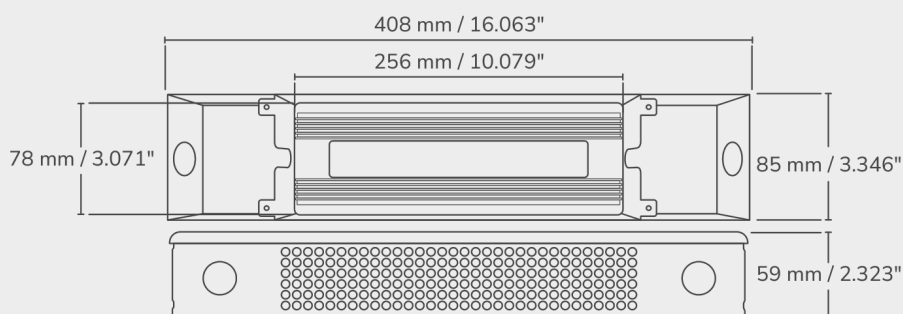
OTHER RATINGS IN THE SERIES

Power	24 V code
192 W	LCPSLCODIM-5IN1-24V-192W-IP67
288 W	LCPSLCODIM-5IN1-24V-288W-IP67

Wiring: black and white = L and N (120 V), green = ground; red = LED +, black = LED -; purple = DIM +, grey = DIM - (0/1-10 V).
 Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 256 × 78 × 59 mm (L × W × H)



SMOOTH, FLICKER-FREE DIMMING

Constant-voltage power supplies for 12 V or 24 V LED strips, puck lights and fixtures. Compatible with standard 120 V wall dimmers (leading- or trailing-edge TRIAC), they dim with no flicker or noise. Five ratings from 24 to 300 W: IP20 for indoor use (24 and 48 W), IP67 for indoor or outdoor use (96 to 300 W).

OUTPUT

Voltage	24 V DC
Rated current	8.33 A
Rated power	200 W
Tolerance	±0.5 V

INPUT

Voltage	100-130 VAC / 170-265 VAC ²
Frequency	47-63 Hz
Power factor	0.70 to 0.98
Efficiency	> 85%

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	≤ 120%
Over current	≤ 1.4 × I out
Over temperature	shuts off at 100 °C ±10

FEATURES

- Available in 24 V (24 to 300 W) and 12 V (24, 48 and 96 W).
- Leading- or trailing-edge TRIAC dimmers.
- 96 to 300 W: IP67 housing, indoor or outdoor.
- Cooling by free air convection.
- Short-circuit, overload and over-temperature protection, auto recovery.
- cETLus certified · 3-year warranty.

ENVIRONMENT

Operating temp.	-40 to +60 °C
Operating humidity	20-90% RH, non-condensing
Protection rating	IP67
Warranty	3 years
Dimensions	256 × 78 × 59 mm
Weight	2.0 kg

LOCATION RATING · IP67

✓ Dry

✓ Damp
(covered)

✓ Wet

ORDERING

The code of this model

1 Series

LCPSLCODIM

2 Code

LCPSLCODIM-24V-200W

EXAMPLE **LCPSLCODIM-24V-200W**
200 W · 24 V

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
200 W	160.0 W	54.7 ft · 16.7 m	27.3 ft · 8.3 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
24 W	LCPSLCODIM-24V-24W	LCPSLCODIM-12V-24W
48 W	LCPSLCODIM-24V-48W	LCPSLCODIM-12V-48W
96 W	LCPSLCODIM-24V-96W	LCPSLCODIM-12V-96W
300 W	LCPSLCODIM-24V-300W	—

COMPATIBLE DIMMERS (120 V)



RECOMMENDED DIMMER

LCDIM-LED150W-LCO

LEDco 120 V LED dimmer - white - 150 W

0-100%

Also compatible

Brand	Model	Range	Brand	Model	Range	Brand	Model	Range
Lutron	SCL-153PR-WH	0-100 %	Lutron	DV-600PR-WH	4-100 %	Lutron	SELV-300P	40-100 %
Lutron	DVCL-153PR-WH	0-100 %	Lutron	DVW-603PGH-WH	4-100 %	Lutron	MSCELV-600M	12-100 %
Lutron	DVWCL-153PH-LA	0-100 %	Lutron	TG-600PR-LA	8-100 %	Lutron	MEF2-6ELV-120	12-100 %
Lutron	CTCL-153PDH-LA	0-100 %	Lutron	TG-600PR-IV	8-100 %	Lutron	DVELV-300P	40-100 %
Lutron	TGCL-153PR-WH	0-100 %	Lutron	TG-600PR-WH	8-100 %	Leviton	VPI06-1LZ	15-100 %
Lutron	TGCL-153PH-WH	0-100 %	Lutron	TG-10PR-WH	15-100 %	Leviton	TTI06-1LZ	1-100 %
Lutron	MACL-153MH-LA	5-100 %	Lutron	S-600PR-WH	4-100 %	Leviton	IPL06	15-100 %
Lutron	CT-600PR-IV	5-100 %	Lutron	MRF2-6ND-120-AL	0-100 %	Leviton	6672	15-100 %
Lutron	CT-600PR-WH	5-100 %	Lutron	MRF2-6CL-GR	3-100 %	Leviton	TBL03	12-100 %
Lutron	CT-603PGH-WH	9-100 %	Lutron	DZ6HD	23-100 %	Leviton	6602	10-100 %
Lutron	CT-103PR-WH	8-100 %	Lutron	PD-6WCL	25-100 %	Leviton	6683	12-100 %
Lutron	DV-600PR-BL	5-100 %	Lutron	PD-5NE-WH	22-100 %			

¹ All models are supplied with their junction box (96 W: 370 × 78 × 57 mm · 200 W: 408 × 85 × 59 mm).

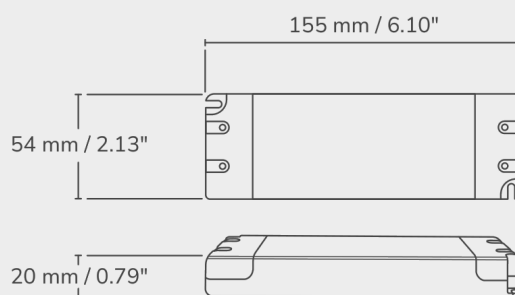
² 300 W: 100-277 VAC.

Maximum strip: 80% of capacity (20% margin).

CLASS 2
 TRANSFO./POWER SUPPLY



DIMENSIONS: 155 × 54 × 20 mm (L × W × H)



SMOOTH, FLICKER-FREE DIMMING

Constant-voltage power supplies for 12 V or 24 V LED strips, puck lights and fixtures. Compatible with standard 120 V wall dimmers (leading- or trailing-edge TRIAC), they dim with no flicker or noise. Five ratings from 24 to 300 W: IP20 for indoor use (24 and 48 W), IP67 for indoor or outdoor use (96 to 300 W).

FEATURES

- Available in 24 V (24 to 300 W) and 12 V (24, 48 and 96 W).
- Leading- or trailing-edge TRIAC dimmers.
- 96 to 300 W: IP67 housing, indoor or outdoor.
- Cooling by free air convection.
- Short-circuit, overload and over-temperature protection, auto recovery.
- cETLus certified · 3-year warranty.

OUTPUT

Voltage	24 V DC · 12 V DC
Rated current	1 A · 2 A
Rated power	24 W
Tolerance	±0.5 V

INPUT

Voltage	100-130 VAC / 170-265 VAC ²
Frequency	47-63 Hz
Power factor	0.70 to 0.98
Efficiency	> 84%

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	≤ 120%
Over current	≤ 1.4 × I out
Over temperature	shuts off at 100 °C ±10

ENVIRONMENT

Operating temp.	-40 to +60 °C
Operating humidity	20-90% RH, non-condensing
Protection rating	IP20
Warranty	3 years
Dimensions	155 × 54 × 20 mm
Weight	0.50 kg



12 V AND 24 V LED POWER SUPPLIES

DIMMABLE LED POWER SUPPLY 24 W - IP20

LCPSLCODIM-24V-24W · LCPSLCODIM-12V-24W

ORDERING

The code of this model

1 Series

LCPSLCODIM

2 Voltage

LCPSLCODIM-24V-24W 24 V

LCPSLCODIM-12V-24W 12 V

EXAMPLE

LCPSLCODIM-24V-24W

24 W · 24 V

LOCATION RATING · IP20

☒ Dry

☐ Damp
(covered)

☐ Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
24 W	19.2 W	6.6 ft · 2.0 m	3.3 ft · 1.0 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
48 W	LCPSLCODIM-24V-48W	LCPSLCODIM-12V-48W
96 W	LCPSLCODIM-24V-96W	LCPSLCODIM-12V-96W
200 W	LCPSLCODIM-24V-200W	—
300 W	LCPSLCODIM-24V-300W	—

COMPATIBLE DIMMERS (120 V)



RECOMMENDED DIMMER

LCDIM-LED150W-LCO

LED CO 120 V LED dimmer - white - 150 W
 0-100%

Also compatible

Brand	Model	Range	Brand	Model	Range	Brand	Model	Range
Lutron	SCL-153PR-WH	0-100 %	Lutron	DV-600PR-WH	4-100 %	Lutron	SELV-300P	40-100 %
Lutron	DVCL-153PR-WH	0-100 %	Lutron	DVW-603PGH-WH	4-100 %	Lutron	MSCELV-600M	12-100 %
Lutron	DVWCL-153PH-LA	0-100 %	Lutron	TG-600PR-LA	8-100 %	Lutron	MEF2-6ELV-120	12-100 %
Lutron	CTCL-153PDH-LA	0-100 %	Lutron	TG-600PR-IV	8-100 %	Lutron	DVELV-300P	40-100 %
Lutron	TGCL-153PR-WH	0-100 %	Lutron	TG-600PR-WH	8-100 %	Leviton	VPI06-1LZ	15-100 %
Lutron	TGCL-153PH-WH	0-100 %	Lutron	TG-10PR-WH	15-100 %	Leviton	TTI06-1LZ	1-100 %
Lutron	MACL-153MH-LA	5-100 %	Lutron	S-600PR-WH	4-100 %	Leviton	IPL06	15-100 %
Lutron	CT-600PR-IV	5-100 %	Lutron	MRF2-6ND-120-AL	0-100 %	Leviton	6672	15-100 %
Lutron	CT-600PR-WH	5-100 %	Lutron	MRF2-6CL-GR	3-100 %	Leviton	TBL03	12-100 %
Lutron	CT-603PGH-WH	9-100 %	Lutron	DZ6HD	23-100 %	Leviton	6602	10-100 %
Lutron	CT-103PR-WH	8-100 %	Lutron	PD-6WCL	25-100 %	Leviton	6683	12-100 %
Lutron	DV-600PR-BL	5-100 %	Lutron	PD-5NE-WH	22-100 %			

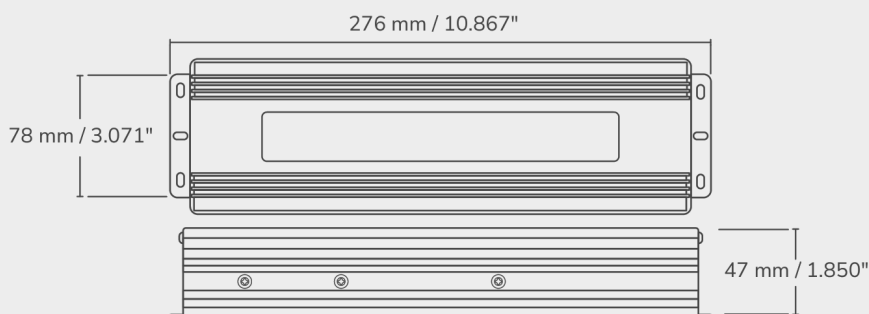
¹ All models are supplied with their junction box (96 W: 370 × 78 × 57 mm · 200 W: 408 × 85 × 59 mm).

² 300 W: 100-277 VAC.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 276 × 78 × 47 mm (L × W × H)



SMOOTH, FLICKER-FREE DIMMING

Constant-voltage power supplies for 12 V or 24 V LED strips, puck lights and fixtures. Compatible with standard 120 V wall dimmers (leading- or trailing-edge TRIAC), they dim with no flicker or noise. Five ratings from 24 to 300 W: IP20 for indoor use (24 and 48 W), IP67 for indoor or outdoor use (96 to 300 W).

FEATURES

- Available in 24 V (24 to 300 W) and 12 V (24, 48 and 96 W).
- Leading- or trailing-edge TRIAC dimmers.
- 96 to 300 W: IP67 housing, indoor or outdoor.
- Cooling by free air convection.
- Short-circuit, overload and over-temperature protection, auto recovery.
- cETLus certified · 3-year warranty.

OUTPUT

Voltage	24 V DC
Rated current	12.5 A
Rated power	300 W
Tolerance	±0.5 V

INPUT

Voltage	100-130 VAC / 170-265 VAC ²
Frequency	47-63 Hz
Power factor	0.70 to 0.98
Efficiency	> 87%

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	≤ 120%
Over current	≤ 1.4 × I out
Over temperature	shuts off at 100 °C ±10

ENVIRONMENT

Operating temp.	-40 to +60 °C
Operating humidity	20-90% RH, non-condensing
Protection rating	IP67
Warranty	3 years
Dimensions	276 × 78 × 47 mm
Weight	2.0 kg

LOCATION RATING · IP67

✓ Dry

✓ Damp
(covered)

✓ Wet

ORDERING

The code of this model

1 Series

LCPSLCODIM

2 Code

LCPSLCODIM-24V-300W

EXAMPLE **LCPSLCODIM-24V-300W**
300 W · 24 V

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
300 W	240.0 W	82.0 ft · 25.0 m	41.0 ft · 12.5 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
24 W	LCPSLCODIM-24V-24W	LCPSLCODIM-12V-24W
48 W	LCPSLCODIM-24V-48W	LCPSLCODIM-12V-48W
96 W	LCPSLCODIM-24V-96W	LCPSLCODIM-12V-96W
200 W	LCPSLCODIM-24V-200W	—

COMPATIBLE DIMMERS (120 V)



RECOMMENDED DIMMER

LCDIM-LED150W-LCO

LEDco 120 V LED dimmer - white - 150 W

0-100%

Also compatible

Brand	Model	Range	Brand	Model	Range	Brand	Model	Range
Lutron	SCL-153PR-WH	0-100 %	Lutron	DV-600PR-WH	4-100 %	Lutron	SELV-300P	40-100 %
Lutron	DVCL-153PR-WH	0-100 %	Lutron	DVW-603PGH-WH	4-100 %	Lutron	MSCELV-600M	12-100 %
Lutron	DVWCL-153PH-LA	0-100 %	Lutron	TG-600PR-LA	8-100 %	Lutron	MEF2-6ELV-120	12-100 %
Lutron	CTCL-153PDH-LA	0-100 %	Lutron	TG-600PR-IV	8-100 %	Lutron	DVELV-300P	40-100 %
Lutron	TGCL-153PR-WH	0-100 %	Lutron	TG-600PR-WH	8-100 %	Leviton	VPI06-1LZ	15-100 %
Lutron	TGCL-153PH-WH	0-100 %	Lutron	TG-10PR-WH	15-100 %	Leviton	TTI06-1LZ	1-100 %
Lutron	MACL-153MH-LA	5-100 %	Lutron	S-600PR-WH	4-100 %	Leviton	IPL06	15-100 %
Lutron	CT-600PR-IV	5-100 %	Lutron	MRF2-6ND-120-AL	0-100 %	Leviton	6672	15-100 %
Lutron	CT-600PR-WH	5-100 %	Lutron	MRF2-6CL-GR	3-100 %	Leviton	TBL03	12-100 %
Lutron	CT-603PGH-WH	9-100 %	Lutron	DZ6HD	23-100 %	Leviton	6602	10-100 %
Lutron	CT-103PR-WH	8-100 %	Lutron	PD-6WCL	25-100 %	Leviton	6683	12-100 %
Lutron	DV-600PR-BL	5-100 %	Lutron	PD-5NE-WH	22-100 %			

¹ All models are supplied with their junction box (96 W: 370 × 78 × 57 mm · 200 W: 408 × 85 × 59 mm).

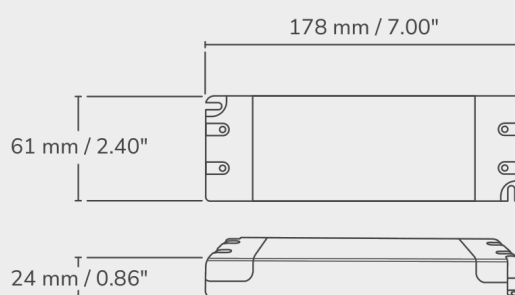
² 300 W: 100-277 VAC.

Maximum strip: 80% of capacity (20% margin).

CLASS 2 
 TRANSFO./POWER SUPPLY



DIMENSIONS: 178 × 61 × 24 mm (L × W × H)



SMOOTH, FLICKER-FREE DIMMING

Constant-voltage power supplies for 12 V or 24 V LED strips, puck lights and fixtures. Compatible with standard 120 V wall dimmers (leading- or trailing-edge TRIAC), they dim with no flicker or noise. Five ratings from 24 to 300 W: IP20 for indoor use (24 and 48 W), IP67 for indoor or outdoor use (96 to 300 W).

OUTPUT

Voltage	24 V DC · 12 V DC
Rated current	2 A · 4 A
Rated power	48 W
Tolerance	±0.5 V

INPUT

Voltage	100-130 VAC / 170-265 VAC ²
Frequency	47-63 Hz
Power factor	0.70 to 0.98
Efficiency	> 84%

FEATURES

- Available in 24 V (24 to 300 W) and 12 V (24, 48 and 96 W).
- Leading- or trailing-edge TRIAC dimmers.
- 96 to 300 W: IP67 housing, indoor or outdoor.
- Cooling by free air convection.
- Short-circuit, overload and over-temperature protection, auto recovery.
- cETLus certified · 3-year warranty.

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	≤ 120%
Over current	≤ 1.4 × I out
Over temperature	shuts off at 100 °C ±10

ENVIRONMENT

Operating temp.	-40 to +60 °C
Operating humidity	20-90% RH, non-condensing
Protection rating	IP20
Warranty	3 years
Dimensions	178 × 61 × 24 mm
Weight	0.50 kg



DIMMABLE LED POWER SUPPLY 48 W - IP20

LCPSLCODIM-24V-48W · LCPSLCODIM-12V-48W

ORDERING

The code of this model

1 Series

LCPSLCODIM

2 Voltage

LCPSLCODIM-24V-48W 24 V

LCPSLCODIM-12V-48W 12 V

EXAMPLE

LCPSLCODIM-24V-48W

48 W · 24 V

LOCATION RATING · IP20

☒ Dry

☐ Damp (covered)

☐ Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
48 W	38.4 W	13.1 ft · 4.0 m	6.6 ft · 2.0 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
24 W	LCPSLCODIM-24V-24W	LCPSLCODIM-12V-24W
96 W	LCPSLCODIM-24V-96W	LCPSLCODIM-12V-96W
200 W	LCPSLCODIM-24V-200W	—
300 W	LCPSLCODIM-24V-300W	—

COMPATIBLE DIMMERS (120 V)



RECOMMENDED DIMMER

LCDIM-LED150W-LCO

LED CO 120 V LED dimmer - white - 150 W
 0-100%

Also compatible

Brand	Model	Range	Brand	Model	Range	Brand	Model	Range
Lutron	SCL-153PR-WH	0-100 %	Lutron	DV-600PR-WH	4-100 %	Lutron	SELV-300P	40-100 %
Lutron	DVCL-153PR-WH	0-100 %	Lutron	DVW-603PGH-WH	4-100 %	Lutron	MSCELV-600M	12-100 %
Lutron	DVWCL-153PH-LA	0-100 %	Lutron	TG-600PR-LA	8-100 %	Lutron	MEF2-6ELV-120	12-100 %
Lutron	CTCL-153PDH-LA	0-100 %	Lutron	TG-600PR-IV	8-100 %	Lutron	DVELV-300P	40-100 %
Lutron	TGCL-153PR-WH	0-100 %	Lutron	TG-600PR-WH	8-100 %	Leviton	VPI06-1LZ	15-100 %
Lutron	TGCL-153PH-WH	0-100 %	Lutron	TG-10PR-WH	15-100 %	Leviton	TTI06-1LZ	1-100 %
Lutron	MACL-153MH-LA	5-100 %	Lutron	S-600PR-WH	4-100 %	Leviton	IPL06	15-100 %
Lutron	CT-600PR-IV	5-100 %	Lutron	MRF2-6ND-120-AL	0-100 %	Leviton	6672	15-100 %
Lutron	CT-600PR-WH	5-100 %	Lutron	MRF2-6CL-GR	3-100 %	Leviton	TBL03	12-100 %
Lutron	CT-603PGH-WH	9-100 %	Lutron	DZ6HD	23-100 %	Leviton	6602	10-100 %
Lutron	CT-103PR-WH	8-100 %	Lutron	PD-6WCL	25-100 %	Leviton	6683	12-100 %
Lutron	DV-600PR-BL	5-100 %	Lutron	PD-5NE-WH	22-100 %			

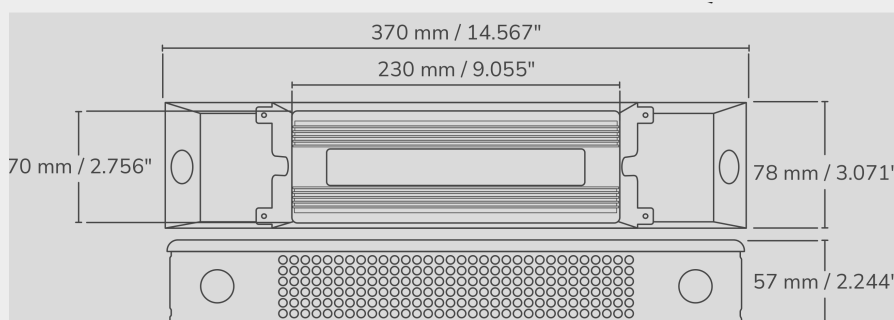
¹ All models are supplied with their junction box (96 W: 370 × 78 × 57 mm · 200 W: 408 × 85 × 59 mm).

² 300 W: 100-277 VAC.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: JUNCTION BOX (370 × 78 × 57 mm) AND POWER SUPPLY (230 × 70 × 46 mm)



SMOOTH, FLICKER-FREE DIMMING

Constant-voltage power supplies for 12 V or 24 V LED strips, puck lights and fixtures. Compatible with standard 120 V wall dimmers (leading- or trailing-edge TRIAC), they dim with no flicker or noise. Five ratings from 24 to 300 W: IP20 for indoor use (24 and 48 W), IP67 for indoor or outdoor use (96 to 300 W).

OUTPUT

Voltage	24 V DC · 12 V DC
Rated current	4 A · 8 A
Rated power	96 W
Tolerance	±0.5 V

INPUT

Voltage	100-130 VAC / 170-265 VAC ²
Frequency	47-63 Hz
Power factor	0.70 to 0.98
Efficiency	> 83%

FEATURES

- Available in 24 V (24 to 300 W) and 12 V (24, 48 and 96 W).
- Leading- or trailing-edge TRIAC dimmers.
- 96 to 300 W: IP67 housing, indoor or outdoor.
- Cooling by free air convection.
- Short-circuit, overload and over-temperature protection, auto recovery.
- cETLus certified · 3-year warranty.

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	≤ 120%
Over current	≤ 1.4 × I out
Over temperature	shuts off at 100 °C ±10

ENVIRONMENT

Operating temp.	-40 to +60 °C
Operating humidity	20-90% RH, non-condensing
Protection rating	IP67
Warranty	3 years
Dimensions	230 × 70 × 46 mm
Weight	1.30 kg



DIMMABLE LED POWER SUPPLY 96 W - IP67

LCPSLCODIM-24V-96W · LCPSLCODIM-12V-96W

ORDERING

The code of this model

1 Series

LCPSLCODIM

2 Voltage

LCPSLCODIM-24V-96W 24 V

LCPSLCODIM-12V-96W 12 V

EXAMPLE

LCPSLCODIM-24V-96W

96 W · 24 V

LOCATION RATING · IP67



Dry



Damp
(covered)



Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
96 W	76.8 W	26.2 ft · 8.0 m	13.1 ft · 4.0 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
24 W	LCPSLCODIM-24V-24W	LCPSLCODIM-12V-24W
48 W	LCPSLCODIM-24V-48W	LCPSLCODIM-12V-48W
200 W	LCPSLCODIM-24V-200W	—
300 W	LCPSLCODIM-24V-300W	—

COMPATIBLE DIMMERS (120 V)



RECOMMENDED DIMMER

LCDIM-LED150W-LCO

LEDco 120 V LED dimmer - white - 150 W
 0-100%

Also compatible

Brand	Model	Range	Brand	Model	Range	Brand	Model	Range
Lutron	SCL-153PR-WH	0-100 %	Lutron	DV-600PR-WH	4-100 %	Lutron	SELV-300P	40-100 %
Lutron	DVCL-153PR-WH	0-100 %	Lutron	DVW-603PGH-WH	4-100 %	Lutron	MSCELV-600M	12-100 %
Lutron	DVWCL-153PH-LA	0-100 %	Lutron	TG-600PR-LA	8-100 %	Lutron	MEF2-6ELV-120	12-100 %
Lutron	CTCL-153PDH-LA	0-100 %	Lutron	TG-600PR-IV	8-100 %	Lutron	DVELV-300P	40-100 %
Lutron	TGCL-153PR-WH	0-100 %	Lutron	TG-600PR-WH	8-100 %	Leviton	VPI06-1LZ	15-100 %
Lutron	TGCL-153PH-WH	0-100 %	Lutron	TG-10PR-WH	15-100 %	Leviton	TTI06-1LZ	1-100 %
Lutron	MACL-153MH-LA	5-100 %	Lutron	S-600PR-WH	4-100 %	Leviton	IPL06	15-100 %
Lutron	CT-600PR-IV	5-100 %	Lutron	MRF2-6ND-120-AL	0-100 %	Leviton	6672	15-100 %
Lutron	CT-600PR-WH	5-100 %	Lutron	MRF2-6CL-GR	3-100 %	Leviton	TBL03	12-100 %
Lutron	CT-603PGH-WH	9-100 %	Lutron	DZ6HD	23-100 %	Leviton	6602	10-100 %
Lutron	CT-103PR-WH	8-100 %	Lutron	PD-6WCL	25-100 %	Leviton	6683	12-100 %
Lutron	DV-600PR-BL	5-100 %	Lutron	PD-5NE-WH	22-100 %			

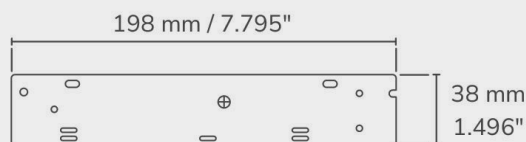
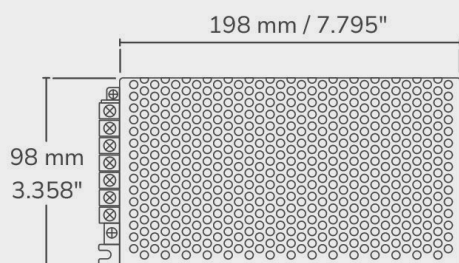
¹ All models are supplied with their junction box (96 W: 370 × 78 × 57 mm · 200 W: 408 × 85 × 59 mm).

² 300 W: 100-277 VAC.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 198 × 98 × 38 mm (L × W × H)



POWER FOR LARGE PROJECTS

Non-dimmable constant-voltage power supplies in a vented enclosure with a terminal block, wired directly to 120 V. For long indoor LED strip runs: 96 to 500 W in 24 V. To be installed in a junction box (LCJUNCBOX-14X5X3 for the 96, 200 and 350 W).

OUTPUT

Voltage	24 V DC
Rated current	8.33 A ³
Rated power	200 W
Tolerance	±0.5 V

INPUT

Voltage	100-240 VAC (200 W: 100-265 VAC)
Frequency	40-60 Hz
Efficiency	> 83%

FEATURES

- Non-dimmable, 24 V constant voltage.
- 96 to 500 W.
- Screw terminal block, direct 120 V connection.
- Indoor only (IP20), in a junction box.
- Short-circuit, overload and over-temperature protection.
- 3-year warranty.

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (96, 500 W: auto recovery)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-25 to +55 °C
Protection rating	IP20
Warranty	3 years
Dimensions	198 × 98 × 38 mm
Weight	0.65 kg

ORDERING

The code of this model

1 Series

LCPSLCO-HW

2 Code

LCPSLCO-HW-24V-200W

EXAMPLE **LCPSLCO-HW-24V-200W**
200 W · 24 V

LOCATION RATING · IP20



Dry

Damp
(covered)

Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
200 W	160.0 W	54.7 ft · 16.7 m	27.3 ft · 8.3 m

OTHER RATINGS IN THE SERIES

Power	24 V code
96 W	LCPSLCO-HW-24V-96W
350 W	LCPSLCO-HW-24V-350W
500 W	LCPSLCO-HW-24V-500W

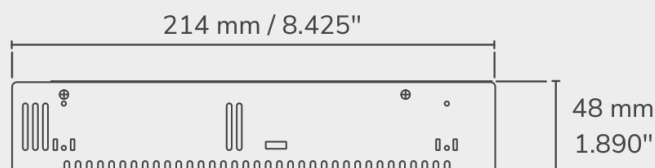
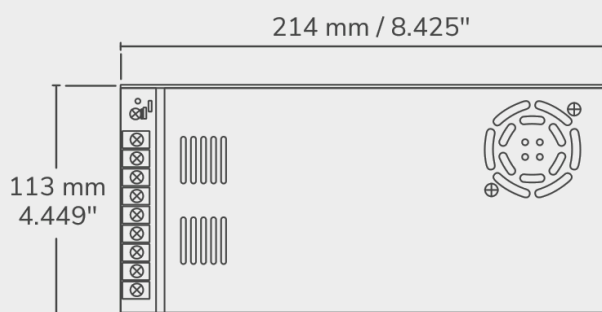
ACCESSORIES

Code	Description	Sold
 LCJUNCBOX-14X5X3	Metal junction box 14.9 × 5.3 × 3.2 in (96, 200 and 350 W)	each

³ Output current calculated (power ÷ 24 V).
Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 214 × 113 × 48 mm (L × W × H)



POWER FOR LARGE PROJECTS

Non-dimmable constant-voltage power supplies in a vented enclosure with a terminal block, wired directly to 120 V. For long indoor LED strip runs: 96 to 500 W in 24 V. To be installed in a junction box (LCJUNCBOX-14X5X3 for the 96, 200 and 350 W).

OUTPUT

Voltage	24 V DC
Rated current	14.58 A ³
Rated power	350 W
Tolerance	±0.5 V

INPUT

Voltage	100-240 VAC (200 W: 100-265 VAC)
Frequency	40-60 Hz
Efficiency	> 83%

FEATURES

- Non-dimmable, 24 V constant voltage.
- 96 to 500 W.
- Screw terminal block, direct 120 V connection.
- Indoor only (IP20), in a junction box.
- Short-circuit, overload and over-temperature protection.
- 3-year warranty.

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (96, 500 W: auto recovery)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-25 to +55 °C
Protection rating	IP20
Warranty	3 years
Dimensions	214 × 113 × 48 mm
Weight	0.65 kg

ORDERING

The code of this model

1 Series

LCPSLCO-HW

2 Code

LCPSLCO-HW-24V-350W

EXAMPLE **LCPSLCO-HW-24V-350W**
350 W · 24 V

LOCATION RATING · IP20

☒ Dry☐ Damp
(covered)☐ Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
350 W	280.0 W	95.7 ft · 29.2 m	47.8 ft · 14.6 m

OTHER RATINGS IN THE SERIES

Power	24 V code
96 W	LCPSLCO-HW-24V-96W
200 W	LCPSLCO-HW-24V-200W
500 W	LCPSLCO-HW-24V-500W

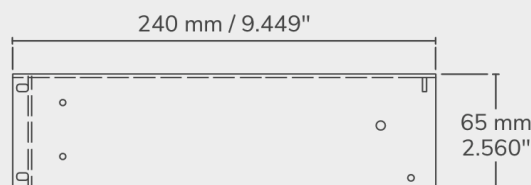
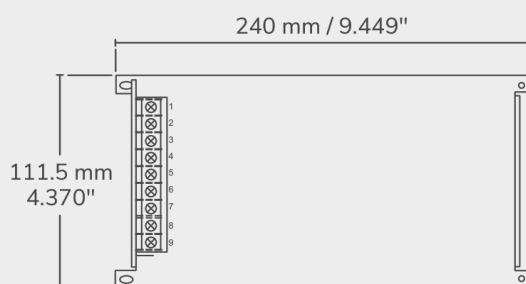
ACCESSORIES

Code	Description	Sold
 LCJUNCBOX-14X5X3	Metal junction box 14.9 × 5.3 × 3.2 in (96, 200 and 350 W)	each

³ Output current calculated (power ÷ 24 V).
Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 240 × 111.5 × 65 mm (L × W × H)



POWER FOR LARGE PROJECTS

Non-dimmable constant-voltage power supplies in a vented enclosure with a terminal block, wired directly to 120 V. For long indoor LED strip runs: 96 to 500 W in 24 V. To be installed in a junction box (LCJUNCBOX-14X5X3 for the 96, 200 and 350 W).

OUTPUT

Voltage	24 V DC
Rated current	20.83 A ³
Rated power	500 W
Tolerance	±0.5 V

INPUT

Voltage	100-240 VAC (200 W: 100-265 VAC)
Frequency	40-60 Hz
Efficiency	> 83%

FEATURES

- Non-dimmable, 24 V constant voltage.
- 96 to 500 W.
- Screw terminal block, direct 120 V connection.
- Indoor only (IP20), in a junction box.
- Short-circuit, overload and over-temperature protection.
- 3-year warranty.

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (96, 500 W: auto recovery)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-25 to +55 °C
Protection rating	IP20
Warranty	3 years
Dimensions	240 × 111.5 × 65 mm
Weight	1.45 kg



12 V AND 24 V LED POWER SUPPLIES

HARDWIRED 24 V LED POWER SUPPLY 500 W

LCPSLCO-HW-24V-500W

ORDERING

The code of this model

1 Series

LCPSLCO-HW

2 Code

LCPSLCO-HW-24V-500W

EXAMPLE **LCPSLCO-HW-24V-500W**
500 W · 24 V

LOCATION RATING · IP20

✓ Dry

✗ Damp
(covered)

✗ Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
500 W	400.0 W	136.7 ft · 41.7 m	68.4 ft · 20.8 m

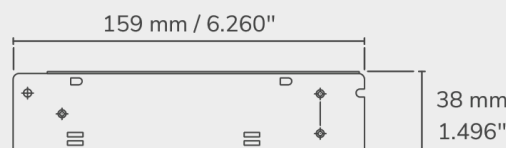
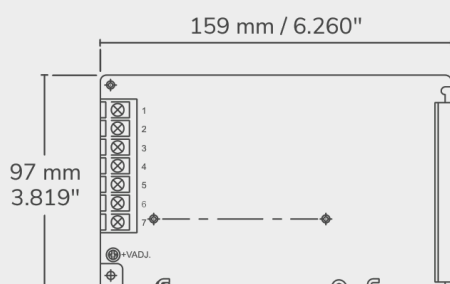
OTHER RATINGS IN THE SERIES

Power	24 V code
96 W	LCPSLCO-HW-24V-96W
200 W	LCPSLCO-HW-24V-200W
350 W	LCPSLCO-HW-24V-350W

³ Output current calculated (power ÷ 24 V).
Maximum strip: 80% of capacity (20% margin).
The LCJUNCBOX-14X5X3 junction box does not fit the 500 W (website description).



DIMENSIONS: 159 × 97 × 38 mm (L × W × H)



POWER FOR LARGE PROJECTS

Non-dimmable constant-voltage power supplies in a vented enclosure with a terminal block, wired directly to 120 V. For long indoor LED strip runs: 96 to 500 W in 24 V. To be installed in a junction box (LCJUNCBOX-14X5X3 for the 96, 200 and 350 W).

OUTPUT

Voltage	24 V DC
Rated current	4 A ³
Rated power	96 W
Tolerance	±0.5 V

INPUT

Voltage	100-240 VAC (200 W: 100-265 VAC)
Frequency	40-60 Hz
Efficiency	> 83%

FEATURES

- Non-dimmable, 24 V constant voltage.
- 96 to 500 W.
- Screw terminal block, direct 120 V connection.
- Indoor only (IP20), in a junction box.
- Short-circuit, overload and over-temperature protection.
- 3-year warranty.

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (96, 500 W: auto recovery)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-25 to +55 °C
Protection rating	IP20
Warranty	3 years
Dimensions	159 × 97 × 38 mm
Weight	0.65 kg

ORDERING

The code of this model

1 Series

LCPSLCO-HW

2 Code

LCPSLCO-HW-24V-96W

EXAMPLE **LCPSLCO-HW-24V-96W**
96 W · 24 V

LOCATION RATING · IP20

☒ Dry☐ Damp
(covered)☐ Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
96 W	76.8 W	26.2 ft · 8.0 m	13.1 ft · 4.0 m

OTHER RATINGS IN THE SERIES

Power	24 V code
200 W	LCPSLCO-HW-24V-200W
350 W	LCPSLCO-HW-24V-350W
500 W	LCPSLCO-HW-24V-500W

ACCESSORIES

Code	Description	Sold
 LCJUNCBOX-14X5X3	Metal junction box 14.9 × 5.3 × 3.2 in (96, 200 and 350 W)	each

³ Output current calculated (power ÷ 24 V).
Maximum strip: 80% of capacity (20% margin).



THE FOUR RATINGS



12 W



30 W



60 W



96 W

PLUG IN AND LIGHT UP

Non-dimmable power supplies that plug into a standard 120 V wall outlet: no electrical wiring. For mobile or temporary installations, showcases and furniture. 12 V or 24 V LED strips and puck lights, 12 to 96 W.

FEATURES

- Plug into a standard 120 V outlet.
- 12 V and 24 V, 12 to 96 W.
- For LED strips and puck lights.
- Mobile or temporary installation.
- Class 2.
- cETL certified · 1-year warranty.

OUTPUT

Voltage	24 V DC · 12 V DC
Rated current	0.5 A ³ · 1 A ³
Rated power	12 W

INPUT

Voltage	100-240 VAC (120 V wall outlet)
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PROTECTION

Class	2
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ENVIRONMENT

Use	indoor
Protection rating	IP20
Warranty	1 year

LOCATION RATING · IP20

☒ Dry	☐ Damp (covered)	☐ Wet
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ORDERING

The code of this model

1 Series

LCPS-PLUGIN

2 Voltage

LCPS-24V-12W-PLUGIN 24 V

LCPS12V-12W-PLUGIN 12 V

EXAMPLE

LCPS-24V-12W-PLUGIN

12 W · 24 V

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
12 W	9.6 W	3.3 ft · 1.0 m	1.6 ft · 0.5 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
30 W	LCPS-24V-30W-PLUGIN	LCPS12V-30W-PLUGIN
60 W	LCPS-24V-60W-PLUGIN	LCPS12V-60W-PLUGIN
96 W	LCPS-24V-96W-PLUGIN	LCPS12V-96W-PLUGIN

³ Output current calculated (power ÷ voltage).
 Maximum strip: 80% of capacity (20% margin).



THE FOUR RATINGS



12 W



30 W



60 W



96 W

PLUG IN AND LIGHT UP

Non-dimmable power supplies that plug into a standard 120 V wall outlet: no electrical wiring. For mobile or temporary installations, showcases and furniture. 12 V or 24 V LED strips and puck lights, 12 to 96 W.

FEATURES

- Plug into a standard 120 V outlet.
- 12 V and 24 V, 12 to 96 W.
- For LED strips and puck lights.
- Mobile or temporary installation.
- Class 2.
- cETL certified · 1-year warranty.

OUTPUT

Voltage	24 V DC · 12 V DC
Rated current	1.25 A ³ · 2.5 A ³
Rated power	30 W

INPUT

Voltage	100-240 VAC (120 V wall outlet)
---------	---------------------------------

PROTECTION

Class	2
-------	---

ENVIRONMENT

Use	indoor
Protection rating	IP20
Warranty	1 year

LOCATION RATING · IP20

✓ Dry

✗ Damp
(covered)

✗ Wet

ORDERING

The code of this model

1 Series

LCPS-PLUGIN

2 Voltage

LCPS-24V-30W-PLUGIN 24 V

LCPS12V-30W-PLUGIN 12 V

EXAMPLE

LCPS-24V-30W-PLUGIN

30 W · 24 V

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
30 W	24.0 W	8.2 ft · 2.5 m	4.1 ft · 1.2 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPS-24V-12W-PLUGIN	LCPS12V-12W-PLUGIN
60 W	LCPS-24V-60W-PLUGIN	LCPS12V-60W-PLUGIN
96 W	LCPS-24V-96W-PLUGIN	LCPS12V-96W-PLUGIN

³ Output current calculated (power ÷ voltage).
 Maximum strip: 80% of capacity (20% margin).



THE FOUR RATINGS



12 W



30 W



60 W



96 W

PLUG IN AND LIGHT UP

Non-dimmable power supplies that plug into a standard 120 V wall outlet: no electrical wiring. For mobile or temporary installations, showcases and furniture. 12 V or 24 V LED strips and puck lights, 12 to 96 W.

FEATURES

- Plug into a standard 120 V outlet.
- 12 V and 24 V, 12 to 96 W.
- For LED strips and puck lights.
- Mobile or temporary installation.
- Class 2.
- cETL certified · 1-year warranty.

OUTPUT

Voltage	24 V DC · 12 V DC
Rated current	2.5 A ³ · 5 A ³
Rated power	60 W

INPUT

Voltage	100-240 VAC (120 V wall outlet)
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PROTECTION

Class	2
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ENVIRONMENT

Use	indoor
Protection rating	IP20
Warranty	1 year

LOCATION RATING · IP20

✓ Dry

✗ Damp
(covered)

✗ Wet

ORDERING

The code of this model

1 Series

LCPS-PLUGIN

2 Voltage

LCPS-24V-60W-PLUGIN 24 V

LCPS12V-60W-PLUGIN 12 V

EXAMPLE

LCPS-24V-60W-PLUGIN

60 W · 24 V

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
60 W	48.0 W	16.4 ft · 5.0 m	8.2 ft · 2.5 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPS-24V-12W-PLUGIN	LCPS12V-12W-PLUGIN
30 W	LCPS-24V-30W-PLUGIN	LCPS12V-30W-PLUGIN
96 W	LCPS-24V-96W-PLUGIN	LCPS12V-96W-PLUGIN

³ Output current calculated (power ÷ voltage).
 Maximum strip: 80% of capacity (20% margin).



THE FOUR RATINGS

**12 W****30 W****60 W****96 W**

PLUG IN AND LIGHT UP

Non-dimmable power supplies that plug into a standard 120 V wall outlet: no electrical wiring. For mobile or temporary installations, showcases and furniture. 12 V or 24 V LED strips and puck lights, 12 to 96 W.

FEATURES

- Plug into a standard 120 V outlet.
- 12 V and 24 V, 12 to 96 W.
- For LED strips and puck lights.
- Mobile or temporary installation.
- Class 2.
- cETL certified · 1-year warranty.

OUTPUT

Voltage	24 V DC · 12 V DC
Rated current	4 A ³ · 8 A ³
Rated power	96 W

INPUT

Voltage	100-240 VAC (120 V wall outlet)
---------	---------------------------------

PROTECTION

Class	2
-------	---

ENVIRONMENT

Use	indoor
Protection rating	IP20
Warranty	1 year

LOCATION RATING · IP20



Dry

Damp
(covered)

Wet

ORDERING

The code of this model

1 Series

LCPS-PLUGIN

2 Voltage

LCPS-24V-96W-PLUGIN 24 V

LCPS12V-96W-PLUGIN 12 V

EXAMPLE

LCPS-24V-96W-PLUGIN

96 W · 24 V

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
96 W	76.8 W	26.2 ft · 8.0 m	13.1 ft · 4.0 m

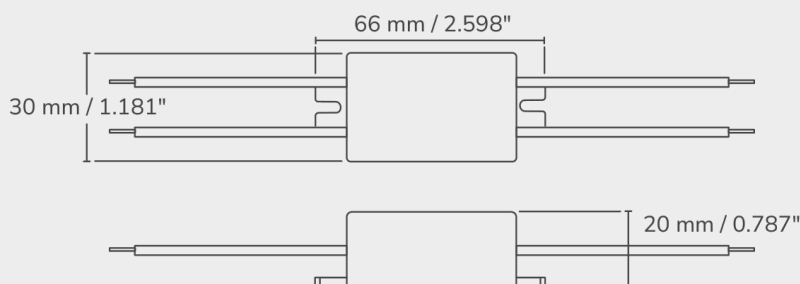
OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPS-24V-12W-PLUGIN	LCPS12V-12W-PLUGIN
30 W	LCPS-24V-30W-PLUGIN	LCPS12V-30W-PLUGIN
60 W	LCPS-24V-60W-PLUGIN	LCPS12V-60W-PLUGIN

³ Output current calculated (power ÷ voltage).
 Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 66 × 30 × 20 mm (L × W × H)



INDOORS AND OUTDOORS

Non-dimmable constant-voltage power supplies for 24 V LED strips, puck lights and fixtures (and 12 V in 24 W and 60 W). IP67 waterproof housing for indoor or outdoor use, cooled by free air convection. Nine ratings from 12 to 384 W.

OUTPUT

Voltage	24 V DC
Rated current	0.5 A
Rated power	12 W
Tolerance	±0.5 V

INPUT

Voltage	100-265 VAC ¹
Frequency	50-60 Hz (47-63 Hz: 300 and 384 W)
Efficiency	> 81%

FEATURES

- Non-dimmable, constant voltage.
- IP67 housing: indoor or outdoor.
- Nine ratings, 12 to 384 W.
- Short-circuit, overload and over-temperature protection.
- 100% full-load burn-in test.
- ETL certified · 3-year warranty (300 W: 7 years).

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (300, 384 W: ≤ 120%)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-30 to +50 °C ²
Operating humidity	20-99% RH, non-condensing
Protection rating	IP67
Warranty	3 years (300 W: 7 years)
Dimensions	66 × 30 × 20 mm
Weight	0.051 kg

ORDERING

The code of this model

1 Series

LCPSLCO

2 Code

LCPSLCO-24V-12WIP67

EXAMPLE

LCPSLCO-24V-12WIP67

12 W · 24 V

LOCATION RATING · IP67



Dry

Damp
(covered)

Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
12 W	9.6 W	3.3 ft · 1.0 m	1.6 ft · 0.5 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
24 W	LCPSLCO-24V-24WIP67	LCPSLCO-12V-24WIP67
36 W	LCPSLCO-24V-36WIP67	—
60 W	LCPSLCO-24V-60WIP67	LCPSLPV-12V-60WIP67
96 W	LCPSLCO-24V-96WIP67	—
150 W	LCPSLCO-24V-150WIP67	—
250 W	LCPSLCO-24V-250WIP67	—
300 W	LCPSLCO-24V-300WIP67	—
384 W	LCPSLCO-24V-384WIP67	—

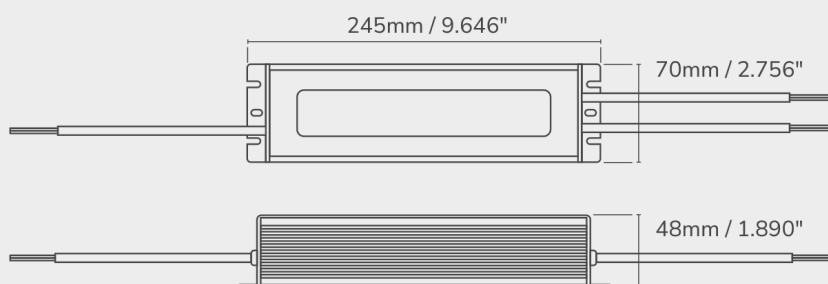
¹ 12 W: 90-265 VAC · 300 and 384 W: 100-277 VAC, power factor correction (PF 0.99) on the 300 W.² 150 W: up to +55 °C · 250 W: -40 to +50 °C · 300 and 384 W: -40 to +60 °C.

300 W: two pairs of 2 × 14 AWG output wires; 384 W: 4 outputs of 4 A.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 245 × 70 × 48 mm (L × W × H)



INDOORS AND OUTDOORS

Non-dimmable constant-voltage power supplies for 24 V LED strips, puck lights and fixtures (and 12 V in 24 W and 60 W). IP67 waterproof housing for indoor or outdoor use, cooled by free air convection. Nine ratings from 12 to 384 W.

OUTPUT

Voltage	24 V DC
Rated current	6.25 A
Rated power	150 W
Tolerance	±0.5 V

INPUT

Voltage	100-265 VAC ¹
Frequency	50-60 Hz (47-63 Hz: 300 and 384 W)
Efficiency	> 87%

FEATURES

- Non-dimmable, constant voltage.
- IP67 housing: indoor or outdoor.
- Nine ratings, 12 to 384 W.
- Short-circuit, overload and over-temperature protection.
- 100% full-load burn-in test.
- ETL certified · 3-year warranty (300 W: 7 years).

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (300, 384 W: ≤ 120%)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-30 to +50 °C ²
Operating humidity	20-99% RH, non-condensing
Protection rating	IP67
Warranty	3 years (300 W: 7 years)
Dimensions	245 × 70 × 48 mm
Weight	1.30 kg

ORDERING

The code of this model

1 Series LCPSLCO	2 Code LCPSLCO-24V-150WIP67
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EXAMPLE	LCPSLCO-24V-150WIP67 150 W · 24 V
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LOCATION RATING · IP67

✓ Dry	✓ Damp (covered)	✓ Wet
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MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
150 W	120.0 W	41.0 ft · 12.5 m	20.5 ft · 6.2 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPSLCO-24V-12WIP67	—
24 W	LCPSLCO-24V-24WIP67	LCPSLCO-12V-24WIP67
36 W	LCPSLCO-24V-36WIP67	—
60 W	LCPSLCO-24V-60WIP67	LCPSLPV-12V-60WIP67
96 W	LCPSLCO-24V-96WIP67	—
250 W	LCPSLCO-24V-250WIP67	—
300 W	LCPSLCO-24V-300WIP67	—
384 W	LCPSLCO-24V-384WIP67	—

¹ 12 W: 90-265 VAC · 300 and 384 W: 100-277 VAC, power factor correction (PF 0.99) on the 300 W.

² 150 W: up to +55 °C · 250 W: -40 to +50 °C · 300 and 384 W: -40 to +60 °C.

300 W: two pairs of 2 × 14 AWG output wires; 384 W: 4 outputs of 4 A.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 182 × 29 × 20 mm (L × W × H)



INDOORS AND OUTDOORS

Non-dimmable constant-voltage power supplies for 24 V LED strips, puck lights and fixtures (and 12 V in 24 W and 60 W). IP67 waterproof housing for indoor or outdoor use, cooled by free air convection. Nine ratings from 12 to 384 W.

OUTPUT

Voltage	24 V DC · 12 V DC
Rated current	1 A · 2 A
Rated power	24 W
Tolerance	±0.5 V

INPUT

Voltage	100-265 VAC ¹
Frequency	50-60 Hz (47-63 Hz: 300 and 384 W)
Efficiency	> 83%

FEATURES

- Non-dimmable, constant voltage.
- IP67 housing: indoor or outdoor.
- Nine ratings, 12 to 384 W.
- Short-circuit, overload and over-temperature protection.
- 100% full-load burn-in test.
- ETL certified · 3-year warranty (300 W: 7 years).

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (300, 384 W: ≤ 120%)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-30 to +50 °C ²
Operating humidity	20-99% RH, non-condensing
Protection rating	IP67
Warranty	3 years (300 W: 7 years)
Dimensions	182 × 29 × 20 mm
Weight	0.20 kg

ORDERING

The code of this model

1 Series LCPSLCO	2 Voltage LCPSLCO-24V-24WIP67 24 V LCPSLCO-12V-24WIP67 12 V
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EXAMPLE	LCPSLCO-24V-24WIP67 24 W · 24 V
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LOCATION RATING · IP67

✓ Dry	✓ Damp (covered)	✓ Wet
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MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
24 W	19.2 W	6.6 ft · 2.0 m	3.3 ft · 1.0 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPSLCO-24V-12WIP67	—
36 W	LCPSLCO-24V-36WIP67	—
60 W	LCPSLCO-24V-60WIP67	LCPSLPV-12V-60WIP67
96 W	LCPSLCO-24V-96WIP67	—
150 W	LCPSLCO-24V-150WIP67	—
250 W	LCPSLCO-24V-250WIP67	—
300 W	LCPSLCO-24V-300WIP67	—
384 W	LCPSLCO-24V-384WIP67	—

¹ 12 W: 90-265 VAC · 300 and 384 W: 100-277 VAC, power factor correction (PF 0.99) on the 300 W.

² 150 W: up to +55 °C · 250 W: -40 to +50 °C · 300 and 384 W: -40 to +60 °C.

300 W: two pairs of 2 × 14 AWG output wires; 384 W: 4 outputs of 4 A.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 245 × 73 × 41 mm (L × W × H)



INDOORS AND OUTDOORS

Non-dimmable constant-voltage power supplies for 24 V LED strips, puck lights and fixtures (and 12 V in 24 W and 60 W). IP67 waterproof housing for indoor or outdoor use, cooled by free air convection. Nine ratings from 12 to 384 W.

OUTPUT

Voltage	24 V DC
Rated current	10.42 A
Rated power	250 W
Tolerance	±0.5 V

INPUT

Voltage	100-265 VAC ¹
Frequency	50-60 Hz (47-63 Hz: 300 and 384 W)
Efficiency	> 89%

FEATURES

- Non-dimmable, constant voltage.
- IP67 housing: indoor or outdoor.
- Nine ratings, 12 to 384 W.
- Short-circuit, overload and over-temperature protection.
- 100% full-load burn-in test.
- ETL certified · 3-year warranty (300 W: 7 years).

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (300, 384 W: ≤ 120%)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-30 to +50 °C ²
Operating humidity	20-99% RH, non-condensing
Protection rating	IP67
Warranty	3 years (300 W: 7 years)
Dimensions	245 × 73 × 41 mm
Weight	1.40 kg

ORDERING

The code of this model

1 Series LCPSLCO	2 Code LCPSLCO-24V-250WIP67
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EXAMPLE	LCPSLCO-24V-250WIP67 250 W · 24 V
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LOCATION RATING · IP67

✓ Dry	✓ Damp (covered)	✓ Wet
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MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
250 W	200.0 W	68.4 ft · 20.8 m	34.2 ft · 10.4 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPSLCO-24V-12WIP67	—
24 W	LCPSLCO-24V-24WIP67	LCPSLCO-12V-24WIP67
36 W	LCPSLCO-24V-36WIP67	—
60 W	LCPSLCO-24V-60WIP67	LCPSLPV-12V-60WIP67
96 W	LCPSLCO-24V-96WIP67	—
150 W	LCPSLCO-24V-150WIP67	—
300 W	LCPSLCO-24V-300WIP67	—
384 W	LCPSLCO-24V-384WIP67	—

¹ 12 W: 90-265 VAC · 300 and 384 W: 100-277 VAC, power factor correction (PF 0.99) on the 300 W.

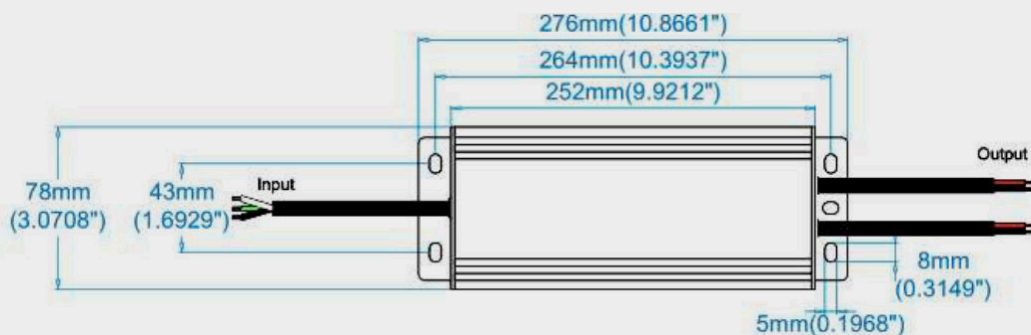
² 150 W: up to +55 °C · 250 W: -40 to +50 °C · 300 and 384 W: -40 to +60 °C.

300 W: two pairs of 2 × 14 AWG output wires; 384 W: 4 outputs of 4 A.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 276 × 78 × 47 mm (L × W × H)



INDOORS AND OUTDOORS

Non-dimmable constant-voltage power supplies for 24 V LED strips, puck lights and fixtures (and 12 V in 24 W and 60 W). IP67 waterproof housing for indoor or outdoor use, cooled by free air convection. Nine ratings from 12 to 384 W.

FEATURES

- Non-dimmable, constant voltage.
- IP67 housing: indoor or outdoor.
- Nine ratings, 12 to 384 W.
- Short-circuit, overload and over-temperature protection.
- 100% full-load burn-in test.
- ETL certified · 3-year warranty (300 W: 7 years).

OUTPUT

Voltage	24 V DC
Rated current	12.5 A
Rated power	300 W
Tolerance	±0.5 V

INPUT

Voltage	100-265 VAC ¹
Frequency	50-60 Hz (47-63 Hz: 300 and 384 W)
Efficiency	> 92% (88% at 120 V)

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (300, 384 W: ≤ 120%)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-30 to +50 °C ²
Operating humidity	20-99% RH, non-condensing
Protection rating	IP67
Warranty	3 years (300 W: 7 years)
Dimensions	276 × 78 × 47 mm
Weight	1.70 kg

ORDERING

The code of this model

1 Series LCPSLCO	2 Code LCPSLCO-24V-300WIP67
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EXAMPLE	LCPSLCO-24V-300WIP67 300 W · 24 V
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LOCATION RATING · IP67

✓ Dry	✓ Damp (covered)	✓ Wet
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MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
300 W	240.0 W	82.0 ft · 25.0 m	41.0 ft · 12.5 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPSLCO-24V-12WIP67	—
24 W	LCPSLCO-24V-24WIP67	LCPSLCO-12V-24WIP67
36 W	LCPSLCO-24V-36WIP67	—
60 W	LCPSLCO-24V-60WIP67	LCPSLPV-12V-60WIP67
96 W	LCPSLCO-24V-96WIP67	—
150 W	LCPSLCO-24V-150WIP67	—
250 W	LCPSLCO-24V-250WIP67	—
384 W	LCPSLCO-24V-384WIP67	—

¹ 12 W: 90-265 VAC · 300 and 384 W: 100-277 VAC, power factor correction (PF 0.99) on the 300 W.

² 150 W: up to +55 °C · 250 W: -40 to +50 °C · 300 and 384 W: -40 to +60 °C.

300 W: two pairs of 2 × 14 AWG output wires; 384 W: 4 outputs of 4 A.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 165 × 29 × 20 mm (L × W × H)



INDOORS AND OUTDOORS

Non-dimmable constant-voltage power supplies for 24 V LED strips, puck lights and fixtures (and 12 V in 24 W and 60 W). IP67 waterproof housing for indoor or outdoor use, cooled by free air convection. Nine ratings from 12 to 384 W.

OUTPUT

Voltage	24 V DC
Rated current	1.5 A
Rated power	36 W
Tolerance	±0.5 V

INPUT

Voltage	100-265 VAC ¹
Frequency	50-60 Hz (47-63 Hz: 300 and 384 W)
Efficiency	> 84%

FEATURES

- Non-dimmable, constant voltage.
- IP67 housing: indoor or outdoor.
- Nine ratings, 12 to 384 W.
- Short-circuit, overload and over-temperature protection.
- 100% full-load burn-in test.
- ETL certified · 3-year warranty (300 W: 7 years).

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (300, 384 W: ≤ 120%)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-30 to +50 °C ²
Operating humidity	20-99% RH, non-condensing
Protection rating	IP67
Warranty	3 years (300 W: 7 years)
Dimensions	165 × 29 × 20 mm
Weight	0.20 kg

ORDERING

The code of this model

1 Series

LCPSLCO

2 Code

LCPSLCO-24V-36WIP67

EXAMPLE

LCPSLCO-24V-36WIP67

36 W · 24 V

LOCATION RATING · IP67



Dry

Damp
(covered)

Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
36 W	28.8 W	9.8 ft · 3.0 m	4.9 ft · 1.5 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPSLCO-24V-12WIP67	—
24 W	LCPSLCO-24V-24WIP67	LCPSLCO-12V-24WIP67
60 W	LCPSLCO-24V-60WIP67	LCPSLPV-12V-60WIP67
96 W	LCPSLCO-24V-96WIP67	—
150 W	LCPSLCO-24V-150WIP67	—
250 W	LCPSLCO-24V-250WIP67	—
300 W	LCPSLCO-24V-300WIP67	—
384 W	LCPSLCO-24V-384WIP67	—

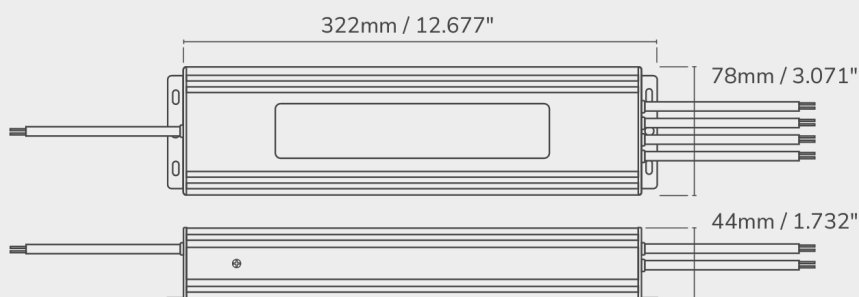
¹ 12 W: 90-265 VAC · 300 and 384 W: 100-277 VAC, power factor correction (PF 0.99) on the 300 W.² 150 W: up to +55 °C · 250 W: -40 to +50 °C · 300 and 384 W: -40 to +60 °C.

300 W: two pairs of 2 × 14 AWG output wires; 384 W: 4 outputs of 4 A.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 322 × 78 × 44 mm (L × W × H)



INDOORS AND OUTDOORS

Non-dimmable constant-voltage power supplies for 24 V LED strips, puck lights and fixtures (and 12 V in 24 W and 60 W). IP67 waterproof housing for indoor or outdoor use, cooled by free air convection. Nine ratings from 12 to 384 W.

OUTPUT

Voltage	24 V DC
Rated current	4 × 4 A
Rated power	384 W
Tolerance	±0.5 V

INPUT

Voltage	100-265 VAC ¹
Frequency	50-60 Hz (47-63 Hz: 300 and 384 W)
Efficiency	> 92%

FEATURES

- Non-dimmable, constant voltage.
- IP67 housing: indoor or outdoor.
- Nine ratings, 12 to 384 W.
- Short-circuit, overload and over-temperature protection.
- 100% full-load burn-in test.
- ETL certified · 3-year warranty (300 W: 7 years).

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (300, 384 W: ≤ 120%)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-30 to +50 °C ²
Operating humidity	20-99% RH, non-condensing
Protection rating	IP67
Warranty	3 years (300 W: 7 years)
Dimensions	322 × 78 × 44 mm
Weight	1.90 kg

ORDERING

The code of this model

1 Series LCPSLCO	2 Code LCPSLCO-24V-384WIP67
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EXAMPLE	LCPSLCO-24V-384WIP67 384 W · 24 V
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LOCATION RATING · IP67

✓ Dry	✓ Damp (covered)	✓ Wet
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MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
384 W	307.2 W	105.0 ft · 32.0 m	52.5 ft · 16.0 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPSLCO-24V-12WIP67	—
24 W	LCPSLCO-24V-24WIP67	LCPSLCO-12V-24WIP67
36 W	LCPSLCO-24V-36WIP67	—
60 W	LCPSLCO-24V-60WIP67	LCPSLPV-12V-60WIP67
96 W	LCPSLCO-24V-96WIP67	—
150 W	LCPSLCO-24V-150WIP67	—
250 W	LCPSLCO-24V-250WIP67	—
300 W	LCPSLCO-24V-300WIP67	—

¹ 12 W: 90-265 VAC · 300 and 384 W: 100-277 VAC, power factor correction (PF 0.99) on the 300 W.

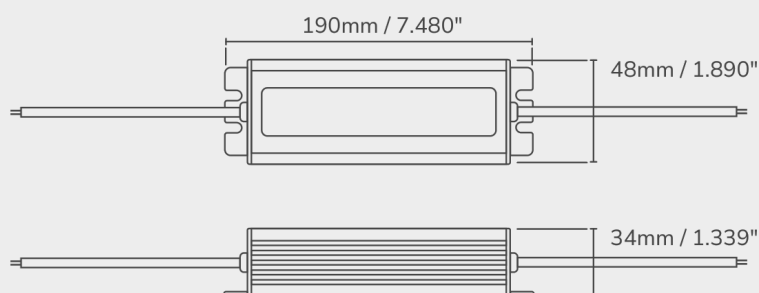
² 150 W: up to +55 °C · 250 W: -40 to +50 °C · 300 and 384 W: -40 to +60 °C.

300 W: two pairs of 2 × 14 AWG output wires; 384 W: 4 outputs of 4 A.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 190 × 48 × 34 mm (L × W × H)



INDOORS AND OUTDOORS

Non-dimmable constant-voltage power supplies for 24 V LED strips, puck lights and fixtures (and 12 V in 24 W and 60 W). IP67 waterproof housing for indoor or outdoor use, cooled by free air convection. Nine ratings from 12 to 384 W.

OUTPUT

Voltage	24 V DC · 12 V DC
Rated current	2.5 A · 5 A
Rated power	60 W
Tolerance	±0.5 V

INPUT

Voltage	100-265 VAC ¹
Frequency	50-60 Hz (47-63 Hz: 300 and 384 W)
Efficiency	> 84%

FEATURES

- Non-dimmable, constant voltage.
- IP67 housing: indoor or outdoor.
- Nine ratings, 12 to 384 W.
- Short-circuit, overload and over-temperature protection.
- 100% full-load burn-in test.
- ETL certified · 3-year warranty (300 W: 7 years).

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (300, 384 W: ≤ 120%)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-30 to +50 °C ²
Operating humidity	20-99% RH, non-condensing
Protection rating	IP67
Warranty	3 years (300 W: 7 years)
Dimensions	190 × 48 × 34 mm
Weight	0.55 kg



WATERPROOF LED POWER SUPPLY 60 W - IP67

LCPSLCO-24V-60WIP67 · LCPSLPV-12V-60WIP67

ORDERING

The code of this model

1 Series

LCPSLCO

2 Voltage

LCPSLCO-24V-60WIP67 24 V

LCPSLPV-12V-60WIP67 12 V

EXAMPLE **LCPSLCO-24V-60WIP67**
60 W · 24 V

LOCATION RATING · IP67



Dry

Damp
(covered)

Wet

MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
60 W	48.0 W	16.4 ft · 5.0 m	8.2 ft · 2.5 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPSLCO-24V-12WIP67	—
24 W	LCPSLCO-24V-24WIP67	LCPSLCO-12V-24WIP67
36 W	LCPSLCO-24V-36WIP67	—
96 W	LCPSLCO-24V-96WIP67	—
150 W	LCPSLCO-24V-150WIP67	—
250 W	LCPSLCO-24V-250WIP67	—
300 W	LCPSLCO-24V-300WIP67	—
384 W	LCPSLCO-24V-384WIP67	—

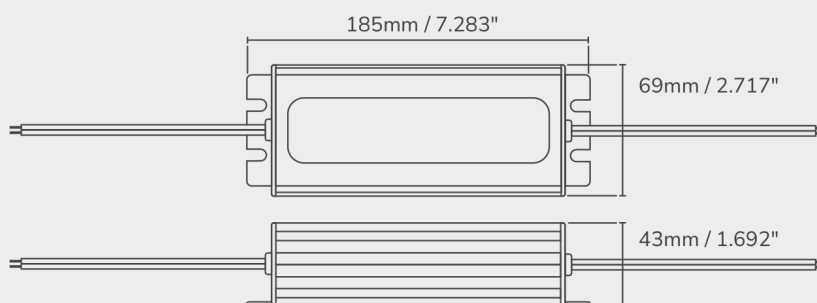
¹ 12 W: 90-265 VAC · 300 and 384 W: 100-277 VAC, power factor correction (PF 0.99) on the 300 W.² 150 W: up to +55 °C · 250 W: -40 to +50 °C · 300 and 384 W: -40 to +60 °C.

300 W: two pairs of 2 × 14 AWG output wires; 384 W: 4 outputs of 4 A.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS: 185 × 69 × 43 mm (L × W × H)



INDOORS AND OUTDOORS

Non-dimmable constant-voltage power supplies for 24 V LED strips, puck lights and fixtures (and 12 V in 24 W and 60 W). IP67 waterproof housing for indoor or outdoor use, cooled by free air convection. Nine ratings from 12 to 384 W.

OUTPUT

Voltage	24 V DC
Rated current	4 A
Rated power	96 W
Tolerance	±0.5 V

INPUT

Voltage	100-265 VAC ¹
Frequency	50-60 Hz (47-63 Hz: 300 and 384 W)
Efficiency	> 87%

FEATURES

- Non-dimmable, constant voltage.
- IP67 housing: indoor or outdoor.
- Nine ratings, 12 to 384 W.
- Short-circuit, overload and over-temperature protection.
- 100% full-load burn-in test.
- ETL certified · 3-year warranty (300 W: 7 years).

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (300, 384 W: ≤ 120%)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-30 to +50 °C ²
Operating humidity	20-99% RH, non-condensing
Protection rating	IP67
Warranty	3 years (300 W: 7 years)
Dimensions	185 × 69 × 43 mm
Weight	0.90 kg

ORDERING

The code of this model

1 Series LCPSLCO	2 Code LCPSLCO-24V-96WIP67
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EXAMPLE	LCPSLCO-24V-96WIP67 96 W · 24 V
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LOCATION RATING · IP67

✓ Dry	✓ Damp (covered)	✓ Wet
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MAXIMUM LOAD (80%) AND STRIP LENGTH

Power	Max. load (80%)	9.6 W/m strip	19.2 W/m strip
96 W	76.8 W	26.2 ft · 8.0 m	13.1 ft · 4.0 m

OTHER RATINGS IN THE SERIES

Power	24 V code	12 V code
12 W	LCPSLCO-24V-12WIP67	—
24 W	LCPSLCO-24V-24WIP67	LCPSLCO-12V-24WIP67
36 W	LCPSLCO-24V-36WIP67	—
60 W	LCPSLCO-24V-60WIP67	LCPSLPV-12V-60WIP67
150 W	LCPSLCO-24V-150WIP67	—
250 W	LCPSLCO-24V-250WIP67	—
300 W	LCPSLCO-24V-300WIP67	—
384 W	LCPSLCO-24V-384WIP67	—

¹ 12 W: 90-265 VAC · 300 and 384 W: 100-277 VAC, power factor correction (PF 0.99) on the 300 W.

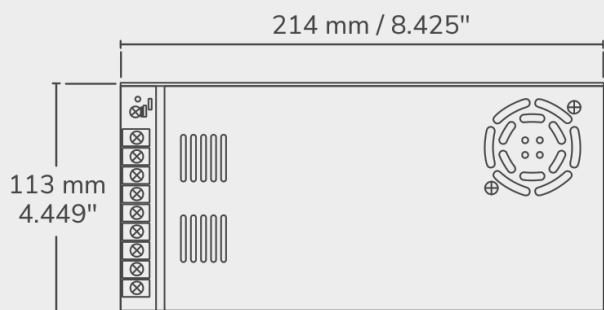
² 150 W: up to +55 °C · 250 W: -40 to +50 °C · 300 and 384 W: -40 to +60 °C.

300 W: two pairs of 2 × 14 AWG output wires; 384 W: 4 outputs of 4 A.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS — EXAMPLE: 350 W (214 × 113 × 48 mm)



POWER FOR LARGE PROJECTS

Non-dimmable constant-voltage power supplies in a vented enclosure with a terminal block, wired directly to 120 V. For long indoor LED strip runs: 96 to 500 W in 24 V. To be installed in a junction box (LCJUNCBOX-14X5X3 for the 96, 200 and 350 W).

OUTPUT

Voltage	24 V DC
Tolerance	±0.5 V
Ratings	96, 200, 350, 500 W

INPUT

Voltage	100-240 VAC (200 W: 100-265 VAC)
Frequency	40-60 Hz
Efficiency	> 83%

FEATURES

- Non-dimmable, 24 V constant voltage.
- 96 to 500 W.
- Screw terminal block, direct 120 V connection.
- Indoor only (IP20), in a junction box.
- Short-circuit, overload and over-temperature protection.
- 3-year warranty.

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (96, 500 W: auto recovery)
Over temperature	output shut down

ENVIRONMENT

Operating temp.	-25 to +55 °C
Protection rating	IP20 (indoor)
Warranty	3 years

LOCATION RATING · IP20



Dry


Damp
(covered)


Wet

ORDERING

The full code of each model

1 Series

LCPSLCO-HW

2 Power

96W 96 W

200W 200 W

350W 350 W

500W 500 W

EXAMPLE

LCPSLCO-HW-24V-350W

example

THE MODELS

Power	24 V code	Output current	Dimensions (mm)	Weight	IP	Max. 9.6 W/m strip
96 W	LCPSLCO-HW-24V-96W	4 A ³	159 × 97 × 38	0.65 kg	IP20	26.2 ft · 8.0 m
200 W	LCPSLCO-HW-24V-200W	8.33 A ³	198 × 98 × 38	0.65 kg	IP20	54.7 ft · 16.7 m
350 W	LCPSLCO-HW-24V-350W	14.58 A ³	214 × 113 × 48	0.65 kg	IP20	95.7 ft · 29.2 m
500 W	LCPSLCO-HW-24V-500W	20.83 A ³	240 × 111.5 × 65	1.45 kg	IP20	136.7 ft · 41.7 m

ACCESSORIES

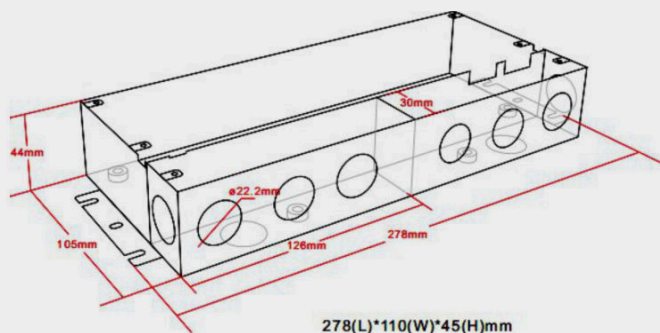
Code	Description	Sold
 LCJUNCBOX-14X5X3	Metal junction box 14.9 × 5.3 × 3.2 in (96, 200 and 350 W)	each

³ Output current calculated (power ÷ 24 V).

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS — EXAMPLE: 192 W (278 × 110 × 45 mm), HOUSING AND COVER



ONE DRIVER FOR EVERY DIMMING SYSTEM

24 V constant-voltage power supplies that accept five dimming modes: TRIAC (wall dimmer), 0-10 V, 1-10 V, 10 V PWM and resistance. One model for residential and commercial projects alike. The 192 W and 288 W have several 96 W outputs, to feed several strip runs without a splitter. Aluminum housing: dry, damp or wet.

OUTPUT

Voltage	24 V DC
Tolerance	±0.5 V
Regulation (line · load)	±0.5% · ±1%
Per output	96 W, 4 A (Class 2)

INPUT

Voltage	100-277 VAC
Frequency	47-63 Hz
Power factor	0.98-0.99 at 120 VAC
Efficiency	83 to 89%
Leakage current	< 0.50 mA

FEATURES

- 5 modes: TRIAC (MLV / ELV), 0-10 V, 1-10 V, 10 V PWM, resistance.
- Dimming 0 to 100%, load 10 to 100%.
- Multiple outputs (192 W: 2 × 96 W · 288 W: 3 × 96 W).
- Power factor correction: PF > 0.98.
- Aluminum housing: dry, damp or wet.
- UL / cUL listed, Class 2, Type HL · 7-year warranty.

PROTECTION

Short circuit	shuts down, re-power to recover
Overload	≤ 120%, current limiting, auto recovery
Over temperature	shuts off at 100 °C ±10, auto recovery

ENVIRONMENT

Operating temp.	-40 to +60 °C
Operating humidity	20-90% RH, non-condensing
Location	Dry, damp or wet
Standards	UL 8750, UL 1310 · FCC Part 15 B
Warranty	7 years

LOCATION RATING · ALUMINUM HOUSING



Dry



Damp (covered)



Wet

ORDERING

The full code of each model

1 Series

LCPSL CODIM-5IN1

2 Power

96W 96 W

192W 192 W

288W 288 W

EXAMPLE **LCPSL CODIM-5IN1-24V-288W-IP67**

example

THE MODELS

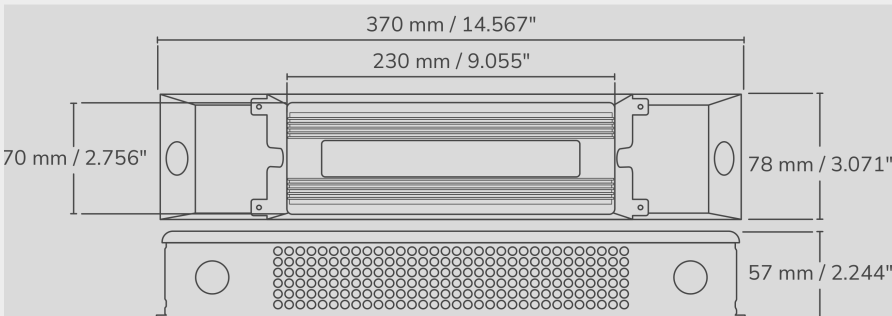
Power	24 V code	Output current	Dimensions (mm)	Weight	IP	Max. 9.6 W/m strip
96 W	LCPSL CODIM-5IN1-24V-96W-IP67	4 A	220 × 94.5 × 40	1.3 kg	—	26.2 ft · 8.0 m
192 W	LCPSL CODIM-5IN1-24V-192W-IP67	2 × 4 A (2 × 96 W)	278 × 110 × 45	2.3 kg	—	52.5 ft · 16.0 m
288 W	LCPSL CODIM-5IN1-24V-288W-IP67	3 × 4 A (3 × 96 W)	301 × 110 × 45	2.4 kg	—	78.7 ft · 24.0 m

Wiring: black and white = L and N (120 V), green = ground; red = LED +, black = LED -; purple = DIM +, grey = DIM - (0/1-10 V).

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS — EXAMPLE: 96 W, JUNCTION BOX (370 × 78 × 57 mm) AND POWER SUPPLY (230 × 70 × 46 mm)



SMOOTH, FLICKER-FREE DIMMING

Constant-voltage power supplies for 12 V or 24 V LED strips, puck lights and fixtures. Compatible with standard 120 V wall dimmers (leading- or trailing-edge TRIAC), they dim with no flicker or noise. Five ratings from 24 to 300 W: IP20 for indoor use (24 and 48 W), IP67 for indoor or outdoor use (96 to 300 W).

OUTPUT	
Voltage	24 V DC · 12 V DC
Tolerance	±0.5 V
Ratings	24, 48, 96, 200, 300 W

INPUT	
Voltage	100-130 VAC / 170-265 VAC ²
Frequency	47-63 Hz
Power factor	0.70 to 0.98
Efficiency	> 83% to > 87%

FEATURES

- Available in 24 V (24 to 300 W) and 12 V (24, 48 and 96 W).
- Leading- or trailing-edge TRIAC dimmers.
- 96 to 300 W: IP67 housing, indoor or outdoor.
- Cooling by free air convection.
- Short-circuit, overload and over-temperature protection, auto recovery.
- cETLus certified - 3-year warranty.

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	≤ 120%
Over current	≤ 1.4 × I out
Over temperature	shuts off at 100 °C ±10

ENVIRONMENT

Operating temp.	-40 to +60 °C
Operating humidity	20-90% RH, non-condensing
Protection rating	IP20 (24, 48 W) · IP67 (96-300 W)
Warranty	3 years

LOCATION RATING · IP67 (96 to 300 W)

- ✓ Dry
- ✓ Damp (covered)
- ✓ Wet

ORDERING

The full code of each model

1 Series LCPSL CODIM	2 Voltage 24V 24 V DC 12V 12 V DC	3 Power 24W 24 W 48W 48 W 96W 96 W 200W 200 W 300W 300 W
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EXAMPLE	LCPSL CODIM-24V-96W example
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THE MODELS

Power	24 V code	12 V code	Output current	Dimensions (mm)	Weight	IP	Max. 9.6 W/m strip
24 W	LCPSL CODIM-24V-24W	LCPSL CODIM-12V-24W	1 A · 2 A	155 × 54 × 20	0.50 kg	IP20	6.6 ft · 2.0 m
48 W	LCPSL CODIM-24V-48W	LCPSL CODIM-12V-48W	2 A · 4 A	178 × 61 × 24	0.50 kg	IP20	13.1 ft · 4.0 m
96 W	LCPSL CODIM-24V-96W	LCPSL CODIM-12V-96W	4 A · 8 A	230 × 70 × 46 ¹	1.30 kg	IP67	26.2 ft · 8.0 m
200 W	LCPSL CODIM-24V-200W	—	8.33 A	256 × 78 × 59 ¹	2.0 kg	IP67	54.7 ft · 16.7 m
300 W	LCPSL CODIM-24V-300W	—	12.5 A	276 × 78 × 47	2.0 kg	IP67	82.0 ft · 25.0 m

COMPATIBLE DIMMERS (120 V)



RECOMMENDED DIMMER
LCDIM-LED150W-LCO
 LEDCO 120 V LED dimmer - white - 150 W
 0-100%

Also compatible

Brand	Model	Range	Brand	Model	Range	Brand	Model	Range
Lutron	SCL-153PR-WH	0-100 %	Lutron	DV-600PR-WH	4-100 %	Lutron	SELV-300P	40-100 %
Lutron	DVCL-153PR-WH	0-100 %	Lutron	DVW-603PGH-WH	4-100 %	Lutron	MSCELV-600M	12-100 %
Lutron	DVWCL-153PH-LA	0-100 %	Lutron	TG-600PR-LA	8-100 %	Lutron	MEF2-6ELV-120	12-100 %
Lutron	CTCL-153PDH-LA	0-100 %	Lutron	TG-600PR-IV	8-100 %	Lutron	DVELV-300P	40-100 %
Lutron	TGCL-153PR-WH	0-100 %	Lutron	TG-600PR-WH	8-100 %	Leviton	VPI06-1LZ	15-100 %
Lutron	TGCL-153PH-WH	0-100 %	Lutron	TG-10PR-WH	15-100 %	Leviton	TTI06-1LZ	1-100 %
Lutron	MACL-153MH-LA	5-100 %	Lutron	S-600PR-WH	4-100 %	Leviton	IPL06	15-100 %
Lutron	CT-600PR-IV	5-100 %	Lutron	MRF2-6ND-120-AL	0-100 %	Leviton	6672	15-100 %
Lutron	CT-600PR-WH	5-100 %	Lutron	MRF2-6CL-GR	3-100 %	Leviton	TBL03	12-100 %
Lutron	CT-603PGH-WH	9-100 %	Lutron	DZ6HD	23-100 %	Leviton	6602	10-100 %
Lutron	CT-103PR-WH	8-100 %	Lutron	PD-6WCL	25-100 %	Leviton	6683	12-100 %
Lutron	DV-600PR-BL	5-100 %	Lutron	PD-5NE-WH	22-100 %			

¹ All models are supplied with their junction box (96 W: 370 × 78 × 57 mm - 200 W: 408 × 85 × 59 mm).

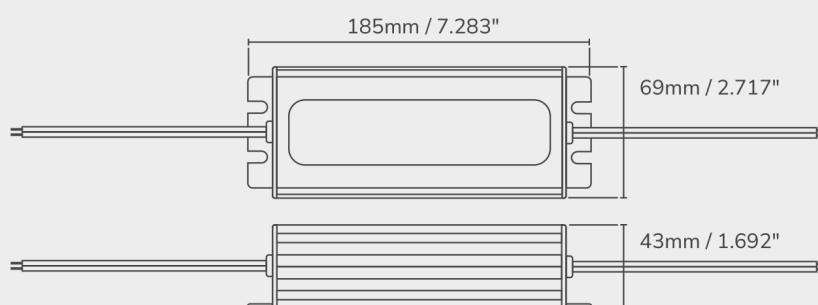
² 300 W: 100-277 VAC.

Also active in Zoho, not on the website (sheet to complete): LCPSL CODIM-24V-25W-S, LCPSL CODIM-24V-60W-MINI.

Maximum strip: 80% of capacity (20% margin).



DIMENSIONS — EXAMPLE: 96 W (185 × 69 × 43 mm)



INDOORS AND OUTDOORS

Non-dimmable constant-voltage power supplies for 24 V LED strips, puck lights and fixtures (and 12 V in 24 W and 60 W). IP67 waterproof housing for indoor or outdoor use, cooled by free air convection. Nine ratings from 12 to 384 W.

OUTPUT

Voltage	24 V DC (12 V: 24 and 60 W)
Tolerance	±0.5 V
Ratings	12 to 384 W

INPUT

Voltage	100-265 VAC ¹
Frequency	50-60 Hz (47-63 Hz: 300 and 384 W)
Efficiency	> 81% (12 W) to > 92% (384 W)

PROTECTION

Short circuit	hiccup mode, auto recovery
Overload	145-160% (300, 384 W: ≤ 120%)
Over temperature	output shut down

FEATURES

- Non-dimmable, constant voltage.
- IP67 housing: indoor or outdoor.
- Nine ratings, 12 to 384 W.
- Short-circuit, overload and over-temperature protection.
- 100% full-load burn-in test.
- ETL certified · 3-year warranty (300 W: 7 years).

ENVIRONMENT

Operating temp.	-30 to +50 °C ²
Operating humidity	20-99% RH, non-condensing
Protection rating	IP67
Warranty	3 years (300 W: 7 years)

LOCATION RATING · IP67

✓ Dry

✓ Damp
(covered)

✓ Wet

ORDERING

The full code of each model

1 Series LCPSLCO	2 Voltage 24V 24 V DC 12V 12 V DC	3 Power 12W 12 W 24W 24 W 36W 36 W 60W 60 W 96W 96 W 150W 150 W 250W 250 W 300W 300 W 384W 384 W
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EXAMPLE	LCPSLCO-24V-36WIP67 example
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THE MODELS

Power	24 V code	12 V code	Output current	Dimensions (mm)	Weight	IP	Max. 9.6 W/m strip
12 W	LCPSLCO-24V-12WIP67	—	0.5 A	66 × 30 × 20	0.051 kg	IP67	3.3 ft · 1.0 m
24 W	LCPSLCO-24V-24WIP67	LCPSLCO-12V-24WIP67	1 A · 2 A	182 × 29 × 20	0.20 kg	IP67	6.6 ft · 2.0 m
36 W	LCPSLCO-24V-36WIP67	—	1.5 A	165 × 29 × 20	0.20 kg	IP67	9.8 ft · 3.0 m
60 W	LCPSLCO-24V-60WIP67	LCPSLPV-12V-60WIP67	2.5 A · 5 A	190 × 48 × 34	0.55 kg	IP67	16.4 ft · 5.0 m
96 W	LCPSLCO-24V-96WIP67	—	4 A	185 × 69 × 43	0.90 kg	IP67	26.2 ft · 8.0 m
150 W	LCPSLCO-24V-150WIP67	—	6.25 A	245 × 70 × 48	1.30 kg	IP67	41.0 ft · 12.5 m
250 W	LCPSLCO-24V-250WIP67	—	10.42 A	245 × 73 × 41	1.40 kg	IP67	68.4 ft · 20.8 m
300 W	LCPSLCO-24V-300WIP67	—	12.5 A	276 × 78 × 47	1.70 kg	IP67	82.0 ft · 25.0 m
384 W	LCPSLCO-24V-384WIP67	—	4 × 4 A	322 × 78 × 44	1.90 kg	IP67	105.0 ft · 32.0 m

¹ 12 W: 90-265 VAC · 300 and 384 W: 100-277 VAC, power factor correction (PF 0.99) on the 300 W.

² 150 W: up to +55 °C · 250 W: -40 to +50 °C · 300 and 384 W: -40 to +60 °C.

300 W: two pairs of 2 × 14 AWG output wires; 384 W: 4 outputs of 4 A.

Also active in Zoho, not on the website (sheet to complete): LCPSLCO-12V-60WIP67, LCPSLPV-12V-35WIP67.

Maximum strip: 80% of capacity (20% margin).



THE FOUR RATINGS



12 W



30 W



60 W



96 W

PLUG IN AND LIGHT UP

Non-dimmable power supplies that plug into a standard 120 V wall outlet: no electrical wiring. For mobile or temporary installations, showcases and furniture. 12 V or 24 V LED strips and puck lights, 12 to 96 W.

FEATURES

- Plug into a standard 120 V outlet.
- 12 V and 24 V, 12 to 96 W.
- For LED strips and puck lights.
- Mobile or temporary installation.
- Class 2.
- cETL certified · 1-year warranty.

OUTPUT

Voltage	24 V DC · 12 V DC
Ratings	12, 30, 60, 96 W
Dimmable	No

INPUT

Voltage	100-240 VAC (120 V wall outlet)
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PROTECTION

Class	2
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ENVIRONMENT

Use	indoor
Warranty	1 year

LOCATION RATING · IP20



Dry



Damp (covered)



Wet

ORDERING

The full code of each model

1 Series LCPS-PLUGIN	2 Voltage 24V 24 V DC 12V 12 V DC	3 Power 12W 12 W 30W 30 W 60W 60 W 96W 96 W
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EXAMPLE	LCPS-24V-60W-PLUGIN example
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THE MODELS

Power	24 V code	12 V code	Output current	Dimensions (mm)	Weight	IP	Max. 9.6 W/m strip
12 W	LCPS-24V-12W-PLUGIN	LCPS12V-12W-PLUGIN	0.5 A ³ · 1 A ³	—	—	IP20	3.3 ft · 1.0 m
30 W	LCPS-24V-30W-PLUGIN	LCPS12V-30W-PLUGIN	1.25 A ³ · 2.5 A ³	—	—	IP20	8.2 ft · 2.5 m
60 W	LCPS-24V-60W-PLUGIN	LCPS12V-60W-PLUGIN	2.5 A ³ · 5 A ³	—	—	IP20	16.4 ft · 5.0 m
96 W	LCPS-24V-96W-PLUGIN	LCPS12V-96W-PLUGIN	4 A ³ · 8 A ³	—	—	IP20	26.2 ft · 8.0 m

³ Output current calculated (power ÷ voltage).
 Maximum strip: 80% of capacity (20% margin).