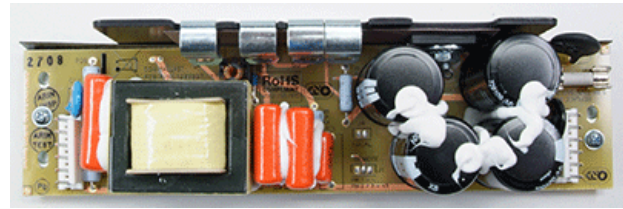




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6800131 - DG4 Ballast Board

[Click here](#) for DG4 Operation Manual.

[Click here](#) for DG4 Electronic Schematics with test points.

Overview

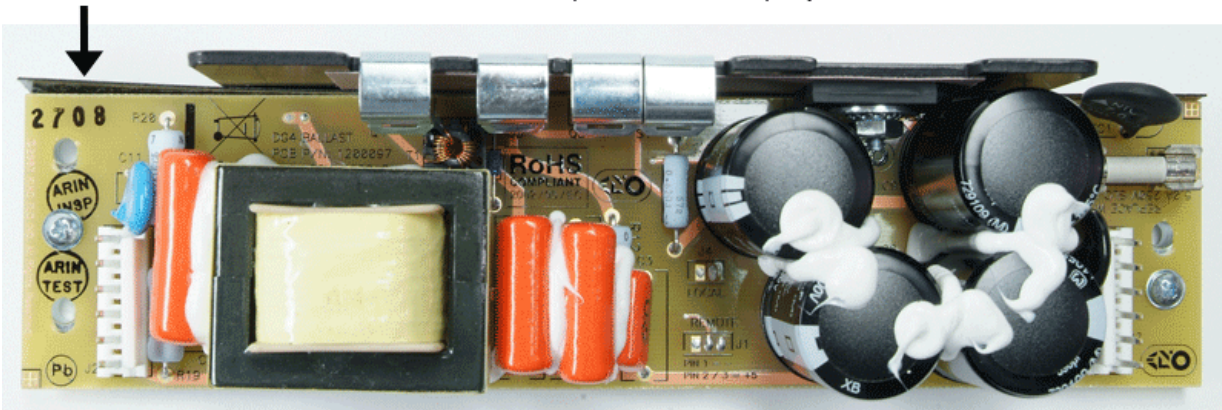
DG4 Out of Warranty – Manufacturing started September 2007. Last date of Mfg December 2012.

For Foto-Flo 400 & 200 Ballasts, model #'s BAL-422 & BAL-222, replace DG ballast board with **MG6R (Part # 6800229) Ballast Board**.

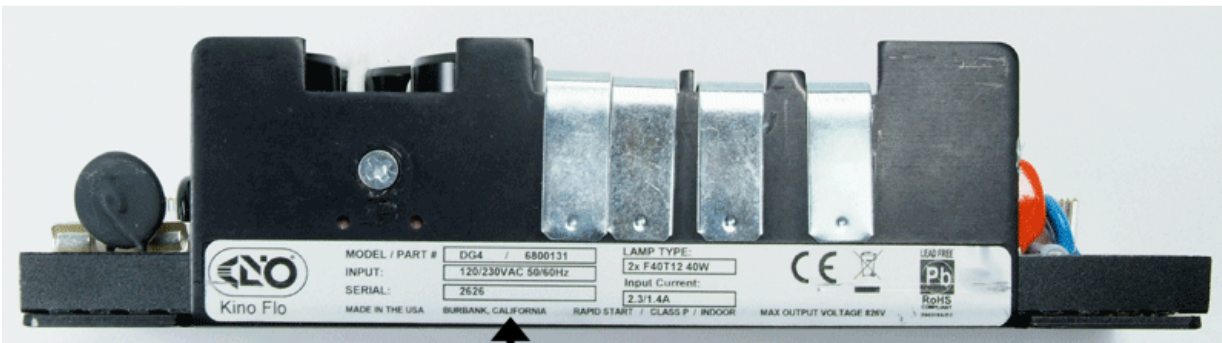
Used in Foto-Flo 400/200, Foto-Flo 44, Wall-O-Lite, Image 82/42.

Date Code

DG4 Ballast Board (Part # 6800131) Top View



DG4 Ballast Board (Part # 6800131) Side View



Model #

Used in Foto-Flo 400. Also backwards compatible with products which used DG3 and DG2 including Foto-Flo 44, Foto-Flo 200, Image 82/42 and Wall-O-Lite.

Electrical Components (DG4)

Board Location	Kino Flo Part #s	Description	Component Value	UM	Qty/Board
BR1	1040035	Bridge Rectifier (GBU)	8A 1000V PIV	EA	1
C7, C8, C9, C10	1000066	Cap, Electrolytic 105 C	390uf 200V	EA	4
D5	1040039	Diac	32V		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	1050065	Diode - SMT - Fast Recovery	HS2MA 1.5A 1000V	EA	4
TVS1 - TVS6	1050031	Diode TVS SMCJ170A	170V	EA	6
TVS7	1050062	Diode TVS 1SMB5955	180V	EA	1
F1	1300002	Fu-5x20 Cer Sloblow	5A/250V	EA	1
MOV2	1040029	Metal Oxide Varistor	275VAC	EA	1
MOV1	1040026	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	1020040	RES Metal Oxide	1206 0.62Ohm 2W 5%	EA	1
R19, R20	1020019	Resistor - Metal Oxide	82k Ohm 2W 5%	EA	2
R5	1030012	Resistor - SMT - 1206	12k Ohm 5%	EA	1
R3, 6, 7, 8, 9, 15, 16, 17, 18, 22, 23, 24, 25, 41, 42	1030017	Resistor - SMT - 1206	100k Ohm 5%	EA	15
R2 No longer available	1030024	Resistor - SMT - 1206	10k Ohm 1%	EA	1
R1, 26, 27, 28, 29, 30, 31, 32, 33	1030043	Resistor - SMT - 1206	220k Ohm 5%	EA	9
T1	1180017	Kino Transformer TX-51	-	EA	1
T2 No longer available	1180048	Kino Transformer Output DG4	-	EA	1

Hardware-Clip (DG4)

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