

TECHNICAL INFORMATION BULLETIN

LAMP AND BALLAST KIT



Ordering Information

Order code: 61005

ANSI code: S51

Description: LBK/BHPS0400/TRITAP/C/CWA/MOG

System: High Pressure Sodium

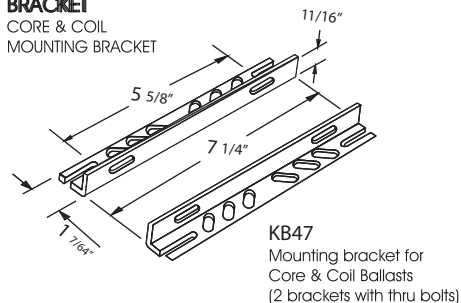
UPC: 69549610057

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	3.90	1.70	1.35
Open Circuit	2.10	0.92	0.72
Starting	3.30	1.43	1.14
Input Watts (W)	464	464	464
Open Circuit Voltage (V)	190	190	190
Drop Out Voltage (V)	90	208	260
UL(1029) Bench Top Rise	D	D	D
Recommended Fuse (Amps)	10	5	5
HIGH POTENTIAL TEST (VOLTS)			
1Minute	2000		
2 Seconds	2500		
Open Circuit Voltage Test(volts)	170-210		
Short-Circuit Current Test (Amps)			
Secondary Current	6.2 - 7.0		
Input Current (Amps)	2.75 - 3.20	1.20 - 1.40	0.95 - 1.15

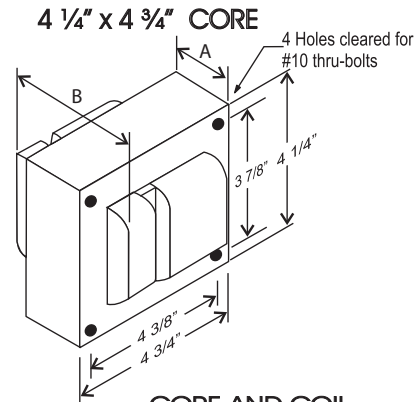
BRACKET CORE & COIL MOUNTING BRACKET



C-01
MOUNTING CLIP for round
case (Furnished as standard
with B suffix ballast)



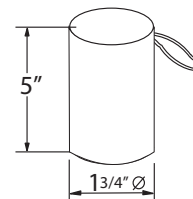
I-01
MOUNTING CLIP for oval
case (Furnished as standard
with B suffix ballast)



CORE AND COIL

Dimension A (inches)	2.30
Dimension B (inches)	4.10
Weight (Lbs)	14.60
Lead Lengths (inches)	12

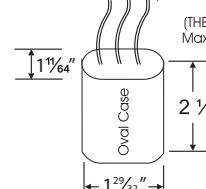
CAPACITOR



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

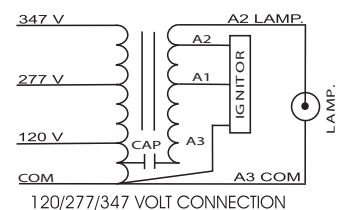
IGNITOR

Ballast to Lamp Distance (BTL): 2 feet



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

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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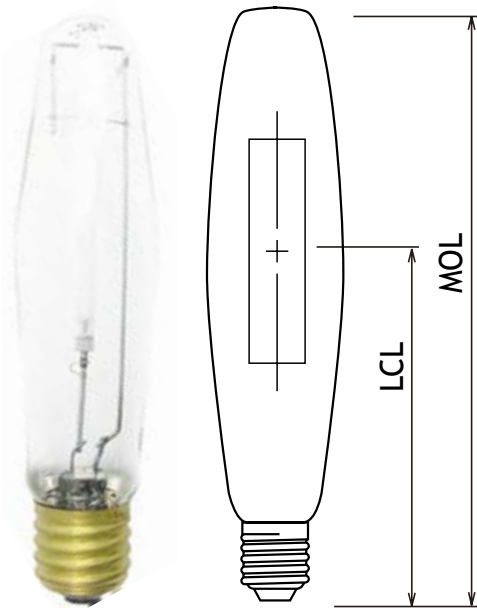
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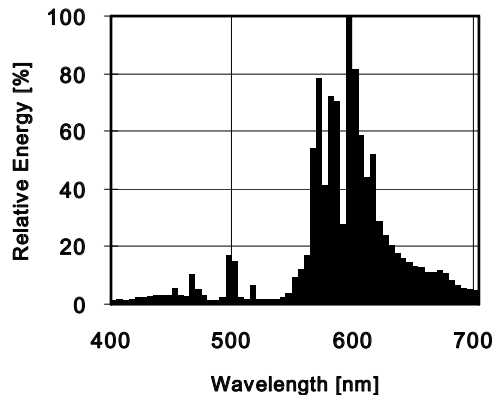
Lamp Information



Wattage (W):	400
Initial lumens (lm):	50 000
Mean lumens (lm):	45 000
Lumens per watt (lm/W):	125
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):	57

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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