

TECHNICAL INFORMATION BULLETIN

ORDERING INFORMATION

Order code: **10020**
 Description: **BHPS0050/120/C/R/K/STD**
 Internal code: **BALS0050ACR**
 UPC: **69549100206**
 Warranty: **3 Years**
 Certification: **UL**
1029A
E244127

GENERAL INFORMATION

Ballast type: **Magnetic high pressure sodium**
 Ballast style: **Core and coil**
 Circuit type: **R-NPF (HPF with capacitor)**
 ANSI code: **S68**
 Input voltage (V): **120**
 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
NPF	120	1.18	0.00	1.61	50	60	120	95	A	8	1.28 - 1.60	45%	-40° F / -40° C
HPF	120	0.54	0.90	0.74	50	60	120	95	A	5	0.49 - 0.62	90%	-40° F / -40° C

HIGH POTENTIAL TEST (V)

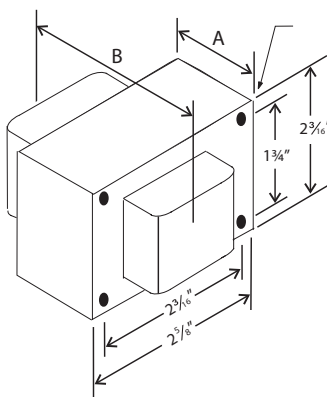
1 minute:	2 000
2 seconds:	2 500
OCV test:	114 - 126
Short circuit:	1.35 - 1.60

BALLAST DIMENSIONS

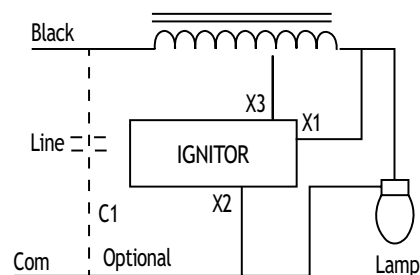
Dimension A (in.):	0.98
Dimension B (in.):	1.81
Lead Lengths (in.):	12.00
Weight (lbs):	1.43

CASE DIAGRAM

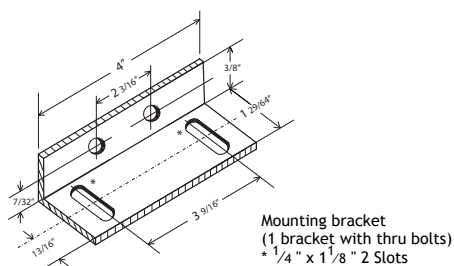
2 5/8" x 2 1/4" Core



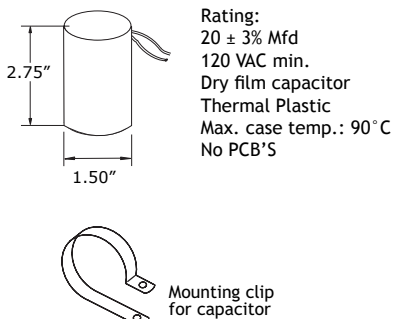
WIRING DIAGRAM



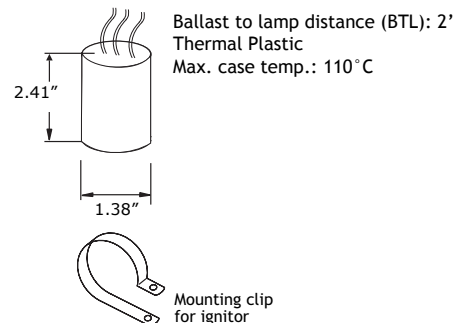
BRACKET



CAPACITOR (OPTIONAL)



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.