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6800096 - VistaBeam 600/300 Ballast Board

[Click here](#) for VistaBeam **600/300** Electronic Schematics with test points.

Overview

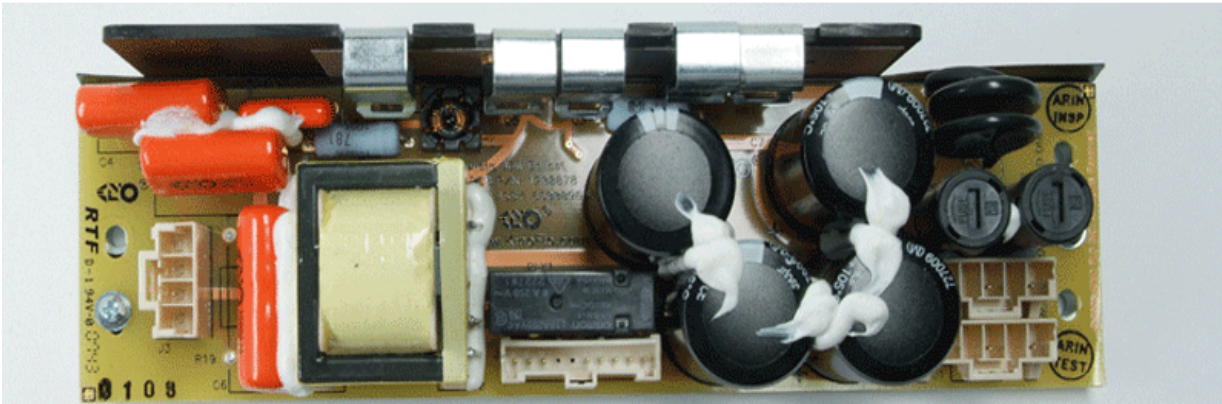
Used in VistaBeam series, model #'s **VIS-6C/6P/6Y** & **VIS-3C/3P/3Y**.

6800096 - VistaBeam 600/300 Ballast Board Out of Warranty - Last date of Mfg June 2012.

Manufacturing started January 2006.
 2 Year Warranty - Based on 4 digit date code.

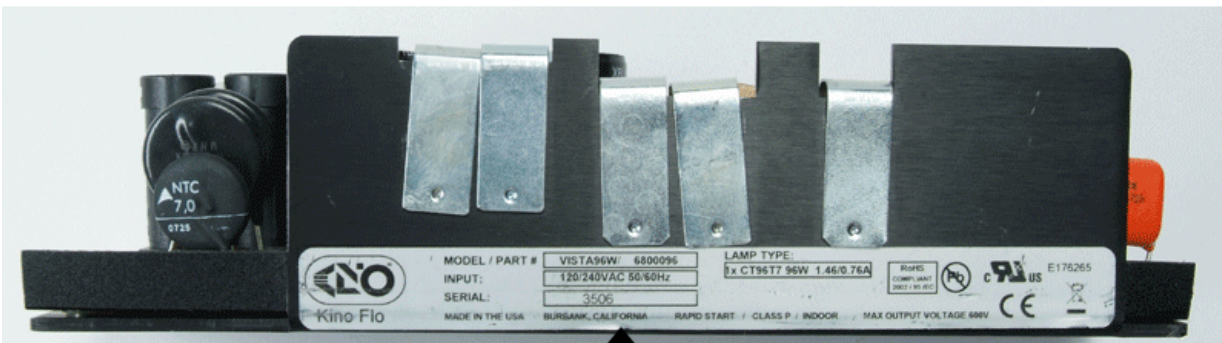
First 2 digits is year of manufacturing, second 2 digits is week of manufacturing.
 For example, "1120" was manufactured the 20th week of 2011.

VistaBeam 600/300 Ballast Board (Part # 6800096) Top View



↑
Date Code

VistaBeam 600/300 Ballast Board (Part # 6800096) Side View



↑
Model #

Kino Flo	MODEL / PART #	VISTA96W/ 6800096	LAMP TYPE:	8x CT95T7 95W 1.46/0.76A	ROHS COMPLIANT	PD	C	UL	US	E175265
	INPUT:	120/240VAC 50/60Hz								
	SERIAL:	3506								
MADE IN THE USA		BURBANK, CALIFORNIA	RAPID START	CLASS P	INDOOR	MAX OUTPUT VOLTAGE 680V				

Electrical Components (VistaBeam 600/300)

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
add #5490053 Insulator per Cap					
D5	1050063	Diac-ST32	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	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	1300020	Ceramic Fuse(5x20mm)	4A 250V Slo Blo	EA	2
MOV2	1040047	Metal Oxide Varistor	200VAC 20mm	EA	1
MOV1 No longer available	1040050	Metal Oxide Varistor	150VAC 20mm	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	1020041	RES Metal Oxide	1 Ohm 3W	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, 26, 28, 29, 30, 32, 34, 36	1030043	Resistor - SMT - 1206	220k Ohm 5%	EA	8
T1	1180017	Kino Transformer TX-51	-	EA	1
T2 No longer available	1180039	Transformer	Output 96Watt	EA	1

Hardware-Clip (VistaBeam 600/300)

Board Location	Kino Flo Part #s	Description	Component Value	UM	Qty/Board
Q3, Q4, Q5, BR1, S1	5550004	Snap-On Clip	-	EA	5
Part Number PRT-TC Sold as 50pk					

2021-07-14