



**LED  
Drivers**

## L-SERIES CONSTANT CURRENT LED DRIVERS



The Hatch lineup of L-Series Constant Current LED Drivers offers an extensive range of output currents, power ratings, case sizes, and dimming options. The drivers are either UL Recognized or UL Listed Class P and most wattage levels have IP66 or IP67 protection options. Hatch has engineered a broad product line to help you take on the variety of challenges in your system design.

### CASE STYLES

Case Style	Power	Dimming Type	Input Voltage
<b>A</b>	10W	Non-dimming	120 VAC
<b>AA</b>	20W	0-10V	120-277 VAC
<b>B</b>	12W	0-10V, Phase	120, 120-277 VAC
<b>BB</b>	135W, 150W	0-10V	120-277 VAC
<b>C</b>	12W, 14W	0-10V, Phase, Non-dimming	120, 120-277 VAC
<b>D</b>	16W, 22W	Phase	120, 120-277 VAC
<b>F</b>	60W	0-10V	120-277 VAC
<b>FF</b>	30W	0-10V	120-277 VAC
<b>G</b>	36W	0-10V	120-277 VAC

Case Style	Power	Dimming Type	Input Voltage
<b>I</b>	100W	0-10V	120-277 VAC
<b>NN</b>	200W	0-10V	120-277 VAC
<b>P</b>	25W	0-10V, Phase	120, 120-277 VAC
<b>Q</b>	16W, 25W	0-10V, Phase	120, 120-277 VAC
<b>S</b>	14W, 22W	0-10V	120-277 VAC
<b>T</b>	50W	0-10V, Phase	120-277 VAC
<b>W</b>	40W	0-10V	120-277 VAC
<b>4W</b>	4W	Non-dimming	120-277 VAC
<b>RL</b>	8.4W	Non-dimming	120-277 VAC

### TYPICAL PRODUCT FEATURES

- Short circuit and overload protection
- Withstand voltage: I/P - O/P 4.0k VDC, 2mA
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- MTBF: 374,000 hours @ 40°C ambient (-70°C case temp)
- Surge voltage rating: L-N 2kV
- Output current tolerance +/- 5% @ 25°C
- 0-10V dimming range: 10% - 100%
- Power Factor > 0.9
- THD < 20%

\*Features and approvals are model dependent

### APPROVALS

- UL 8750 Recognized Component
- EN61000-3-2
- EMC: Meets FCC47 CFR Part 15 (Class B) consumer limits
- IP66/IP67 Available



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### WARRANTY

- 5-year limited warranty



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### L-SERIES CONSTANT VOLTAGE LED DRIVERS



Hatch L-Series Constant Voltage LED Drivers are designed to cover a wide range of uses. The drivers are available in a variety of output wattages and voltages, including the most popular configurations, for both indoor and outdoor applications. Whether it's UL48 (signage) compliance, integrated knockout junction boxes, or magnetic low voltage transformers with smooth phase dimming, Hatch has options to suite your design goals.

### CASE STYLES

Case Style	Power	Output Voltage	Input Voltage
A	10W	12, 24VDC	120 VAC
BB	150W	24VDC	120-277 VAC
D	24W	12, 24VDC	120, 120-277 VAC
F	60W	12, 14, 24VDC	120, 120-277 VAC
I	60W, 80W, 100W	12, 14, 24VDC	120, 120-277, 347 VAC
J	100W	24VDC	120-277 VAC
K	60W	12, 24VDC	120-277 VAC
JJ	96W	24VDC	120-277 VAC

Case Style	Power	Output Voltage	Input Voltage
L	150W	24VDC	120-277 VAC
NN	192W	24VDC	120-277, 480 VAC
R	60W	12, 24VDC	120-277 VAC
W	40W	24VDC	120-277 VAC
4W	4W	12, 24VDC	120-277 VAC
Y	12W	12, 24VDC	120-277 VAC
KK	20W, 40W, 60W	12, 24 VDC	120-277 VAC

### TYPICAL PRODUCT FEATURES

- Short circuit and overload protection
- Withstand voltage: I/P - O/P 4.0kVDC, 2mA
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- MTBF: 374,000 hours @ 40°C ambient (-70°C case temp)
- Surge voltage rating: 2kV, 6kV
- Output voltage tolerance +/- 5% @ 25°C
- Power Factor > 0.9
- THD < 20%
- No minimum load

\*Features and approvals are model dependent

### APPROVALS

- UL 8750 Recognized Component
- EN61000-3-2
- EMC: Meets FCC47 CFR Part 15 (Class B) consumer limits
- IP66/IP67 Available



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### WARRANTY

- 5-year limited warranty