

# TECHNICAL INFORMATION BULLETIN

## LAMP AND BALLAST KIT



### Ordering Information

Order code: 61006

ANSI code: M98

Description: LBK/BMH0070/TRITAP/C/HX/MED

System: Pulse Start Metal Halide

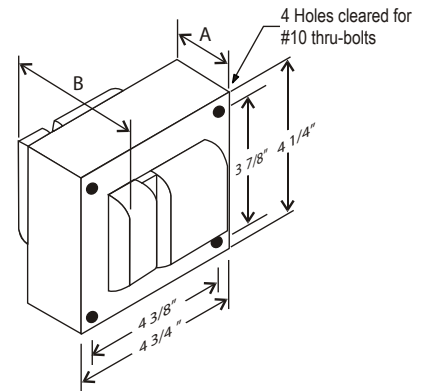
UPC: 69549610064

### Ballast Information

Line Voltage	120/277/347V
Regulation	
Line Volts	+/-10%
Line Watts	+/-10%
Frequency	60 Hz
Circuit Type	CWA
Power Factor (min)	90%
Insulation Class	H(180°)
Min. Ambient Starting Temp.	-20° F or -30° C

Line Voltage (Volts)	120	277	347
Line Current (Amps)			
Operating	4.0	1.70	1.40
Open Circuit	3.50	1.60	1.30
Starting	2.90	1.30	1.00
Input Watts (W)	458	458	458
Open Circuit Voltage (V)	300	300	300
Drop Out Voltage (V)	60	140	175
UL(1029) Bench Top Rise	B	D	D
Recommended Fuse (Amps)	10	5	4
HIGH POTENTIAL TEST (VOLTS)			
1 Minute	2000		
2 Seconds	2500		
Open Circuit Voltage Test(volts)	270-330		
Short-Circuit Current Test (Amps)			
Secondary Current	3.4 - 4.2		
Input Current (Amps)	2.50 - 3.10	1.05 - 1.40	0.85 - 1.10

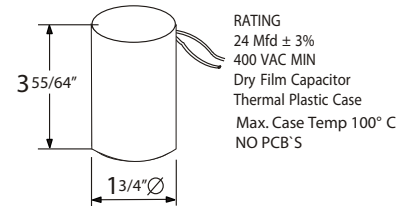
### 4 1/4" x 4 3/4" CORE



### CORE AND COIL

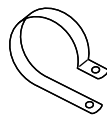
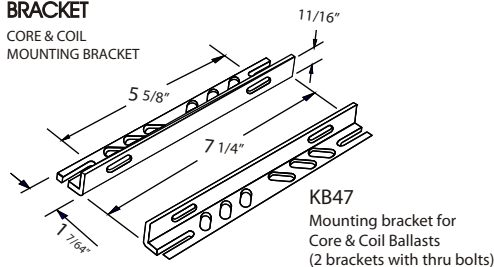
Dimension A (inches)	2.00
Dimension B (inches)	3.70
Weight (Lbs)	13.00
Lead Lengths (inches)	12

### CAPACITOR



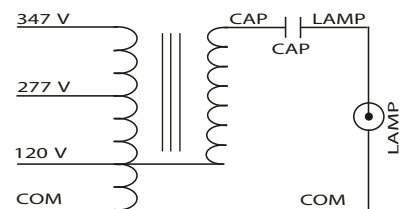
### BRACKET

CORE & COIL  
MOUNTING BRACKET



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

### WIRING DIAGRAM



120/277/347 VOLT CONNECTION



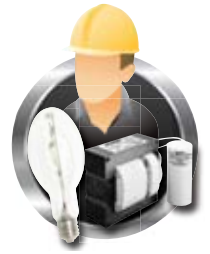
Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



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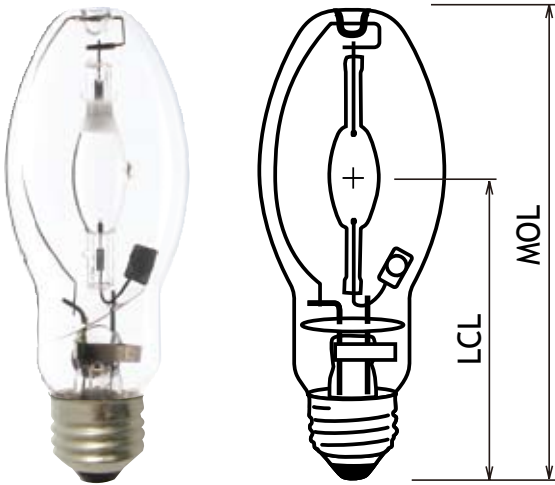
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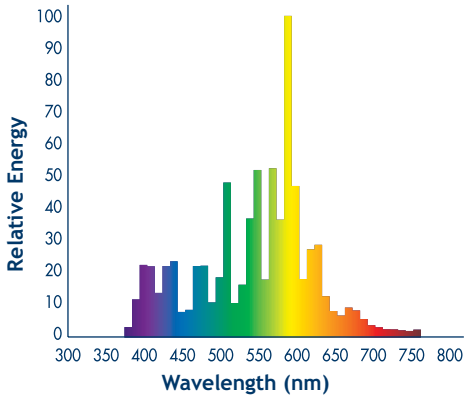
### Lamp Information



Wattage (W):	70
Initial lumens (lm):	5 600
Mean lumens (lm):	3 600
Lumens per watt (lm/W):	80
Lamp voltage (V):	85
Colour temperature (K):	4 000
Chromaticity (x,y):	0.385, 0.390
CRI:	65
Average life (hrs):	15 000
Lamp lumen depreciation:	0.65% @ 6 000 hrs
Warm up time to 90% (min):	1-2
Hot restart time to 90% (min):	2-4
Burn Position:	Universal
Dimming:	50% rated power
Max base temperature:	210
Max lamp temperature:	400
Socket pulse rating (kV):	4

ALL TOUTES

### Spectral Distribution



### Physical data / Requirements

Shape:	ED17
Base:	Med Base E26
Finish:	Clear
Luminaire rating:	Enclosed Rated
Diameter (mm/in.):	54.0 (2 1/8)
MOL (mm/in.):	138.0 (5 7/16)
LCL (mm/in.):	86.0 (3 3/8)
Effective arc length (mm):	9
Mercury Content (mg):	8.5

### 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.

