TECHNICAL INFORMATION BULLETIN

BALLAST

ORDERING INFORMATION

Order code:	**10109**
Description:	**BHPS0100/QUADTAP/C/HX/H/K/STD**
Internal code:	BALS0100QCL
UPC:	69549101098
Warranty:	3 Years
Certification:	c UL us 1029A E244127

GENERAL INFORMATION

Ballast type:	**Magnetic high pressure sodium**
Ballast style:	Core and coil
Circuit type:	HX-HPF
ANSI code:	S54
Input voltage (V):	120/208/240/277
Input frequency (Hz):	60
Line volt regulation:	± 5%
Line watt regulation:	Within trapezoid
Insulation class:	H(180˚)

Input voltage (V)	Operating current (A)	Open circuit current (A)	Starting current (A)	Rated lamp watts (W)	Input watts (W)	OCV (V)	Dropout voltage (V)	UL 1029 code	Fuse rating (A)	Input current (A)	Power factor	Starting temperature
120	1.14	2.00	1.09	100	128	120	96	A	7	0.72 - 1.20	90%	-40˚F / -40˚C
208	0.66	1.16	0.62	100	128	120	166	A	5	0.40 - 0.70	90%	-40˚F / -40˚C
240	0.57	1.00	0.55	100	128	120	192	A	3	0.35 - 0.60	90%	-40˚F / -40˚C
277	0.49	0.87	0.46	100	128	120	222	A	3	0.30 - 0.52	90%	-40˚F / -40˚C

HIGH POTENTIAL TEST (V)

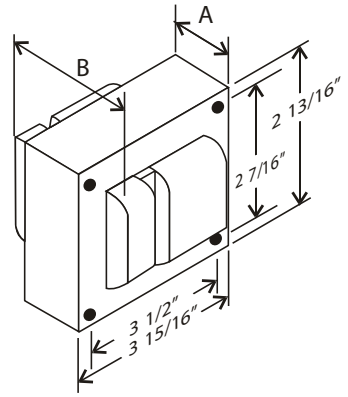
1 minute:	2 000
2 seconds:	2 500
OCV test:	110 - 135
Short circuit:	2.40 - 3.00

BALLAST DIMENSIONS

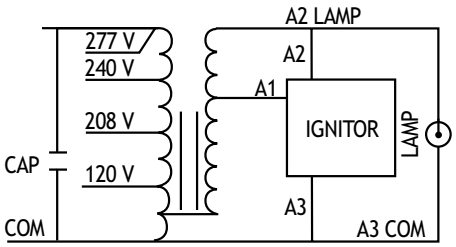
Dimension A (in.):	2.00
Dimension B (in.):	3.40
Lead Lengths (in.):	12.00
Weight (lbs):	6.50

CASE DIAGRAM

3” x 4” Core

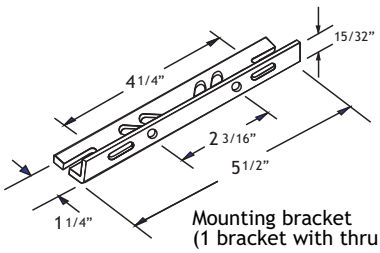


WIRING DIAGRAM



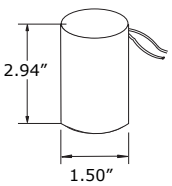
Ground ballast core

BRACKET

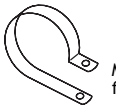


Mounting bracket
(1 bracket with thru bolts)

CAPACITOR

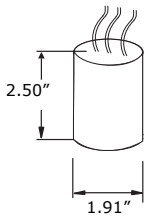


Rating:
10 ± 3% Mfd
280 VAC min.
Dry film capacitor
Thermal Plastic
Max. case temp.: 100˚C
No PCB’S

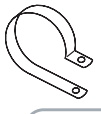


Mounting clip
for capacitor

IGNITOR



Ballast to lamp distance (BTL): 2’
Thermal Plastic
Max. case temp.: 110˚C



Mounting clip
for ignitor

Data is based upon tests performed in a controlled environment and representative of relative performance.
Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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