

TECHNICAL INFORMATION BULLETIN

LAMP AND BALLAST KIT



Ordering Information

Order code: 60995

ANSI code: S62

Description: LBK/BHPS0070/120/C/R/MED

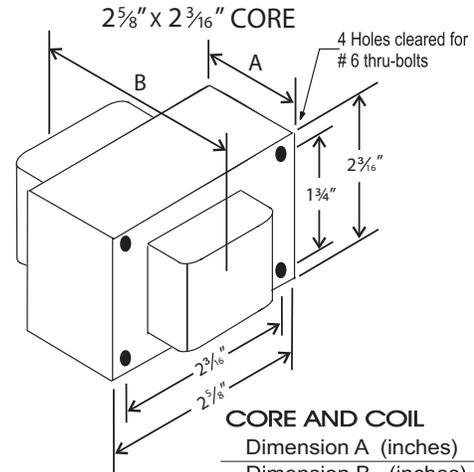
System: High Pressure Sodium

UPC: 69549609952

Ballast Information

Line Voltage	120V
Regulation	
Line Volts	+/-5%
Line Watts	WITHIN TRAPEZOID
Frequency	60 Hz
Circuit Type	R-NPF (HPF WITH CAPACITOR)
Power Factor (min)	90% MIN. WITH CAP.
Insulation Class	H(180°)
Min. Ambient Starting Temp.	-40° F or -40° C

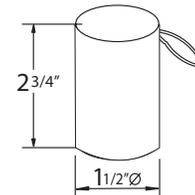
Line Voltage (Volts)	120	120
Line Current (Amps)	NPF	HPF
Operating	1.60	0.75
Open Circuit	0.00	1.45
Starting	1.95	0.90
Input Watts (W)	81	81
Open Circuit Voltage (V)	120	120
Drop Out Voltage (V)	95	95
UL(1029) Bench Top Rise	A	A
Recommended Fuse (Amps)	6	4
HIGH POTENTIAL TEST (VOLTS)		
1 Minute	2000	
2 Seconds	2500	
Open Circuit Voltage Test(volts)	114-126	
Short-Circuit Current Test (Amps)		
Secondary Current	1.8- 2.1	
Input Current (Amps)	1.72 - 2.10	0.62 - 0.78



CORE AND COIL

Dimension A (inches)	1.30
Dimension B (inches)	2.50
Weight (Lbs)	2.70
Lead Lengths (inches)	12

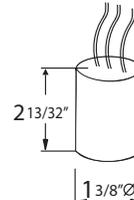
CAPACITOR (OPTIONAL)



RATING
28 Mfd ± 3%
120 VAC MIN
Dry Film Capacitor
Thermal Plastic Case
Max. Case Temp 100° C
NO PCB'S

IGNITOR

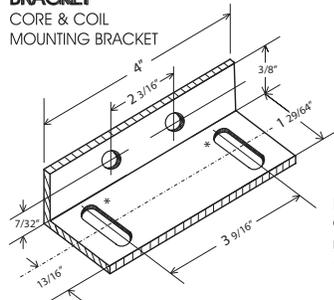
Ballast to Lamp Distance (BTL): 2 feet



(THERMAL PLASTIC CASE)
Max. case Temp: 110° C

BRACKET

CORE & COIL
MOUNTING BRACKET



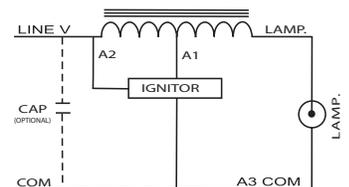
1353
Mounting bracket for
Core & Coil Ballasts
(1 bracket with thru bolts)
* 1/4\" x 1 1/8\" 2 SLOTS



C-01

MOUNTING CLIP for round
case (Furnished as standard
with B suffix ballast)

WIRING DIAGRAM



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.



www.standardpro.com

TECHNICAL INFORMATION BULLETIN

LAMP AND BALLAST KIT



Ordering Information

Order code: 60995

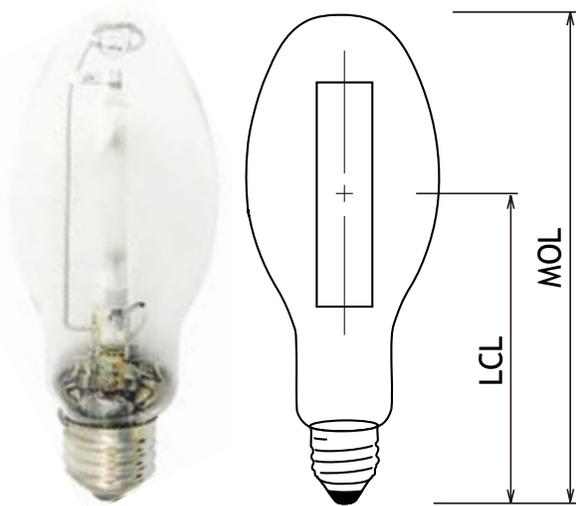
Description: LBK/BHPS0070/120/C/R/MED

UPC: 69549609952

ANSI code: S62

System: High Pressure Sodium

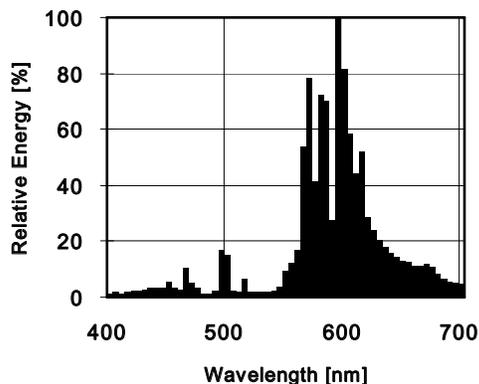
Lamp Information



Wattage (W):	70
Initial lumens (lm):	6 300
Mean lumens (lm):	5 350
Lumens per watt (lm/W):	90
Lamp voltage (V):	52
Colour temperature (K):	1 900
Chromaticity (x,y):	0.525, 0.415
CRI:	22
Average life (hrs):	24 000
Warm up time to 90% (min):	5
Hot restart time to 90% (min):	3
Burn Position:	Universal
Max base temperature:	190
Max lamp temperature:	400



Spectral Distribution



Physical data / Requirements

Shape:	ED17
Base:	Med Base E26
Finish:	Clear
Luminaire rating:	Open
Diameter (mm/in.):	54.0 (2 1/8)
MOL (mm/in.):	139.0 (5 15/32)
LCL (mm/in.):	86.0 (3 3/8)
Effective arc length (mm):	27

Warning

“R” WARNING: this lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if the outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available. Complies with USA Federal Standard 21 CFR 1040.30 and Canada Standard SOR/80-381.

