

BLST SERIES

Remote HID Ballast



BLST Series

LAMP			MAXIMUM ONE-WAY LENGTH OF WIRE BETWEEN LAMP AND BALLAST (FEET) (Voltage Drop Limited to 1% of Lamp Voltage) Minimum Wire Size				
Wattage	Mercury	Metal Halide	#10	#12	#14	#16	#18
100	H38	—	750	470	295	185	115
175	H39	M57	425	265	165	105	65
250	H37	M58	300	190	120	75	45
1-400 or 2-400	H33	M59	200	125	75	50	30
700	H35	—	465	290	180	115	70
1000	H36	M47	325	205	125	80	50
1500	—	M48	225	140	85	55	35

Taken from Advance Transformer Company 2004 - 2005 Catalog

Ballast Weights

Description	Wattage	Product Weight
HPS	250W/60 Hz	22-1/2 lbs/10.22 kg
HPS	250W/50 Hz	23-1/2 lbs/10.67 kg
HPS	400W/60 Hz	25 lbs/11.35 kg
HPS	400W/50 Hz	26-1/2 lbs/12.03 kg
HPS	1000W/480V/60 Hz	39-1/2 lbs/17.93 kg
HPS	1000W/QV/60 Hz	39-1/2 lbs/17.93 kg
HPS	1000W/50 Hz	47 lbs/21.34 kg
MH	250W/60 Hz	21-1/2 lbs/9.76 kg
MH	250W/50 Hz	23 lbs/10.44 kg
MH	400W/60 Hz	23 lbs/10.44 kg
MH	400W/50 Hz	25-1/2 lbs/11.58 kg
MH	1000W/60 Hz	32-1/2 lbs/14.76 kg
MH	1000W/50 Hz	34-1/2 lbs/15.66 kg
MH	1500W/60 Hz & 50 Hz	43-1/2 lbs/19.75 kg
MH/CSI	1000W/60 Hz	41-1/2 lbs/18.84 kg
MV	400W/480V/60 Hz	21-1/2 lbs/9.76 kg
MV	400W/QV/60 Hz	22 lbs/9.99 kg
MV	400W/50 Hz	23 lbs/10.44 kg
MV	1000W/480V/60 Hz	36-1/2 lbs/16.57 kg
MV	1000W/QV/60 Hz	36-1/2 lbs/16.57 kg
MV	1000W/50 Hz	34-1/2 lbs/15.66 kg

Note: Weights listed for product only. Carton and packing material add approximately one pound for shipping weight.



DESCRIPTION: The Phoenix **BLST Series** is an indoor/outdoor hazardous rated, weatherproof high intensity discharge remote ballast used in conjunction with a variety of heavy duty Phoenix HID light fixtures.

SPECIFICATIONS

Construction: Housing is made from extruded marine-grade, low copper content aluminum alloy for excellent resistance to corrosion. Exposed hardware is stainless steel to further protect against corrosion. Components are mounted in insulated chambers for increased heat dissipation. Ballast housing is sealed and protected against moisture and debris with EPDM gaskets on the end caps and neoprene o-ring gaskets on the cap screws.

Lamp Type and Wattage Capabilities: Available in five lamp types - high pressure sodium (200-1000 watt), metal halide (150/175-1500 watt), pulse start metal halide (400-1000 watt), CSI metal halide (1000 watt) and mercury vapor (400-1000 watt).

Low Starting Temps: Standard minimum starting temperatures are -20 F (-30 C) for mercury vapor and metal halide ballasts and -40 F (-40 C) for high pressure sodium.

Voltage: Units available in dual volt (120/277V; 60 Hz), quad volt (120/208/240/277V; 60 Hz), triple voltage (120/277/347V; 60 Hz for use in Canada) and 480V; 60 Hz. Some models available in other voltages and in 50 Hz.

Mounting: Ballast can be directly mounted to surface with 1/2" hex (102 mm) bolts on housing channel or with supplied adjustable brackets to fit a variety of surfaces.

Weights & Dimensions: Ballast enclosure is 12" Long x 7.5" Wide x 5.6" Deep (302 mm x 190 mm x 142 mm). For weight see chart to left. E.P.A. = .83 ft².

Options: Dual ballast options available. See page two for ordering details.

Core and coil replacement kits available Contact Factory.

COMPLIANCES

UL 844 Listed Hazardous Location Class I, Division 2 / Groups A,B,C,D - T4 (135°C) Class II, Division 2/ Groups F&G - T4 (135°C)
UL 1598-A Marine rated for use indoors/outdoors cUL listed per CSA C22.2 for use in Canada
 Max. ambient temperature is 40°C

PHOENIX®

N-5610160C

ORDERING INFORMATION

	SERIES	TYPE	WATTAGE	LAMP TYPE	VOLTAGE	OPTIONS	FINISH
<i>example:</i>	BLST	A	400	MH	QV	—	AN
	BLST	A	150 175 200 250 400 1000 1500	HPS MH MHP MHCSI MV	DV QV 240V 347V 480V	50HZ DUAL	AN BLK BRZ WHT VGN GRY SIL PHXGRN ICGRY CC

WATTAGE

150 = 150 Watts
 175 = 175 Watts
 200 = 200 Watts
 250 = 250 Watts
 400 = 400 Watts
 1000 = 1000 Watts
 1500 = 1500 Watts

LAMP TYPE

HPS = High Pressure Sodium
 MH = Metal Halide
 MHP = Pulse Start Metal Halide
 MHCSI = CSI Metal Halide
 MV = Mercury Vapor

VOLTAGE - (tapped at highest voltage unless specified)

DV = Dual Volt (120/277V; 60 Hz)
 QV = Quad Volt (120/208/240/277V; 60 Hz)
 240V = International Dual/Multi Volt (120/220-240V; 50 Hz)
 347V = Triple Volt (120/277/347V; 60 Hz for use in Canada)
 480V = 480 Volt (480V; 60 Hz)

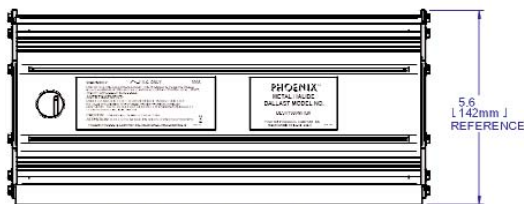
OPTIONS (factory installed)

50HZ = 50 Hertz (for use with 240V voltage option)
 DUAL = Dual Ballasts (two ballasts in one enclosure - 175W max. each)

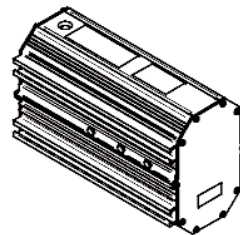
FINISH

AN = Anodized (standard finish)
 BLK = Black (textured)
 BRZ = Bronze (textured)
 WHT = White (textured)
 VGN = Verde Green (textured)
 GRY = Gray (textured)
 SIL = Silver (textured)
 PHXGRN = Phoenix Green (matte)
 ICGRY = Industrial Gray (matte)
 CC = Custom Color (Contact factory)

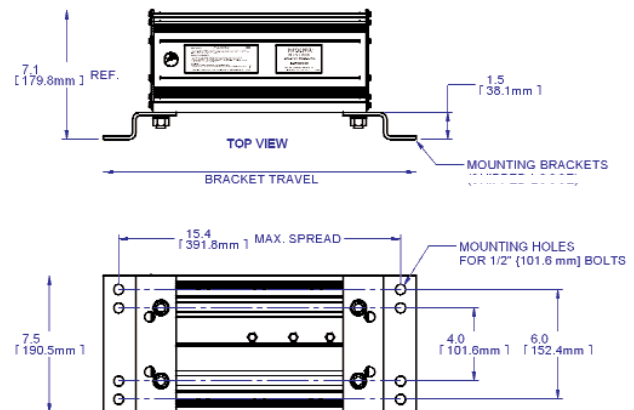
DIMENSIONAL DRAWINGS



ASSEMBLED TOP VIEW

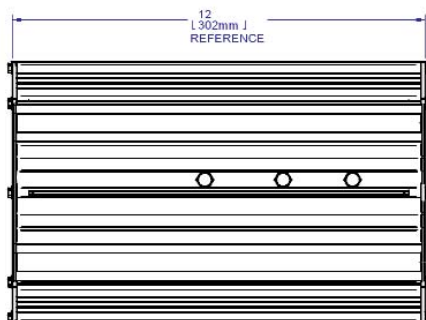


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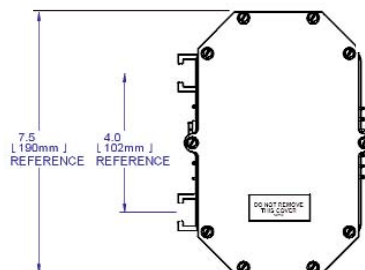


BRACKET MOUNTING

HARDWARE SHOWN FOR CLARITY. NOT SUPPLIED BY PHOENIX



ASSEMBLED FRONT VIEW



ASSEMBLED SIDE VIEW

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