

1-Lite HR Low Profile Series for Compact Fluorescent Lamps Digital Electronic Ballast

1 LITE



Compact Fluorescent Hardwire Ballast Features:

New
Feature

- Auto Restart After Hot Relamp
- Deactive Lamp Protection Circuit
- Flicker Free Operation
- High Power Factor
- Low THD
- 100% Factory Tested
- High Reliability
- No Audible Noise
- True Preheat Starting
- No Starting Aid Required
- Energy Efficient
- High Frequency Operation
- Solid State
- Moisture and Shock Resistant
- No PCBs
- Bottom Feed Models Available

Electrical/Mechanical Specifications

Color	White	Input Voltage	120V 50/60 Hz 230V 50 Hz (special order) 277V 60 Hz
Weight	7 oz.	Current Crest Factor	≤ 1.7
Operating Frequency	50 KHz +	Open Circuit Protected	Yes
Power Factor	≥ 0.99	RFI Suppression	Yes
Total Harmonic Distortion	5-13% depending on lamp/ballast combination	Input Leads	10 ⁵ / ₈ " 18 AWG solid 105 degree C stripped ³ / ₈ "
Deactive Lamp Protection	Yes	Output Leads	10 ⁵ / ₈ " 18 AWG solid 105 degree C stripped ³ / ₈ "
Auto Restart After Hot Relamp	Yes	Meets ANSI 15 C62.41, ANSI C82.1 CLASS P	

Built with or without two threaded studs, 2" on center and bottom center feed wiring, for easily replacing magnetic ballasts.

Lamp Compatibility

Environmental Specifications

Maximum Case Temperature	80° C at "T" point
Minimum Starting Temperature	-25° C
Sound Rating	A+
Operating Humidity	95% relative humidity, non-condensating
Environmental Protection	Epoxy Sealed for moisture resistance and shock vibration resistance
Safety Listing	UL Listed, C-UL, Class P Type 1 outdoor

120V		120V Bottom Feed		HATCH MODEL NUMBER		277V Bottom Feed		INPUT CURRENT			GE 2D		GE BIAx	OSRAM	PHILIPS
120V	120V	230V	277V	277V	230V	277V	277V	120V	230V	277V					
HR1000	HR1000-BF	HR1000-230	HR1000-277	HR1000-277BF	0.11A	0.06A	0.05A	F10/2D/4P	F10DBX		DULUX D/E-10	CF10DD/E			
HR1300	HR1300-BF	HR1300-230	HR1300-277	HR1300-277BF	0.13A	0.07A	0.06A		F13DBX		DULUX D/E-13	CF13DD/E	PL-C 13		
HR1800	HR1800-BF	HR1800-230	HR1800-277	HR1800-277BF	0.15A	0.08A	0.07A	F16/2D/4P	F18BX		DULUX D/E-18	CF18DD/E	PLT-18		
									F18DBX		DULUX T/E, L	CF18DT/E			
									F18TBX		CF18DF				
HR2100	HR2100-BF	HR2100-230	HR2100-277	HR2100-277BF	0.17A	0.10A	0.08A	F21/2D/4P							
HR2600	HR2600-BF	HR2600-230	HR2600-277	HR2600-277BF	0.21A	0.11A	0.10A	F28/2D/4P	F27BX		DULUX D/E-26	CF26DD/E	PL-C-26		
									F26DBX		CF26DT/E		PL-L-24		
									F26TBX		DULUX T/E-26				
											CF24DF				
HR3200	HR3200-BF	HR3200-230	HR3200-277	HR3200-277BF	0.26A	0.14A	0.12A		F32TBX		DULUX T/E-32	CF32DT/E	PLT-26		
													PLT-32		
HR3800	HR3800-BF	HR3800-230	HR3800-277	HR3800-277BF	0.31A	0.16A	0.14A	F38/2D/4P	F39BX		DULUX L-39	FT36DL	PL-L36W		
											CF36DF				
HR3800	HR4200-BF	HR4200-230	HR4200-277	HR4200-277BF	0.36A	0.19A	0.17A	F42/2D/4P	F42QBX		DULUX T/E-42	CF42DT/E	PLT-42		

HATCH
TRANSFORMERS, INC.

Electronic Transformers and Ballasts
for the Lighting Industry

Warranty length and conditions -

(5) years if maximum case temperature is less than 70°C
or 3 years if maximum case temperature is greater than 70°C but less than 80°C

5403 West Gray Street, Tampa, Florida 33609
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www.hatchtransformers.com

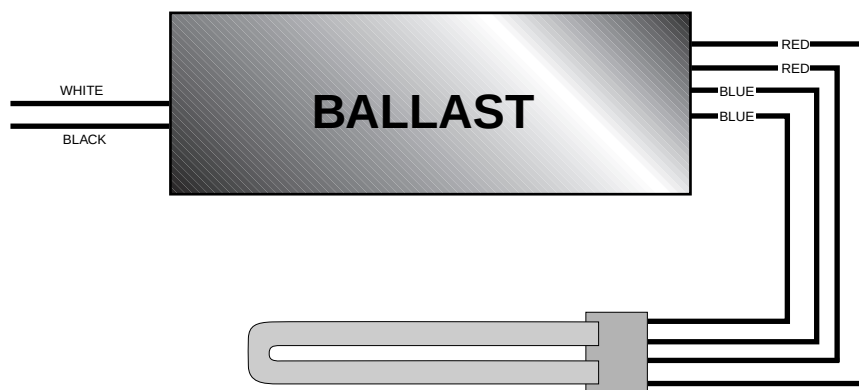
*Specifications subject to change without notice

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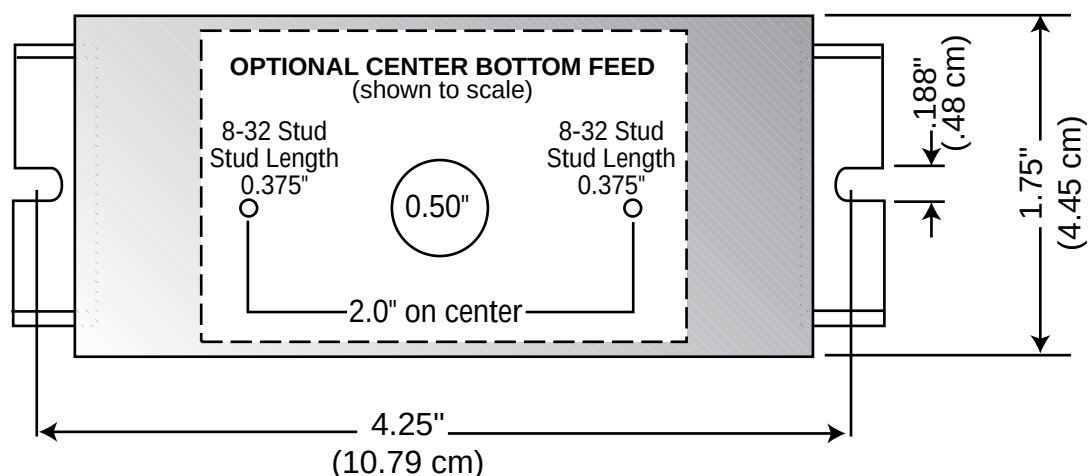
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Digital Electronic Ballast

Wiring Diagram



Footprint (actual size - Back Side)



Dimensions (actual size)

