

No Minimum Load - Full Range Dimming

First Generation AC LED Drivers:

For Second Generation RL-LED models, please refer to RL-LED specification sheet.

GENERAL INFORMATION

LED Driver Type	AC LED (Class 2)
Maximum Wattage	60 Watts
Input Voltage	120, 230, 277 VAC ± 10%
Input Frequency	50/60Hz

PRODUCT FEATURES

- No Minimum Load
- Short circuit protection
- Suitable for dry and damp locations
- Withstanding voltage: I/P – O/P 2kVAC
- Surge Rating: NEMA SSL1-2010 Non-roadway 2.5kV
- Operating temperature range: -20°C to 90°C (measured at Tcase)
- Wide Dimming Range
- Recommended ELV Dimming
- Suitable for AC LED or Halogen Loads

CASE: ALUMINIUM



CASE STYLE: M



CASE STYLE: BF

APPROVALS

- UL 8750 Recognized Component
- RoHS Compliant



ELECTRICAL SPECIFICATIONS

Specifications subject to change without notice

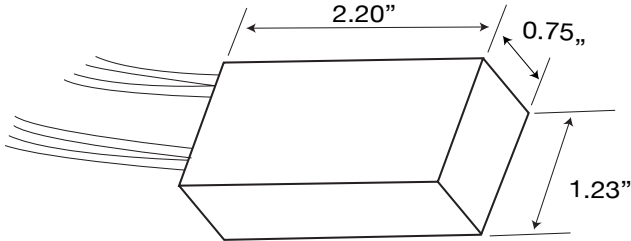
Max Watts	Input Volts	Input Current	Nominal Output Volts	Max Output Current	Case Style	Power Factor	Efficiency	Hatch Part No.
15	120	0.15	12	1.30	M	>0.9	90%	RS12-15M-LED
					BF	>0.9	90%	RS12-15BF-LED
	230	0.08	12	1.30	M	>0.9	90%	RS12-15M-LED-230
					BF	>0.9	90%	RS12-15BF-LED-230
	277	0.07	12	1.30	M	>0.9	90%	RS12-15M-LED-277
					BF	>0.9	90%	RS12-15BF-LED-277
30	120	0.30	12	2.50	M	>0.9	90%	RS12-30M-LED
					BF	>0.9	90%	RS12-30BF-LED
	230	0.16	12	2.50	M	>0.9	90%	RS12-30M-LED-230
					BF	>0.9	90%	RS12-30BF-LED-230
	277	0.13	12	2.50	M	>0.9	90%	RS12-30M-LED-277
					BF	>0.9	90%	RS12-30BF-LED-277
60	120	0.60	12	5.00	M	>0.9	90%	RS12-60M-LED
					BF	>0.9	90%	RS12-60BF-LED
	230	0.31	12	5.00	M	>0.9	90%	RS12-60M-LED-230
					BF	>0.9	90%	RS12-60BF-LED-230
	277	0.26	12	5.00	M	>0.9	90%	RS12-60M-LED-277
					BF	>0.9	90%	RS12-60BF-LED-277

Please refer to LED product manufacturer data sheets for compatibility with the RS LED products. Hatch does not perform compatibility and/or dimmer compatibility testing with other manufacturers LED lamp products. See lamp manufacturers listings of approval of their products with our drivers.

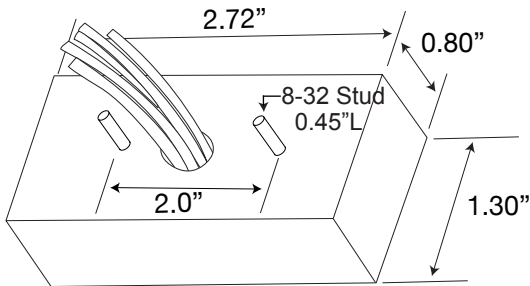
No Minimum Load - Full Range Dimming

MECHANICAL SPECIFICATIONS

CASE STYLE M (SIDE LEAD)



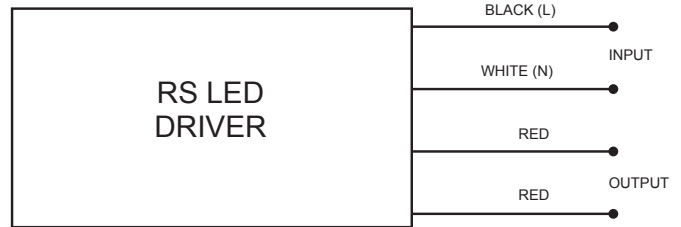
CASE STYLE BF (BOTTOM FEED)



WIRING INFORMATION

Input: 6", Black (L), White (N) 300V 105°C #18AWG
Output: 6", Red (+), Red (-) 300v 105°C #18AWG

WIRING SPECIFICATIONS



PACKAGING INFORMATION

Unit Weight: 2.8 oz
Quantity: 100pc/carton
Carton Weight: 17 lbs 8 oz

2nd Generation Reference Guide

First Generation RS-LED Part Number	Compatible Second Generation RL-LED Part Number
RS12-60M-LED	RL12-60M-LED
RS12-30M-LED	RL12-30M-LED
RS12-15M-LED	RL12-15M-LED
RS12-60BF-LED	RL12-60BF-LED
RS12-30BF-LED	RL12-30BF-LED
RS12-15BF-LED	RL12-15BF-LED
RS12-60M-LED-277	NO RL REPLACEMENT AT THIS TIME. CUSTOM ORDER ONLY.
RS12-60M-LED-230	NO RL REPLACEMENT AT THIS TIME. CUSTOM ORDER ONLY.
RS12-15BF-LED-230	DISCONTINUED WITH NO REPLACEMENT
RS12-15BF-LED-277	DISCONTINUED WITH NO REPLACEMENT
RS12-15M-LED-230	DISCONTINUED WITH NO REPLACEMENT
RS12-15M-LED-277	DISCONTINUED WITH NO REPLACEMENT
RS12-30BF-LED-230	DISCONTINUED WITH NO REPLACEMENT
RS12-30BF-LED-277	DISCONTINUED WITH NO REPLACEMENT

Hatch does not recommend a specific number of lamps or RS-LED drivers per circuit. There are many variables including the lamp type, dimmer type, length of wire and other intervening factors that can alter the number of lamps that can be installed. If these drivers are being used in a new installation, Hatch recommends switching to a compatible second-generation RL-LED driver which supports a larger number of drivers and lamps per circuit. Please refer to the matrix above to select a compatible RL-LED driver.

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