

TECHNICAL INFORMATION BULLETIN

LAMP AND BALLAST KIT



Ordering Information

Order code: 61009

ANSI code: S55

Description: LBK/BHPS0150/120/C/R/MED

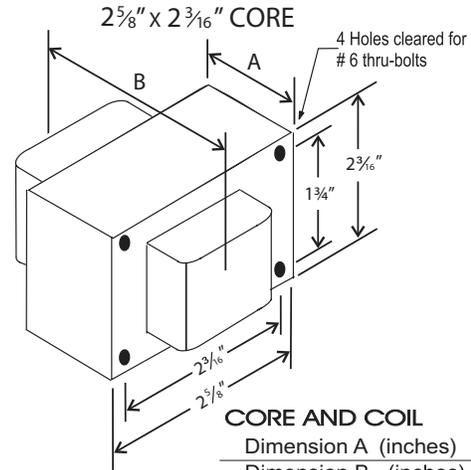
System: High Pressure Sodium

UPC: 69549610095

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

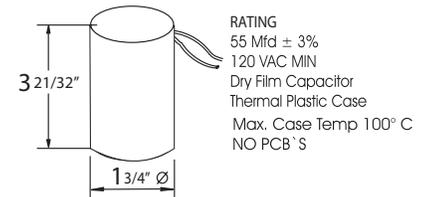
Line Voltage (Volts)	120	120
Line Current (Amps)	NPF	HPF
Operating	3.20	1.50
Open Circuit	0.00	2.54
Starting	4.10	1.67
Input Watts (W)	170	170
Open Circuit Voltage (V)	120	120
Drop Out Voltage (V)	95	95
UL(1029) Bench Top Rise	B	B
Recommended Fuse (Amps)	15	8
HIGH POTENTIAL TEST (VOLTS)		
1 Minute	2000	
2 Seconds	2500	
Open Circuit Voltage Test (volts)	114-126	
Short-Circuit Current Test (Amps)		
Secondary Current	3.65 - 4.60	
Input Current (Amps)	3.50 - 4.65	1.34 - 2.00



CORE AND COIL

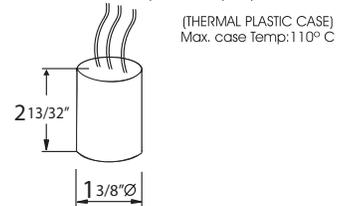
Dimension A (inches)	1.90
Dimension B (inches)	3.20
Weight (Lbs)	3.87
Lead Lengths (inches)	12

CAPACITOR (OPTIONAL)



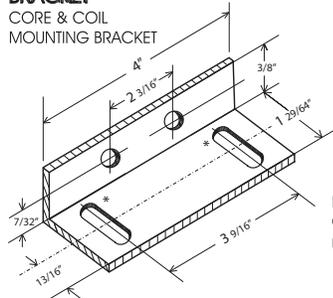
IGNITOR

Ballast to Lamp Distance (BTL): 2 feet



BRACKET

CORE & COIL
MOUNTING BRACKET



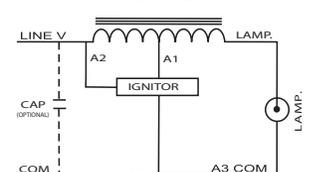
1353
Mounting bracket for
Core & Coil Ballasts
(1 bracket with thru bolts)
* 1/4" x 1 1/8" 2 SLOTS



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.



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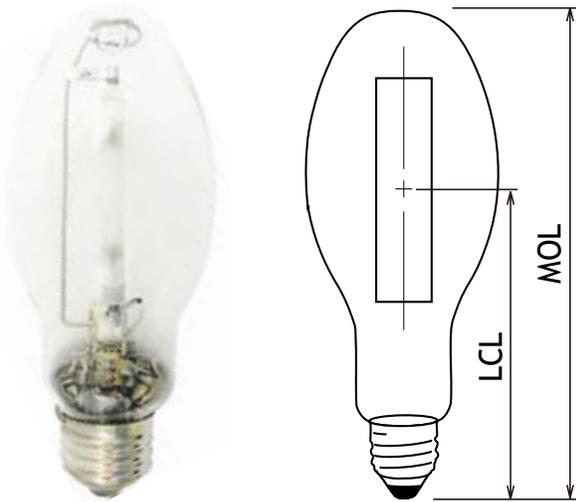
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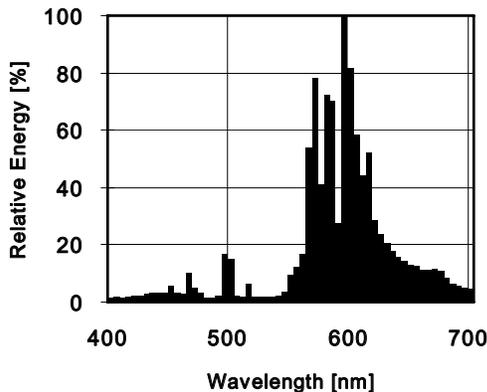
Lamp Information



Wattage (W):	150
Initial lumens (lm):	15 800
Mean lumens (lm):	13 400
Lumens per watt (lm/W):	105
Lamp voltage (V):	55
Colour temperature (K):	2 100
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

ALL
TOUTES

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):	40

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.

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