



RACEHORSE™

CFL FLUORESCENT ELECTRONIC BALLASTS



Advanced Features:

- Programmed start for extended lamp life in frequent switching applications
- End-of-life protection to safely remove power from the lamp as it nears end-of-life
- Cold starting to ensure proper functionality even in low temperature applications
- Dual entry color coded connector
- Precision controlled flicker-free operation
- Auto-restart which eliminates the need to reset the power mains after lamp replacement
- Versatile mounting: Side and back leads included with optional ballast
- Auto light compensation during low power situations

- 120V - 277V
Universal Voltage
- < 10% ATHD
- High Power Factor
- End-of-Life Protection
- Operate 1 or 2 Lamps
- Twin, Triple, Quad,
Double Quad 9-70W
- UL, cULus
- 90°C Max Operating Temp.





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FEATURES

- 120V-277V
- < 10% ATHD
- High Power Factor
- End of Life (EOL) Protection
- Operate 1 or 2 Lamps
- Twin, Triple, Quad, Double Quad 9-70W
- UL, cULus
- 90°C Max. Operating Temp.
- -30°C Min. Start Temp.

APPLICATIONS

- Retail & Industrial Medium & High Bay
- Canopy Lighting
- Flood Lighting
- Parking Garages
- Gymnasiums
- Indirect Wall Washing
- Downlighting
- Outdoor Architectural
- Post Tops
- Wall Sconces
- Ceiling Surface Mount
- Air Handling Spaces (BLS Models)

CONTRACTOR KIT

- Includes:
- RaceHorse Ballast
 - Snap Mount Stud Adapter Plate (8/32" studs, 2" between studs)
 - Lead Wire Set
 - Wire Removing Tool



COMMON SPECIFICATIONS

Operating Voltage:	120V-277V (Universal Voltage)	Lamp Starting Temp.:	See Lamp Specifications
Frequency:	50/60Hz	Ballast Maximum Case Temp.:	167°F (75°C) - 5 Year Warranty
ATHD:	< 10% Meets ANSI C82.11-1993	Ballast Maximum Case Temp.:	194°F (90°C) - 3 Year Warranty
Protection/Output:	Open Lamp, Shorted Lamp, End of Life	Ballast Lamp Starting Mode:	Programmed Start
Input Over Current Protection:	Fuse	Inherent Thermal Protection	Class P
Input Voltage Transients Protection:	MOV (PER ANSI C82.11 - 1993)	Sound Rating	"A"
Regulatory Approvals:	UL & cULus Listed Type 1 Outdoor	Remote Mounting	18' Maximum at -18°C
High Power Factor:	> .98	Anti Arching Protection	UL Type CC
Open Circuit Voltage:	< 300V RMS Max.	RHA-EMI: FCC CFR Title 47 Part 18 non-consumer	
Ballast Min. Operating Temp.:	-22°F (-30°C)	(RH-EMI: FCC CFR Title 47 Part 18 consumer & non-consumer)	
		BLS models are approved for air handling spaces	

	RACEHORSE 1	RACEHORSE 2	RACEHORSE 3	RACEHORSE 4
Model No.	RHA-UNV-213-BLS/C/K (RH1-UNV-213-BLS/C/K)	RHA-UNV-218-BLS/C/K (RH2-UNV-218-BLS/C/K)	RHA-UNV-226-BLS/C/K (RH3-UNV-226-BLS/C/K)	RHA-UNV-242-BLS/C/K (RH4-UNV-242-BLS/C/K)
Max Load	26W	36W	57W	84W
Max. Current	.27 AMP	.36 AMP	.47 AMP	.72 AMP
Ballast Size	H 1", W 2.4", L 5.0", L1 4.2"	H 1", W 2.4", L 5.0", L1 4.2"	H 1", W 2.4", L 5.0", L1 4.2"	H 1.3", W 3", L 5.0", L1 4.2"
Ballast Weight	5.2 oz.	5.2 oz.	5.2 oz.	7 oz.
Case Quantity	50 pcs.	50 pcs.	50 pcs.	50 pcs.

- **BLS** = Compact Case with mounting studs (8/32" studs on bottom plate, 2" on center)
- **C** = Compact Case; No studs on bottom plate
- **K** = Contractor Kit with stud adapter plate, lead wire set and wire removal tool

LAMP OPERATION

Model Number	# of Lamps	Lamp Type / Designation
RHA-UNV-213-BLS/C/K (RH1-UNV-213-BLS/C/K)	1 x 2 x	7CFT*, 9CFT*, 13CFQ, 13CFTR, 2D10W*, 2D16W
RHA-UNV-218-BLS/C/K (RH2-UNV-218-BLS/C/K)	1 x 2 x	18CFQ, 18CFTR, 2D21W 18CFQ, 18CFTR, 2D16W, 2D21W
RHA-UNV-226-BLS/C/K (RH3-UNV-226-BLS/C/K)	1 x 2 x	13CFT, 26CFQ, 26CFTR, 32CFTR, 42CFTR, 2D21W, 2D28W, 2D38W, T5CR22, FT18W, FT36W, T5CR40, FT24/27, 57CFM 13CFT, FT18W, 26CFQ, 26CFTR, FT24/27, 2D21W, F24T5H0
RHA-UNV-242-BLS/C/K (RH4-UNV-242-BLS/C/K)	1 x 2 x	CFM57, CFM70, 42CFTR, 24/27CFT, 36CFT, 40CFT, 2D28W, 2D38W, T5CR40, 36TUV, GPH793T5L 26CFQ, 26CFTR, 32CFTR, 42CFTR, 24/27CFT, 36CFT, 40CFT, 2D28W, 2D38W, T5CR22W, T5CR40W, 36TUV, GPH793T5L

*RHA model does not operate these lamps.

NOTE: RH1 & RH2 are not cULus listed. All other models are UL & cULus listed

