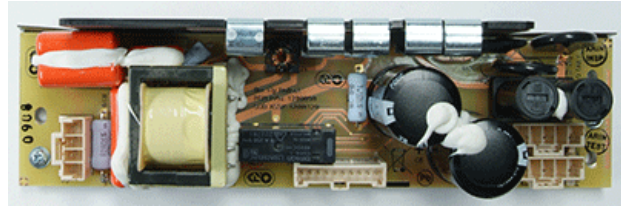




2840 N. Hollywood Way
 Burbank, CA U.S.A. 91505-1023
 Tel: +1 (818) 767-6528
 Fax : +1 (818) 767-7517
 www.kinoflo.com



6800120 - BarFly Ballast Board

[Click here](#) BarFly Electronic Schematics with test points.

Overview

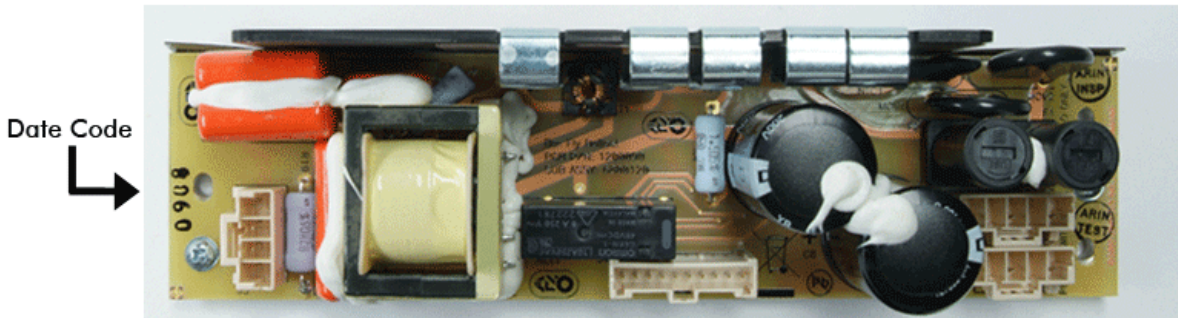
Used in BarFly series model #'s **BAL-407, BAL-207 & BAL-107.**

6800120 – BarFly Ballast Board Out of Warranty – Last date of Mfg August 2011.

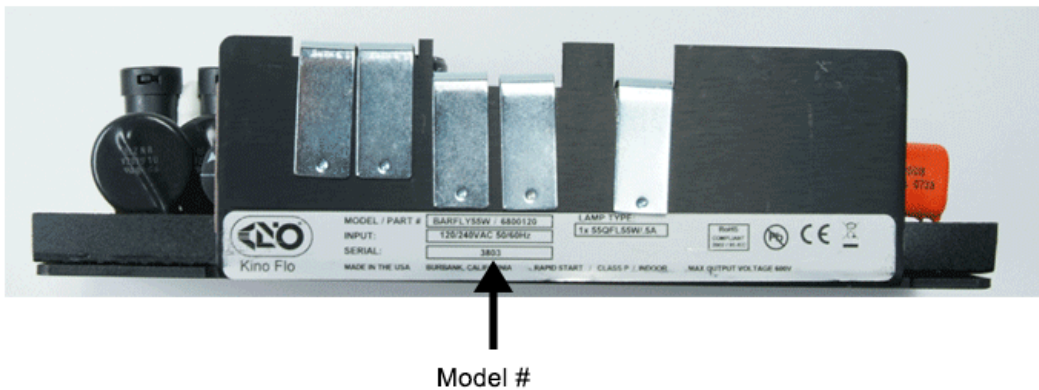
Manufacturing started February 2007.
 2 Year Warranty – Based on 4 digit date code.

First 2 digits is year of manufacturing, second 2 digits is week of manufacturing.
 For example, "1120" was manufactured the 20th week of 2011.

BarFly Ballast Board (Part # 6800120) Top View



BarFly Ballast Board (Part # 6800120) Side View



Electrical Components (BarFly)

Board Location	Kino Flo Part #s	Description	Component Value	UM	Qty/Board
----------------	------------------	-------------	-----------------	----	-----------

BR1	1040035	Bridge Rectifier (GBU)	8A 1000V PIV	EA	1
C7, C8	1000066	Cap, Electrolytic 105 C	390uf 200V	EA	2
D5	1050063	Diac - ST32	32V-2A		1
D2	1050007	Zener Diode - SMT - SOT-23	BZX84C15 (15V)	EA	1
D1	1050008	Zener Diode - SMT - SOT-23	BZX84C18 (18V)	EA	1
D4, 8, 9, 10	1050056	Diode - SMT - Fast Recovery	US1M (1A, 1000V)	EA	4
TVS1 - TVS6	1050031	Diode TVS SMCJ170A	170V	EA	6
TVS7	1050062	Diode TVS 1SMB5955	180V	EA	1
F1, F2	1300019	Ceramic Fuse(5x20mm)	3.15A 250V Slo Blo	EA	2
MOV2	1040047	Metal Oxide Varistor	250VAC	EA	1
MOV1 No longer available	1040050	Metal Oxide Varistor	150VAC	EA	1
Q1	1090001	Transistor - SMT - General Purpose	MMBT3904	EA	1
Q2	1090002	Transistor - SMT - General Purpose	MMBT3906	EA	1
Q3	1080023	N Channel Mosfet	20A 600V 190mOhm	EA	1
Q4, Q5	1080021	BUL 416	-	EA	2
R4 No longer available	1020057	RES Metal Oxide	1.5 Ohm 3W	EA	1
R19	1020019	Resistor - Metal Oxide	82k Ohm 2W 5%	EA	1
R5	1030012	Resistor - SMT - 1206	12k Ohm 5%	EA	1
R7, 8, 9, 15, 16, 17, 18, 22, 23, 24, 25	1030017	Resistor - SMT - 1206	100k Ohm 5%	EA	11
R2 No longer available	1030024	Resistor - SMT - 1206	10k Ohm 1%	EA	1
R1, 27	1030043	Resistor - SMT - 1206	220k Ohm 5%	EA	2
T1 No longer available	1180045	Kino Transformer	Drive-Quad-55Watt-Non-PFCEA		1
T2 No longer available	1180044	Kino Transformer	Output-Quad-55Watt -Non-PFC	EA	1

Hardware – Clip (BarFly)

Board Location	Kino Flo Part #s	Description	Component Value	UM	Qty/Board
Q3, Q4, Q5, BR1	5550004	Snap-On Clip	-	EA	5

Part Number PRT-TC Sold as 50pk

2021-07-14