

# TECHNICAL INFORMATION BULLETIN

## LAMP AND BALLAST KIT



### Ordering Information

Order code: 61004

ANSI code: S50

Description: LBK/BHPS0250/TRITAP/C/CWA/MOG

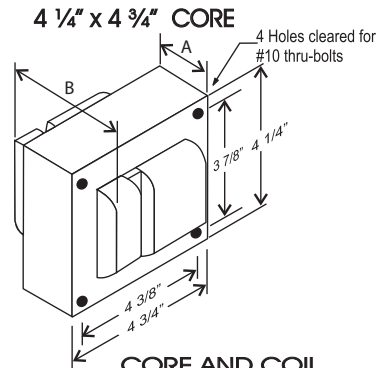
System: High Pressure Sodium

UPC: 69549610040

### Ballast Information

Line Voltage	120/277/347V
Regulation	
Line Volts	+/-10%
Line Watts	WITHIN TRAPEZOID
Frequency	60 Hz
Circuit Type	CWA
Power Factor (min)	90%
Insulation Class	H(180°)
Min. Ambient Starting Temp.	-40° F or -40° C

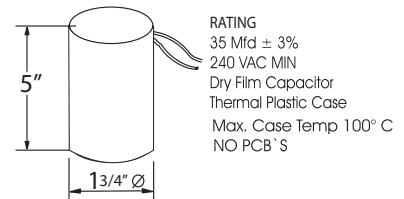
Line Voltage (Volts)	120	277	347
Line Current (Amps)			
Operating	2.5	1.1	0.90
Open Circuit	1.70	0.73	0.59
Starting	1.82	0.79	0.63
Input Watts (W)	295	295	295
Open Circuit Voltage (V)	185	185	185
Drop Out Voltage (V)	70	160	205
UL(1029) Bench Top Rise	B	B	B
Recommended Fuse (Amps)	8	3	3
HIGH POTENTIAL TEST (VOLTS)			
1 Minute	2000		
2 Seconds	2500		
Open Circuit Voltage Test(volts)	175-210		
Short-Circuit Current Test (Amps)			
Secondary Current	4.0 - 4.5		
Input Current (Amps)	1.51 - 1.86	0.65 - 0.81	0.51 - 0.64



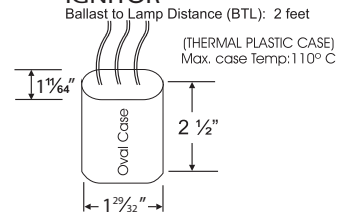
**CORE AND COIL**

Dimension A (inches)	1.80
Dimension B (inches)	3.50
Weight (Lbs)	11.90
Lead Lengths (inches)	12

### CAPACITOR

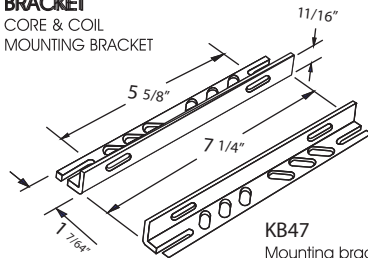


### IGNITOR



### BRACKET

CORE & COIL MOUNTING BRACKET

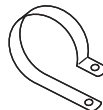


**KB47**  
Mounting bracket for Core & Coil Ballasts (2 brackets with thru bolts)



**C-01**

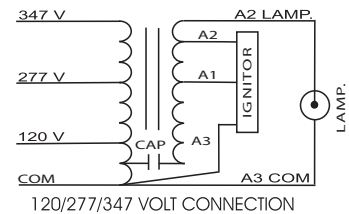
MOUNTING CLIP for round case (Furnished as standard with B suffix ballast)



**I-01**

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

### WIRING DIAGRAM



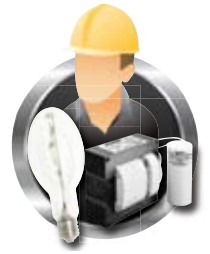
Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



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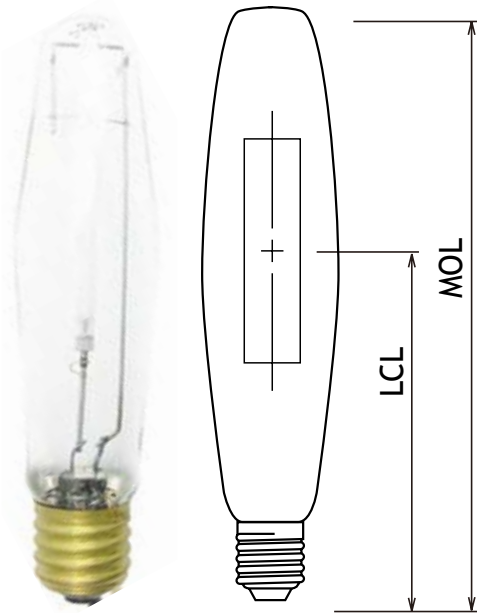
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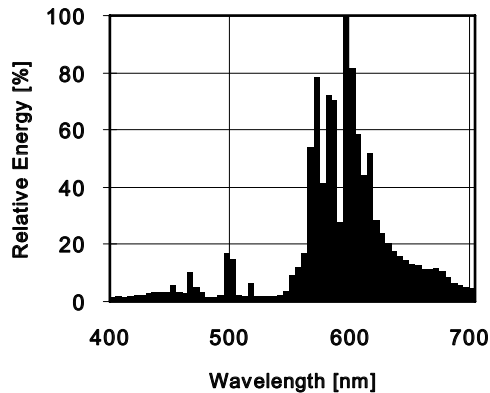
### Lamp Information



Wattage (W):	250
Initial lumens (lm):	28 500
Mean lumens (lm):	25 200
Lumens per watt (lm/W):	114
Lamp voltage (V):	100
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:	210
Max lamp temperature:	400

ALL TOUTES

### Spectral Distribution



### Physical data / Requirements

Shape:	ET18
Base:	Mog Base E39
Finish:	Clear
Luminaire rating:	Open
Diameter (mm/in.):	57.0 (2 1/4)
MOL (mm/in.):	248.0 (9 3/4)
LCL (mm/in.):	146.0 (5 3/4)
Effective arc length (mm):	67

### 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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