REV. NO.	DESCRIPTION/ECO NUMBER	APPV'D DATE
A	RELEASED	10/16/02

METRIC

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN MILLIMETERS

TOLERANCE UNLESS OTHERWISE SPECIFIED

1 PL +/- REF.

2 PL +/-

ANGLE +/-

JKL COMPONENTS CORPORATION

TITLE: NDL LOAD CHARACTERISTICS DATA

DRAWN BY	APPV'D BY	DATE	SIZE	FSCM NO.	DRAWING NO.
L. WENGSTROM	F.D.	10/16/02	A	55335	NDL SERIES

- CAD DRAWING -

MANUAL REVISIONS NOT PERMITTED

SCALE: NONE

RELEASED DATE: 10/16/02

REVISION DATE:

REV. NO. A

MAXIMUM RATINGS

ITEMS	MAXIMUM RATINGS	OPERATING RANGE
Input voltage	6 V dc	3.0 to 5.5 V dc
Operating temperature	-10 to 50°	
Storage temperature	-20 to 70°	

RELIABILITY TEST ITEMS

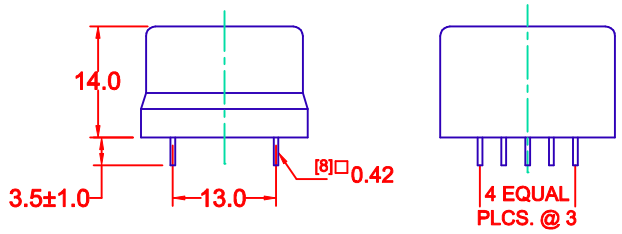
ITEMS	CONDITIONS	NOTES
Temperature shock	-20/70°C for 1 hour each, 10 cycles	1, 2, 3
Soldering heat resistance	260°C 10 seconds	1, 2, 3
Lead strength	1KG 10 seconds	1, 2, 3
Vibration	Frequency = 10 to 55 Hz, amplitude = 1.5mm (1 hour for each direction of X, Y, Z) sweep time = 1 minute/cycle	1, 2, 3

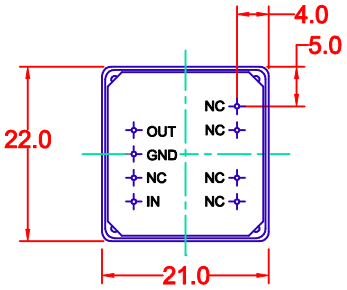
NOTES: 1. The changed values of input current, output voltage and output frequency must be within 10% of their initial values.
2. No significant change or abnormality in external appearance must occur.
3. Dimensions must conform to specifications.

RELIABILITY TEST ITEMS

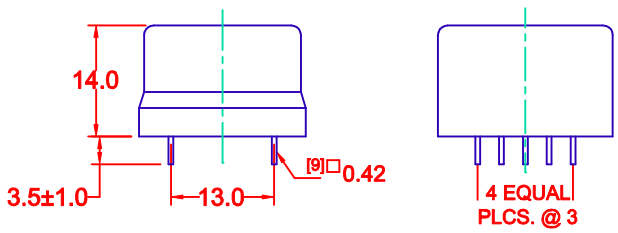
PART NUMBER	RECOMMENDED ELEMENT AREA (cm^2)	NOMINAL VALUE			
		LOAD AREA (cm^2)	BRIGHTNESS (cd/m^2)	FREQUENCY (Hz)	OUTPUT VOLTAGE (Vrms)
NDL-102	20 to 30	25	80 to 100	500 to 600	80 to 120
NDL-104	25 to 40	33			
NDL-106	40 to 80	60			
NDL-206	40 to 100	70			
NDL-208	60 to 140	90			
NDL-210	70 to 100	85			
NDL-212	80 to 120	100			
NDL-217	100 to 170	135			
NDL-201	10 to 19	15	40 to 60	450 to 550	70 to 90
NDL-202	19 to 38	28			
NDL-203	25 to 43	34			
NDL-204	41 to 70	56			
NDL-205	50 to 83	66			

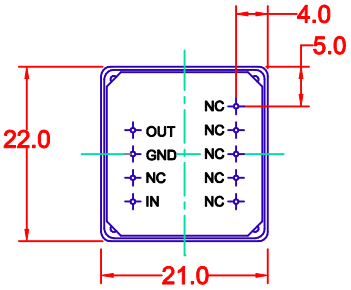
NDL-102, NDL-104



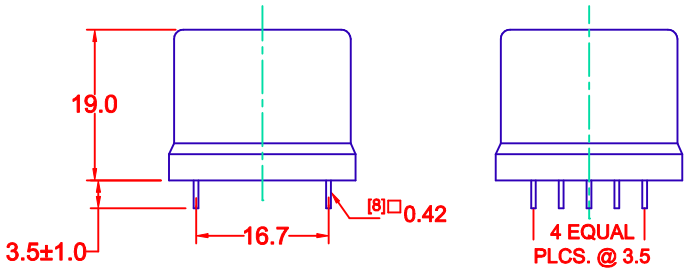


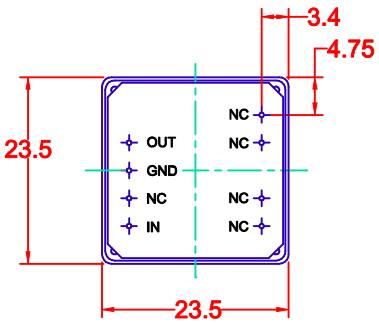
NDL-106



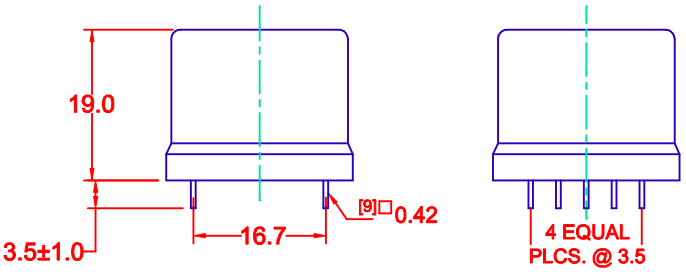


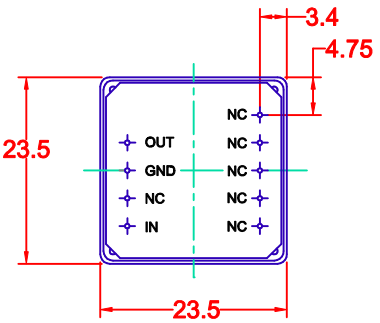
NDL-206, NDL-208, NDL-210, NDL-212



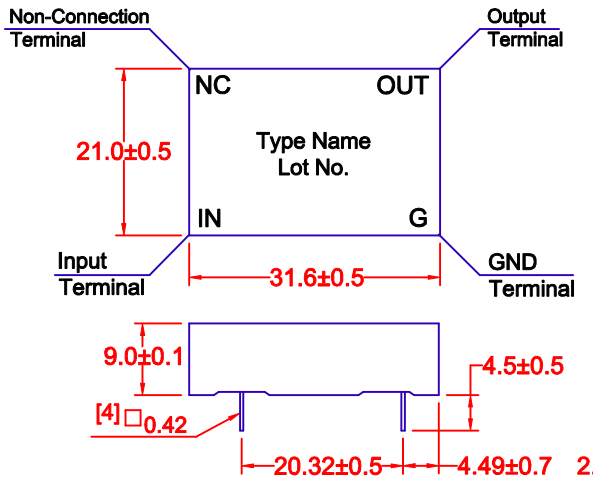


NDL-217





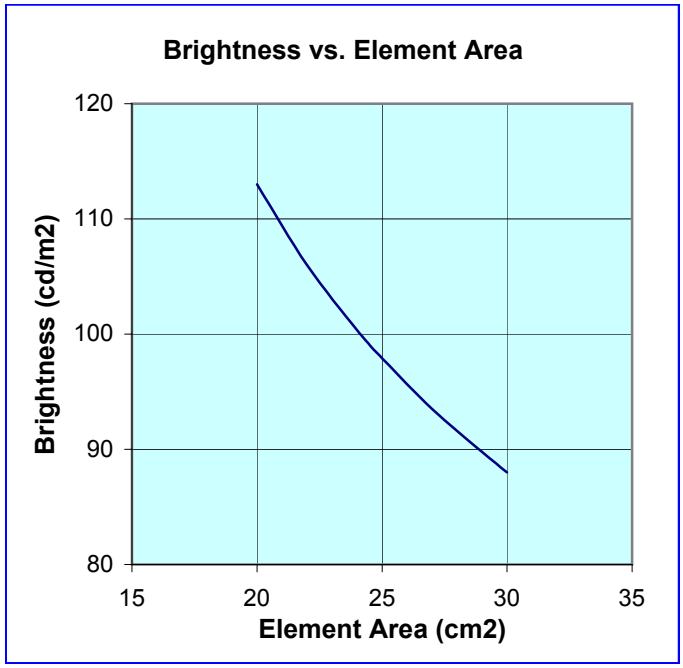
NDL-201 TO 205

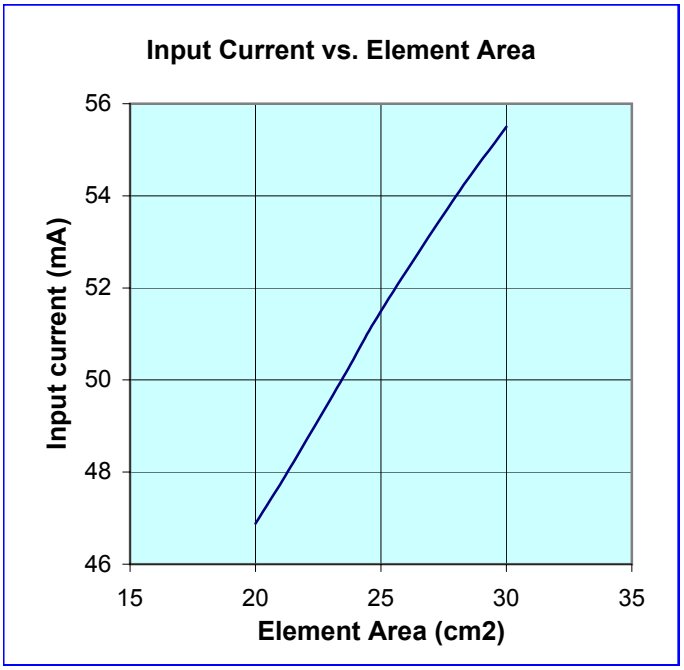


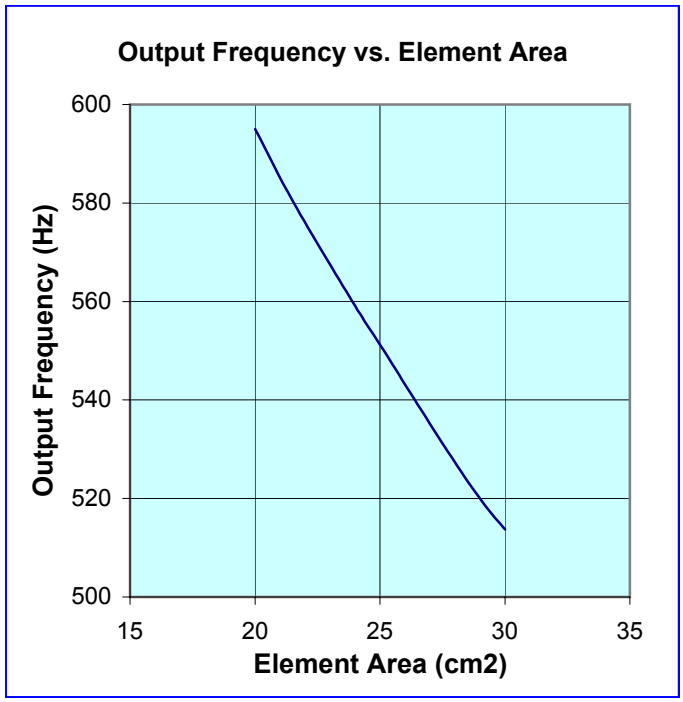
P.C.B. DRILLING
ON ALL SERIES
Ø1.07mm (0.042")
PTH AFTER PLATING

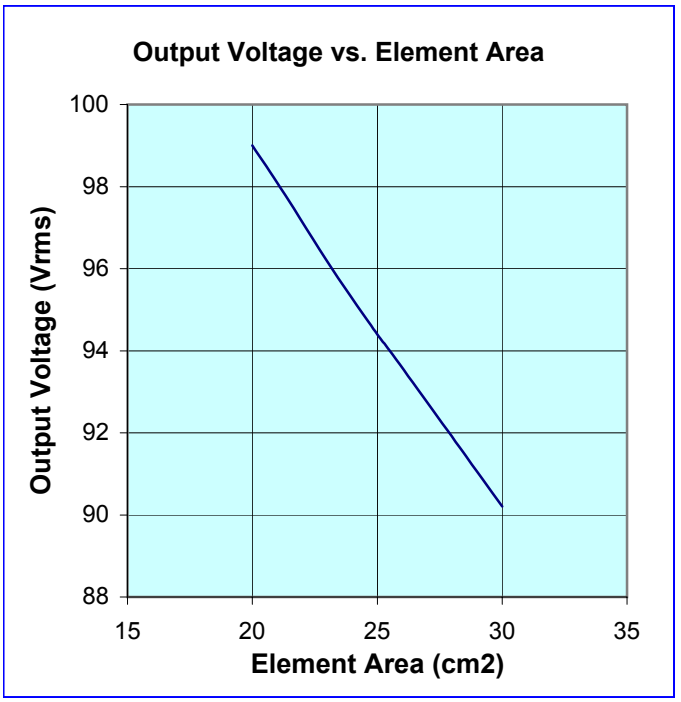
LOAD CHARACTERISTICS DATA

INVERTER: NDL-102









LOAD CHARACTERISTICS DATA

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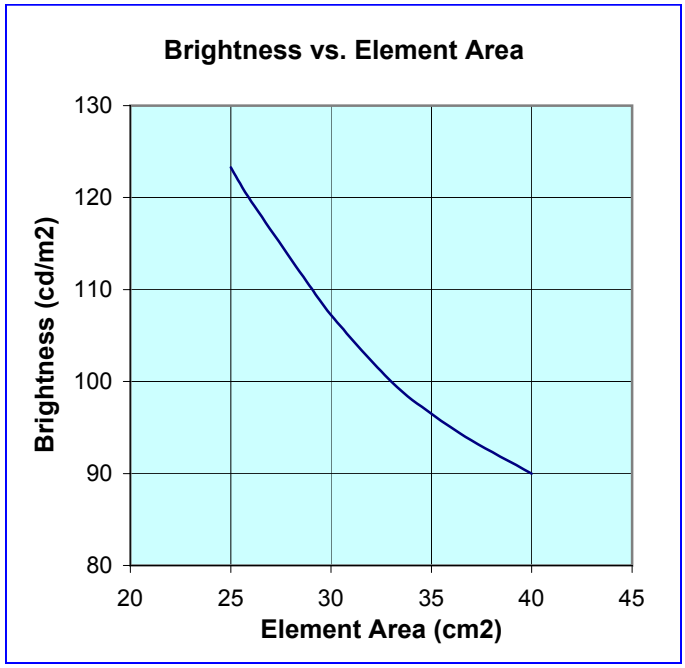
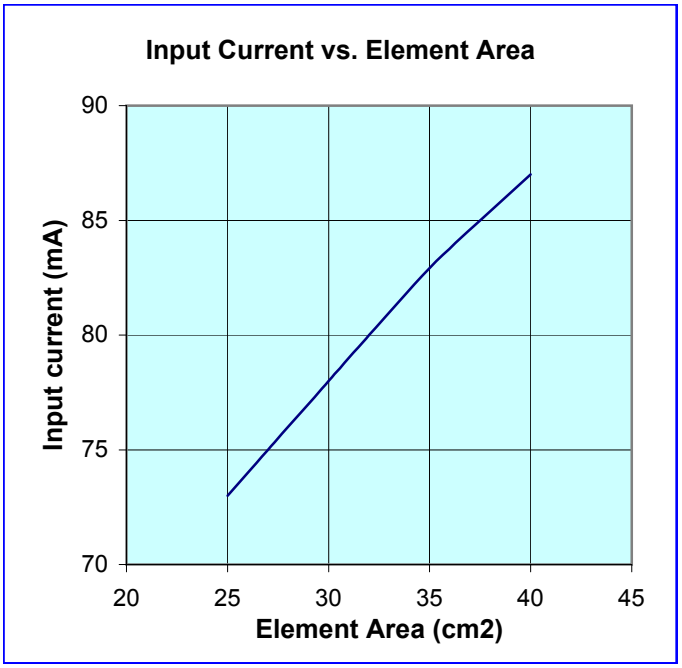
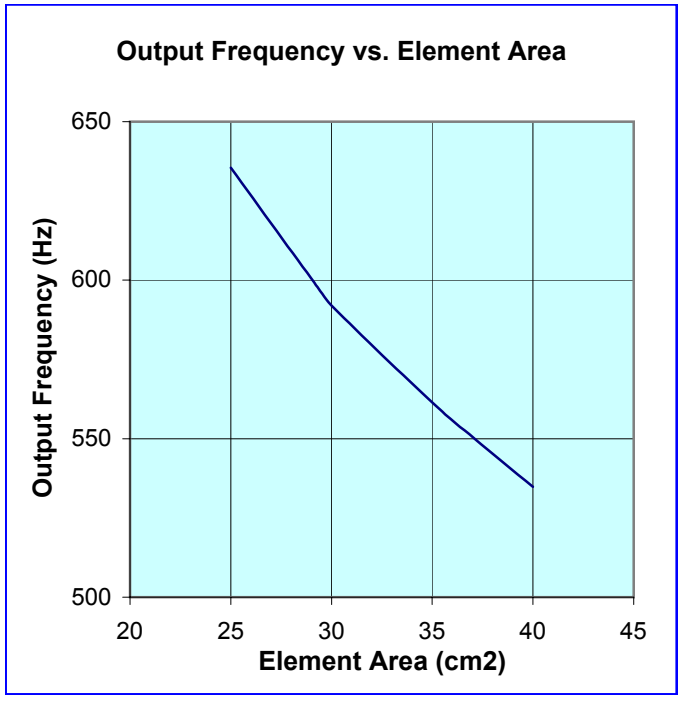
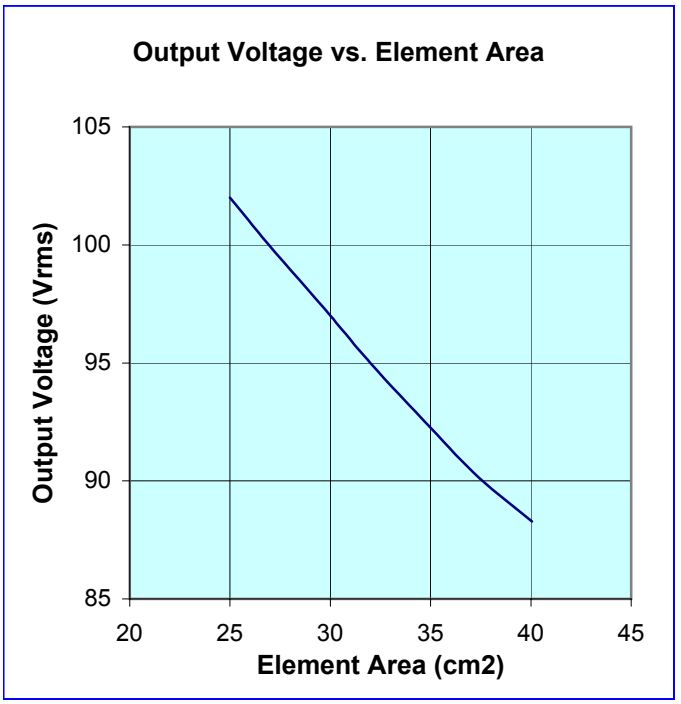


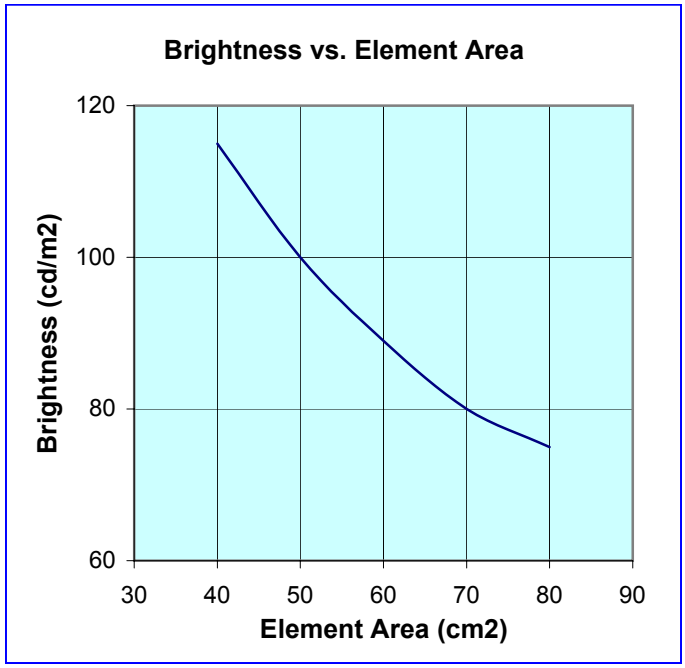


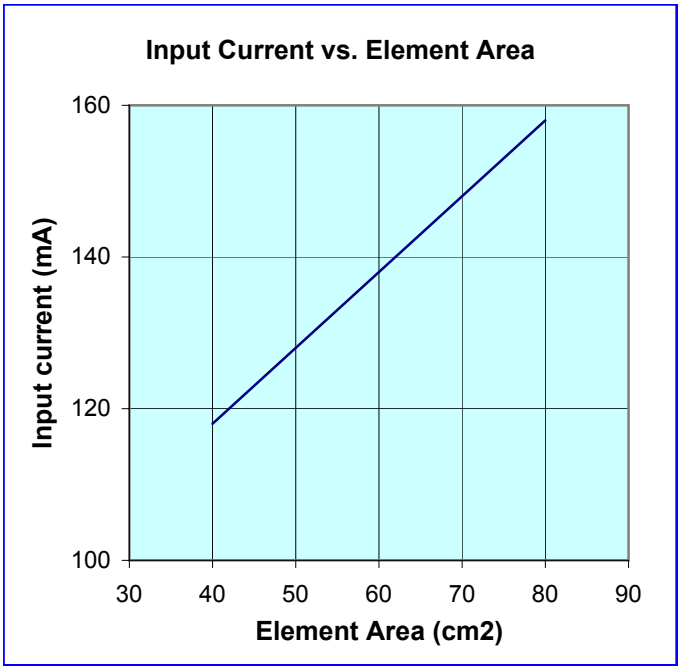


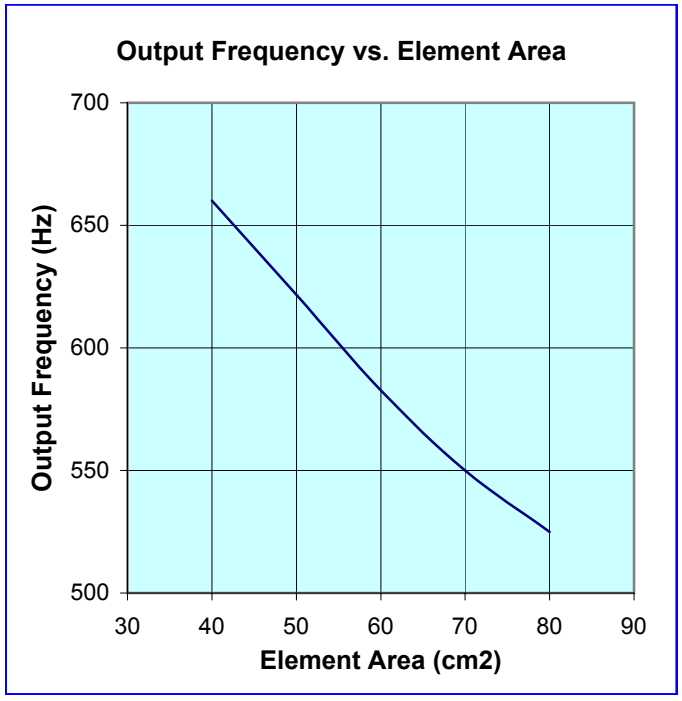


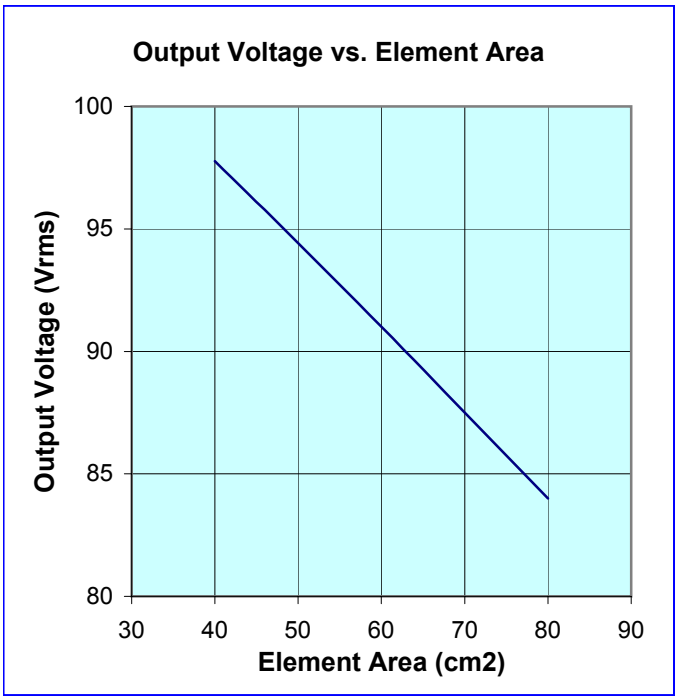
LOAD CHARACTERISTICS DATA

INVERTER: NDL-106



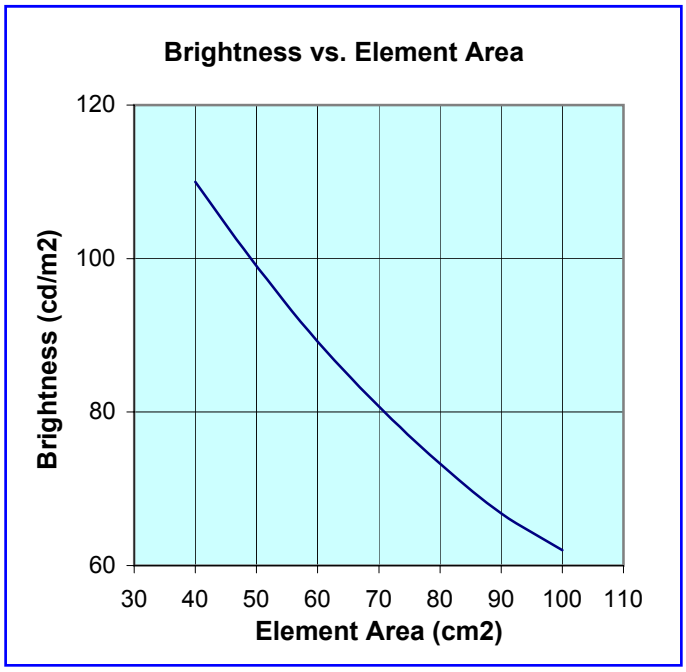


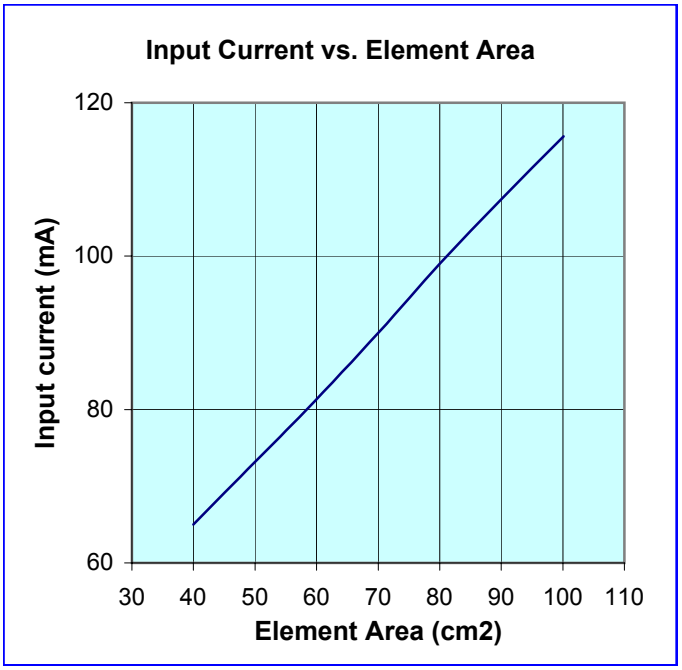


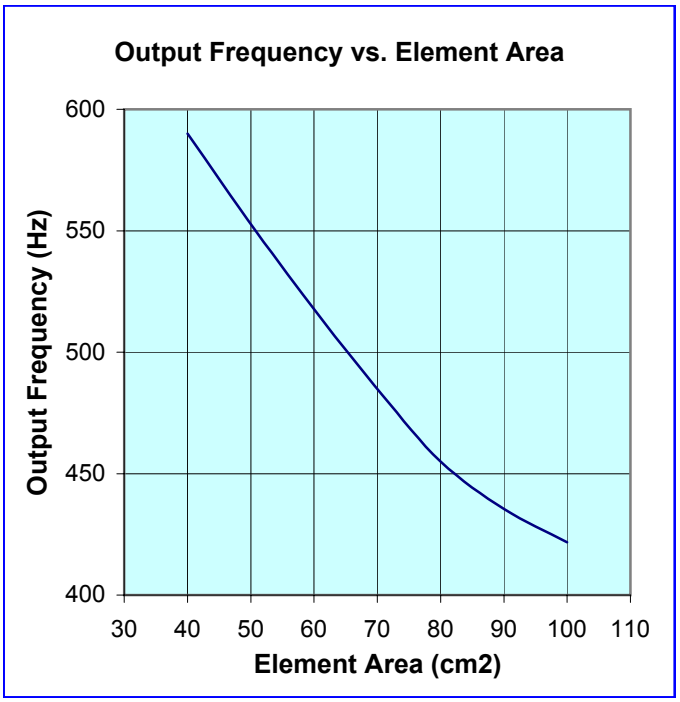


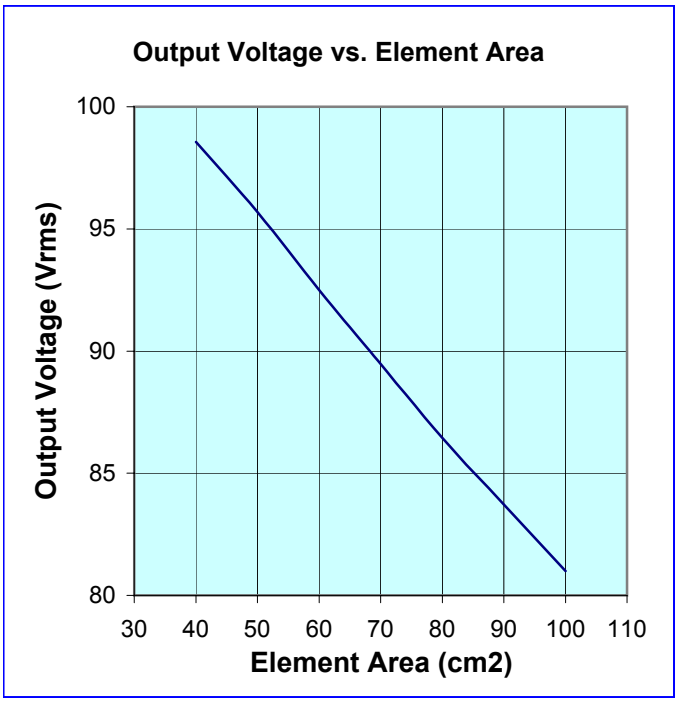
LOAD CHARACTERISTICS DATA

INVERTER: NDL-206









LOAD CHARACTERISTICS DATA

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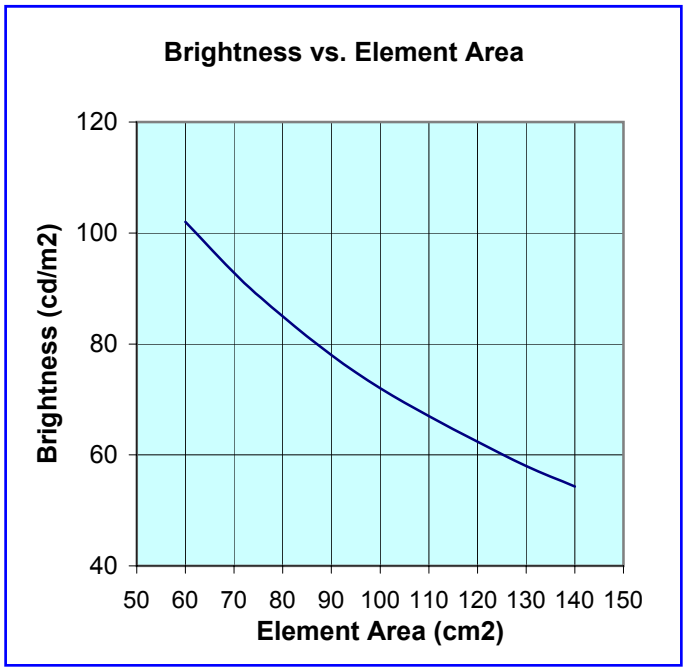

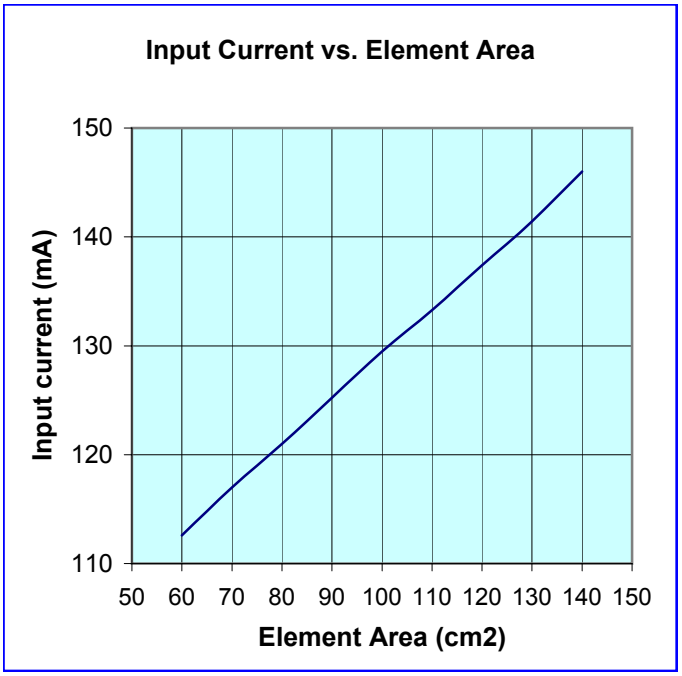

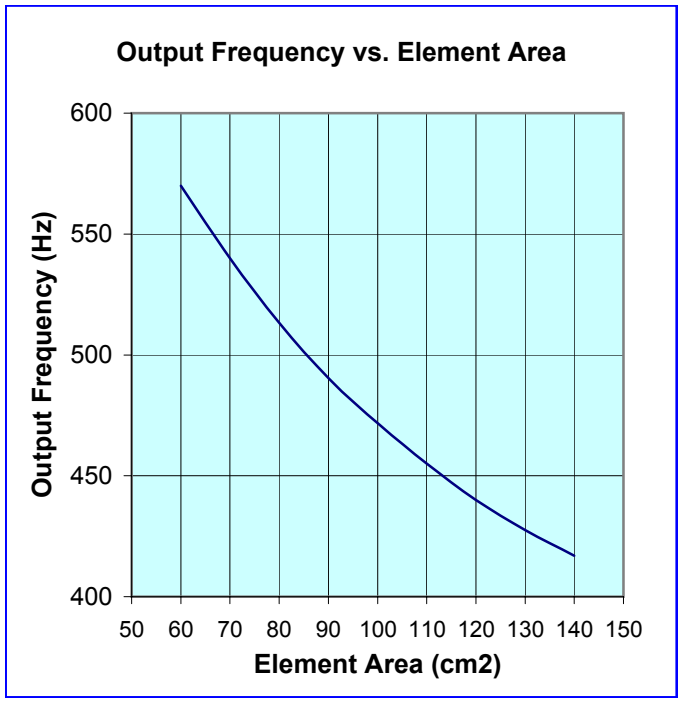

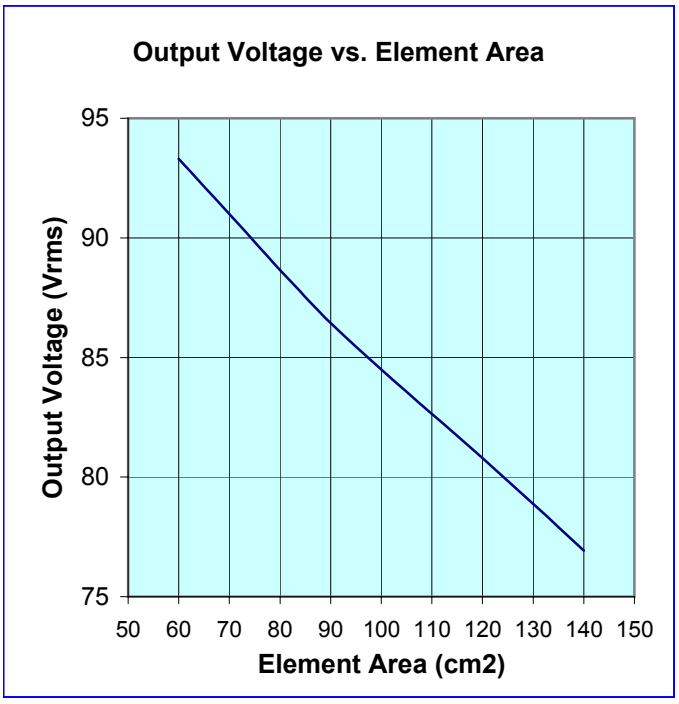

LOAD CHARACTERISTICS DATA

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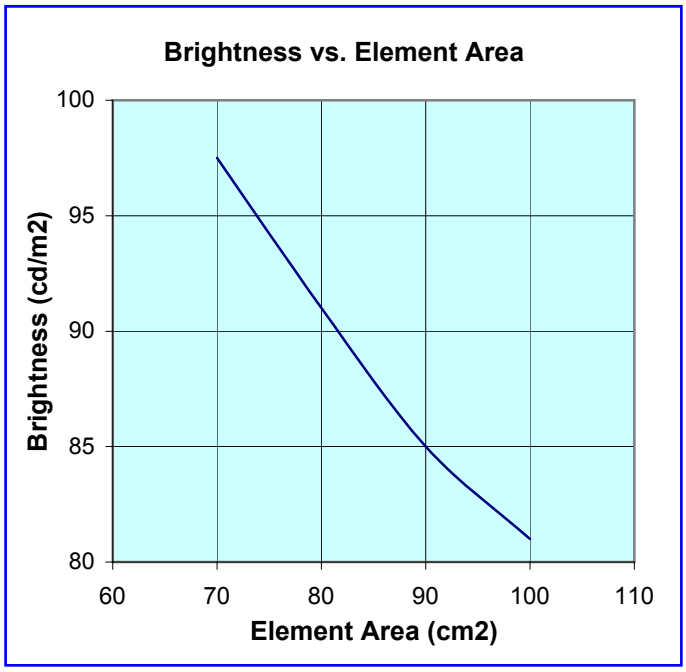
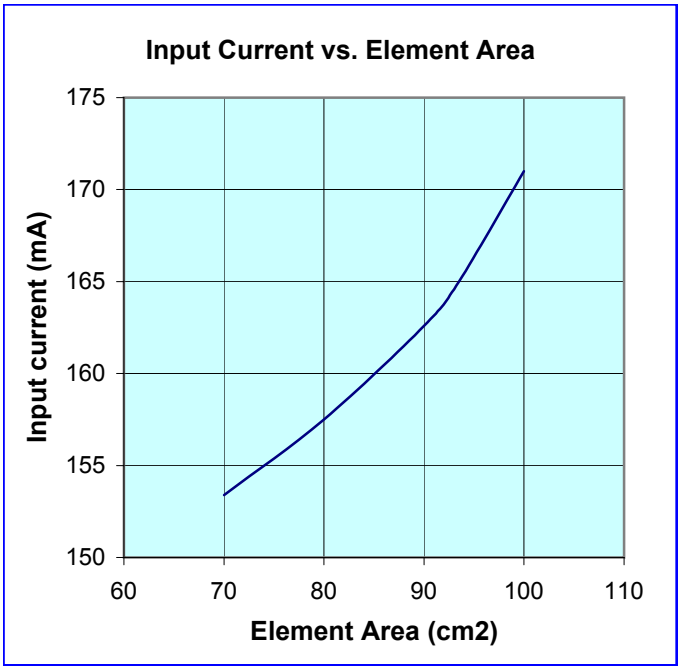
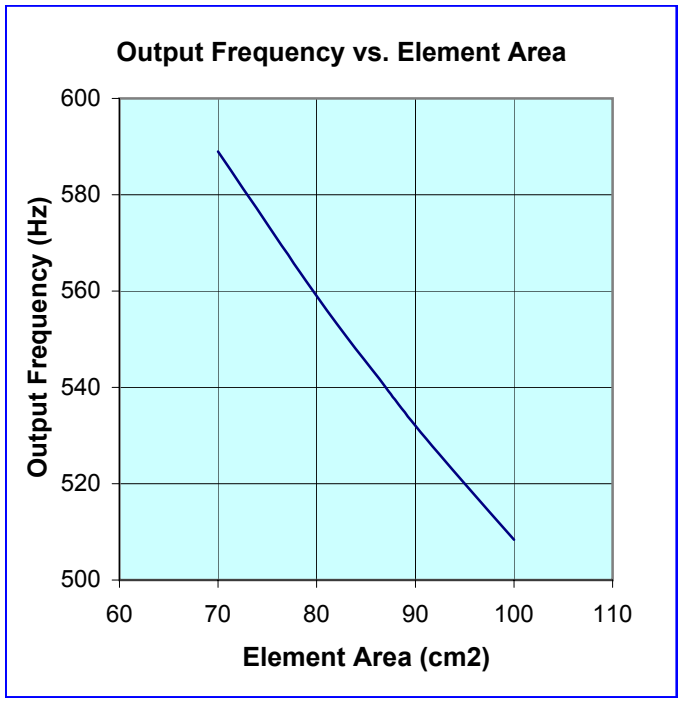
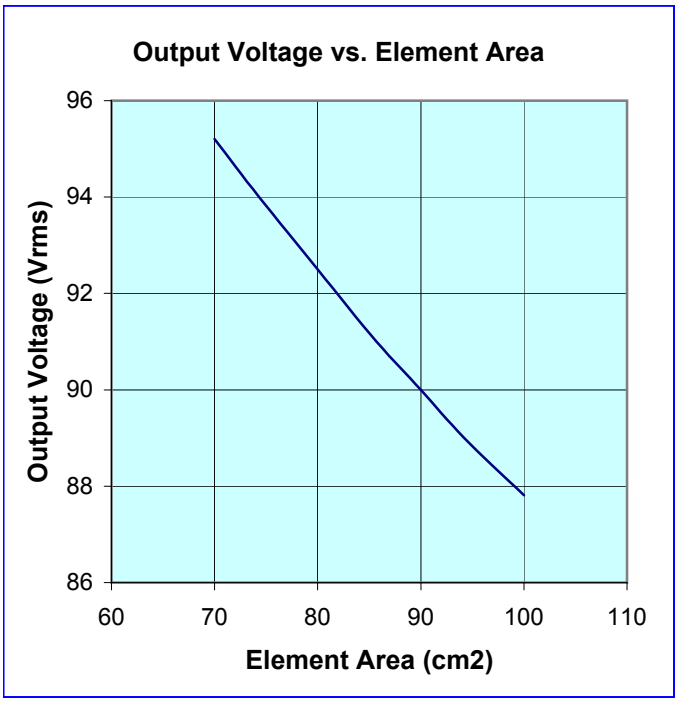


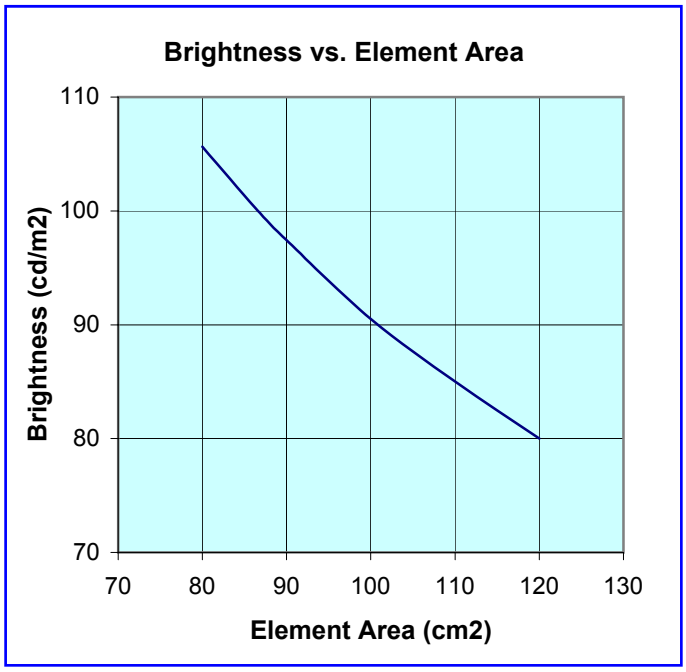


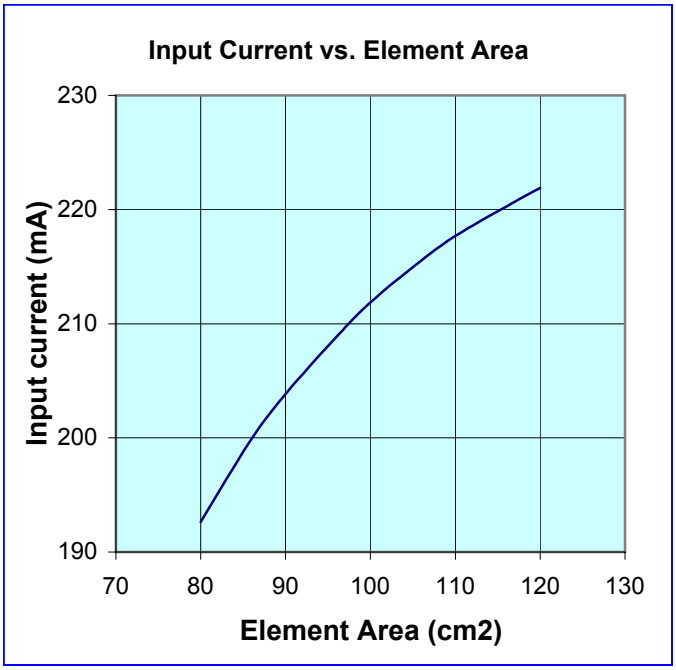


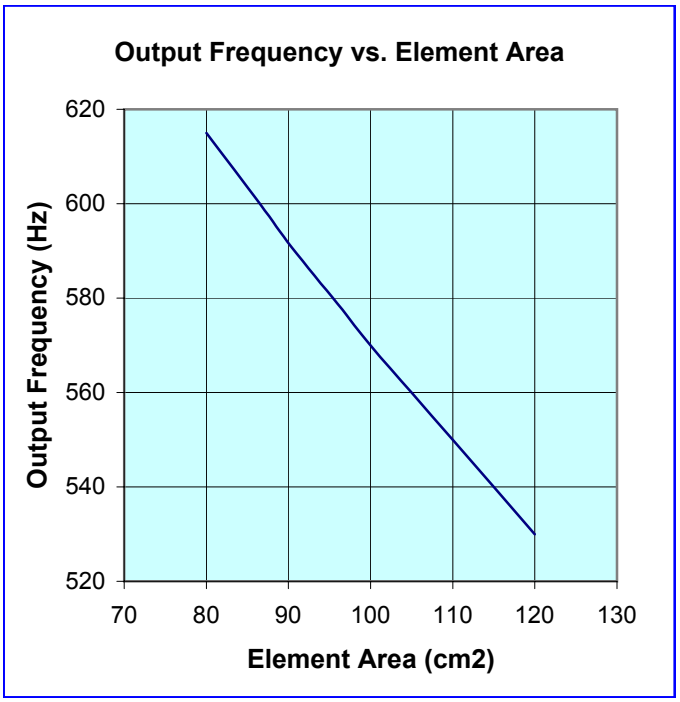


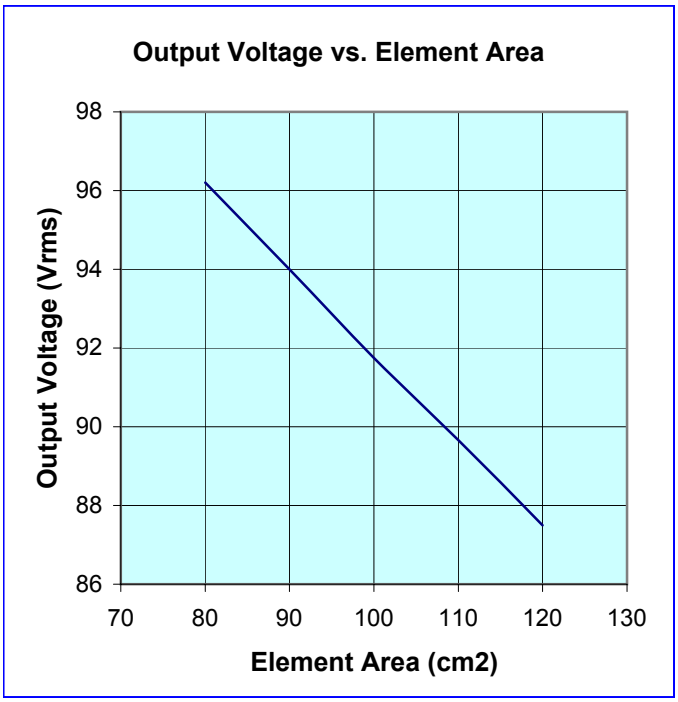
LOAD CHARACTERISTICS DATA

INVERTER: NDL-212



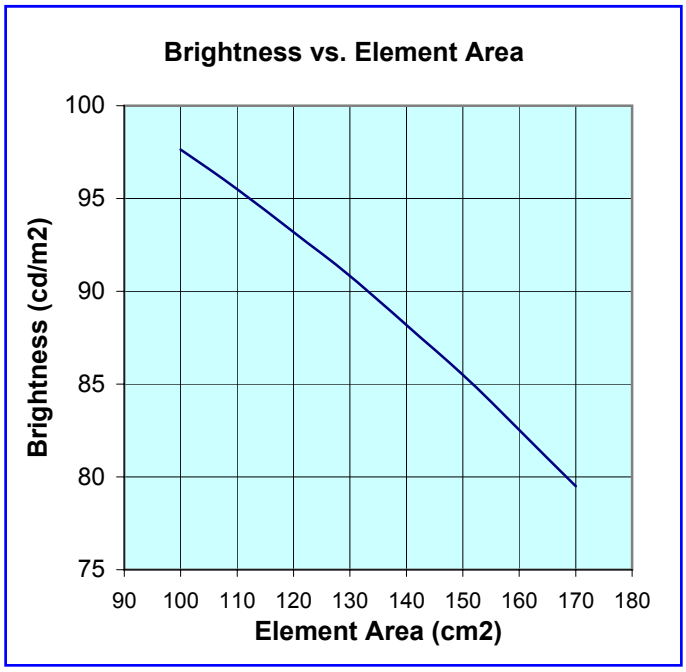


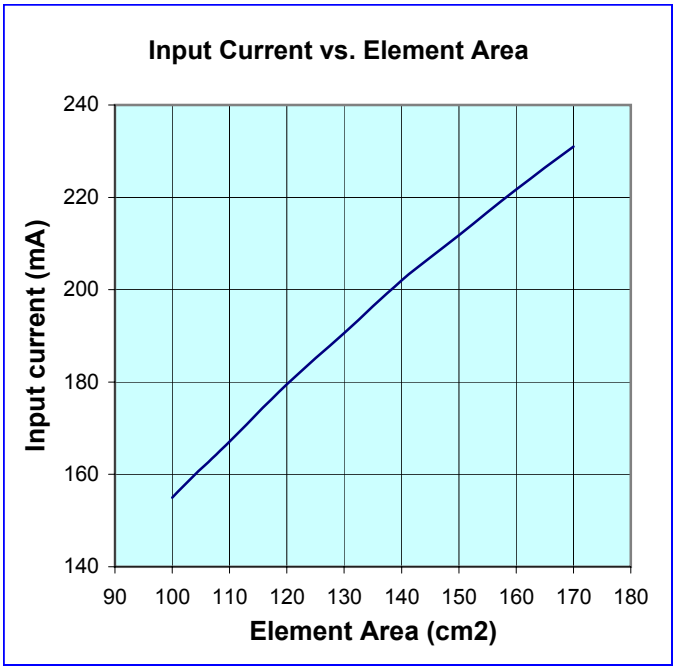


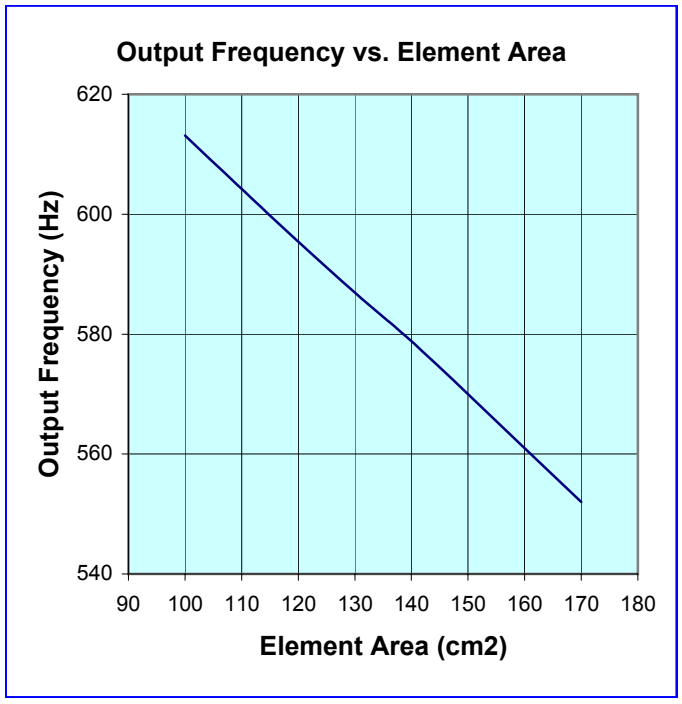


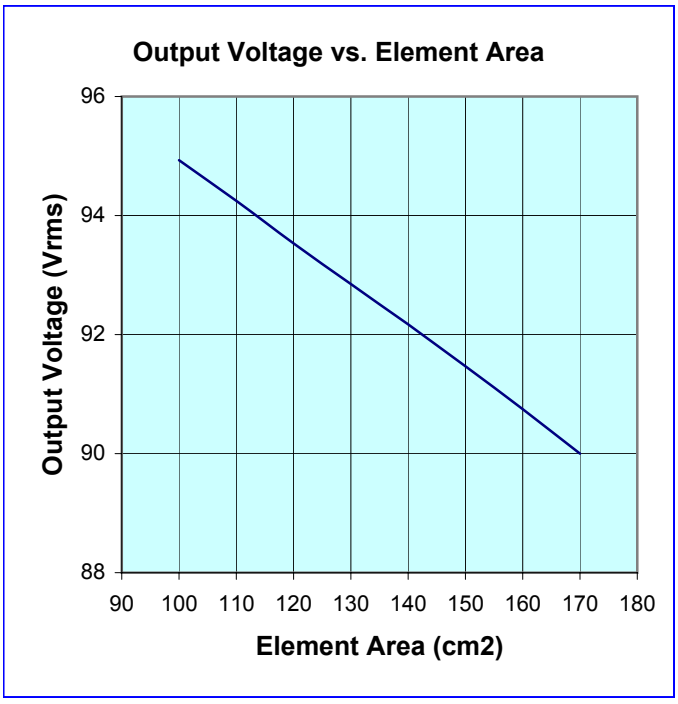
LOAD CHARACTERISTICS DATA

INVERTER: NDL-217



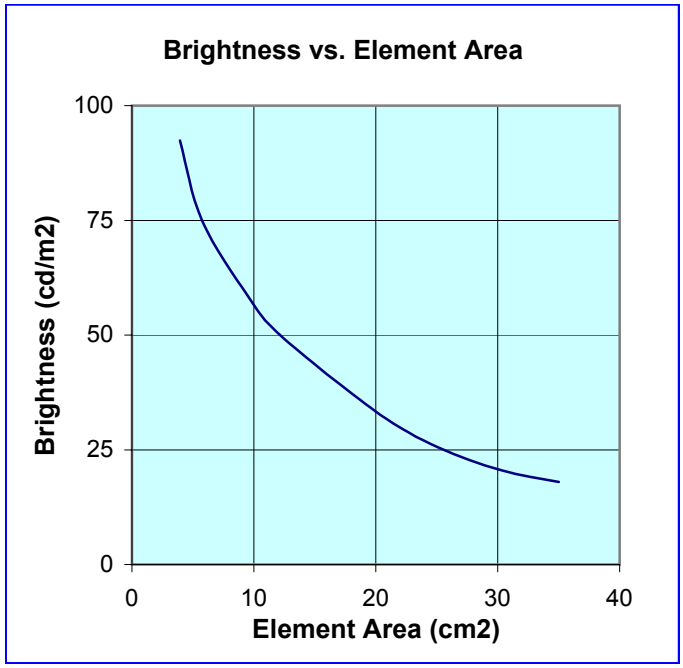


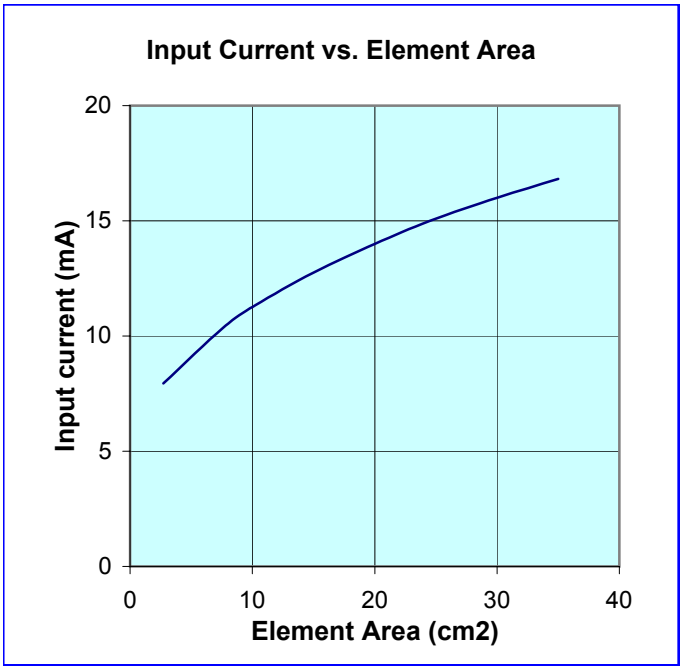


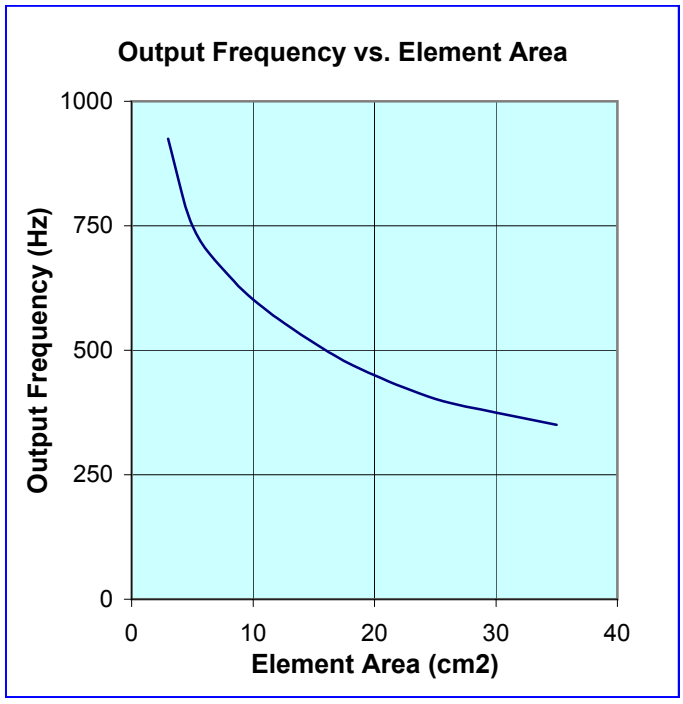


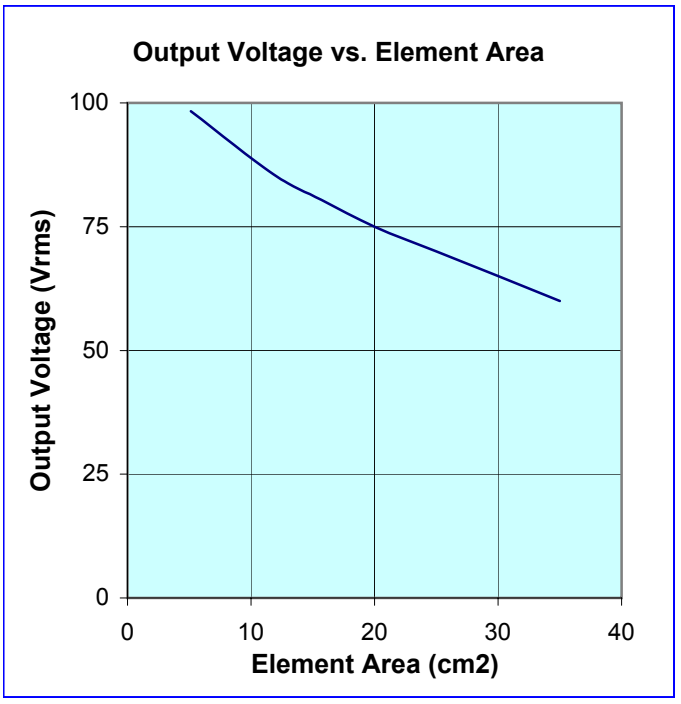
LOAD CHARACTERISTICS DATA

INVERTER: NDL-201



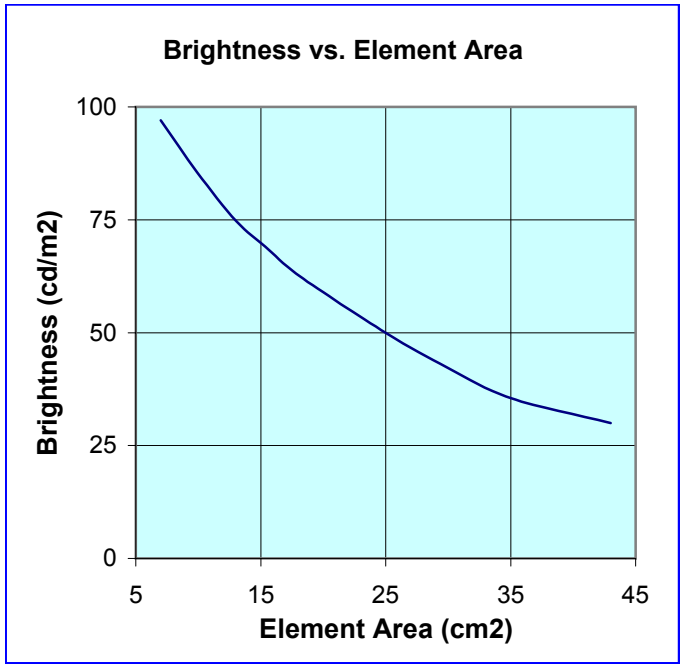


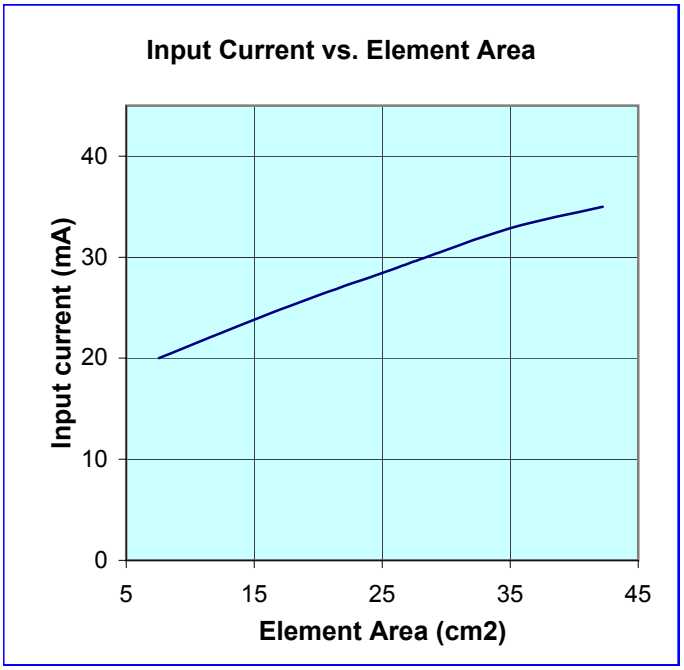


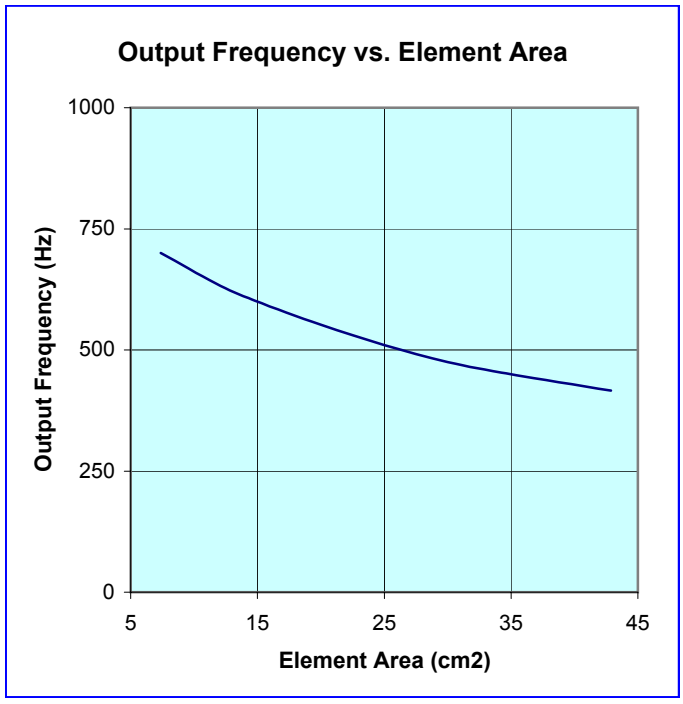


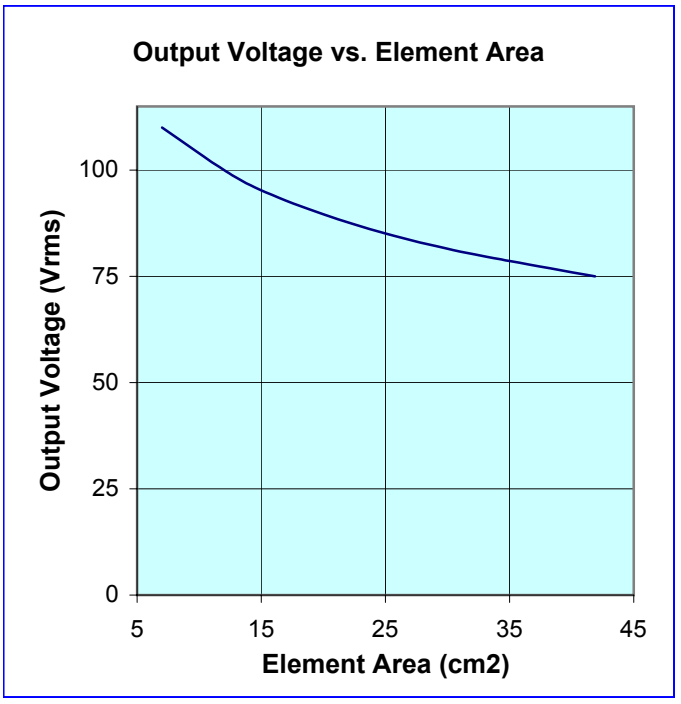
LOAD CHARACTERISTICS DATA

INVERTER: NDL-202



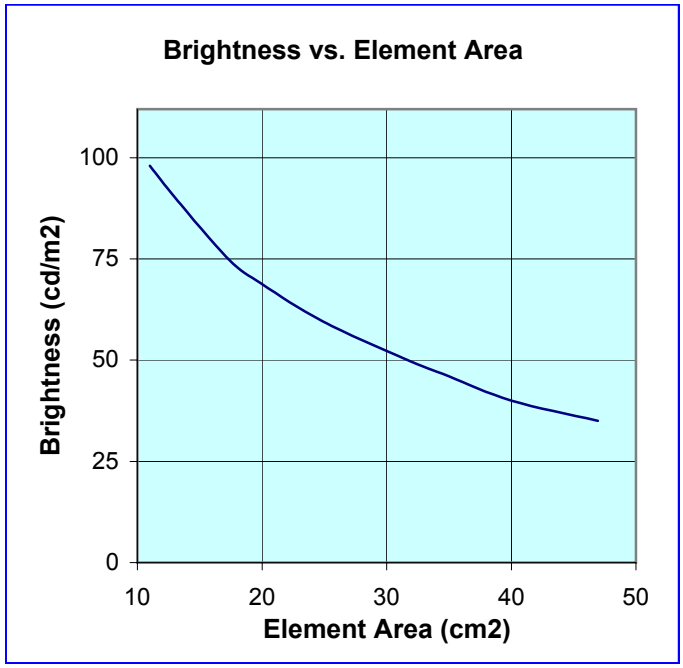


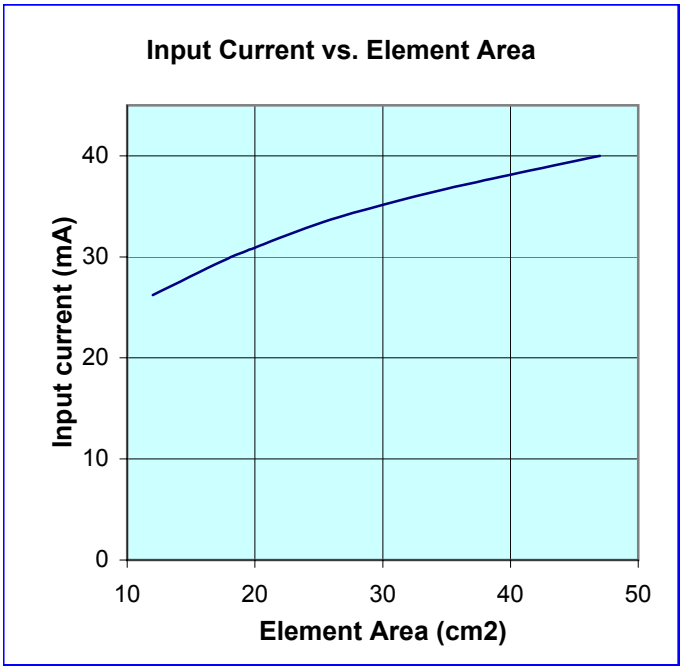


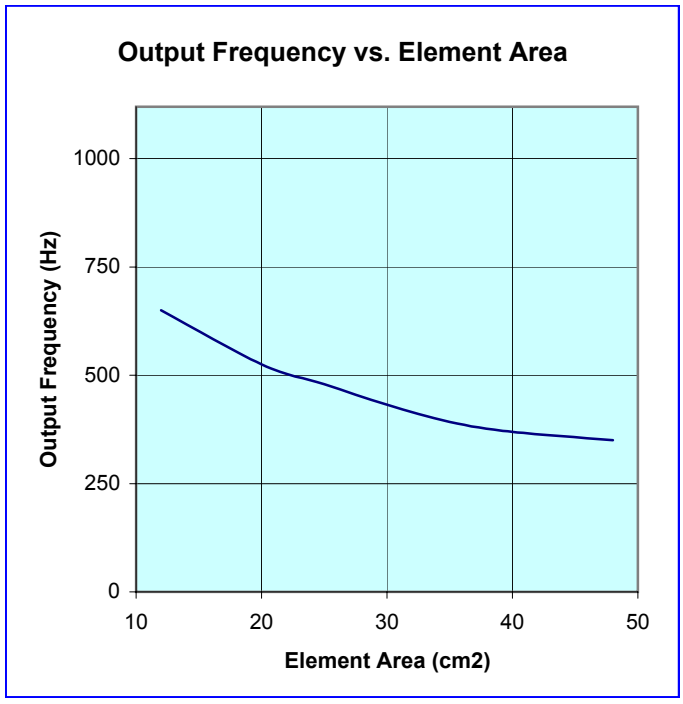


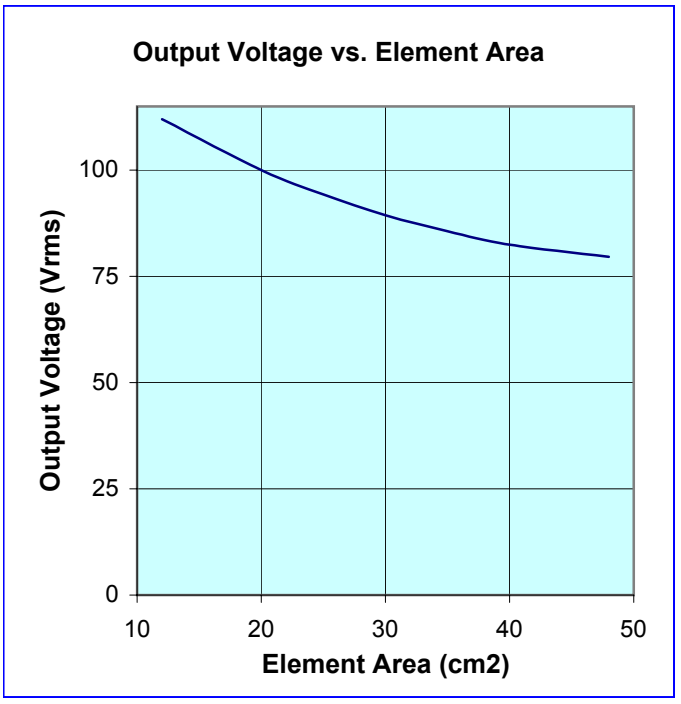
LOAD CHARACTERISTICS DATA

INVERTER: NDL-203



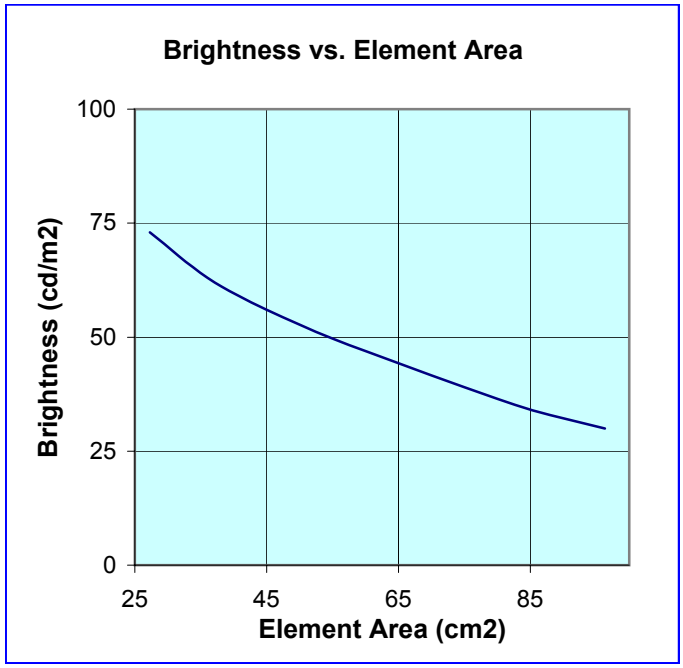


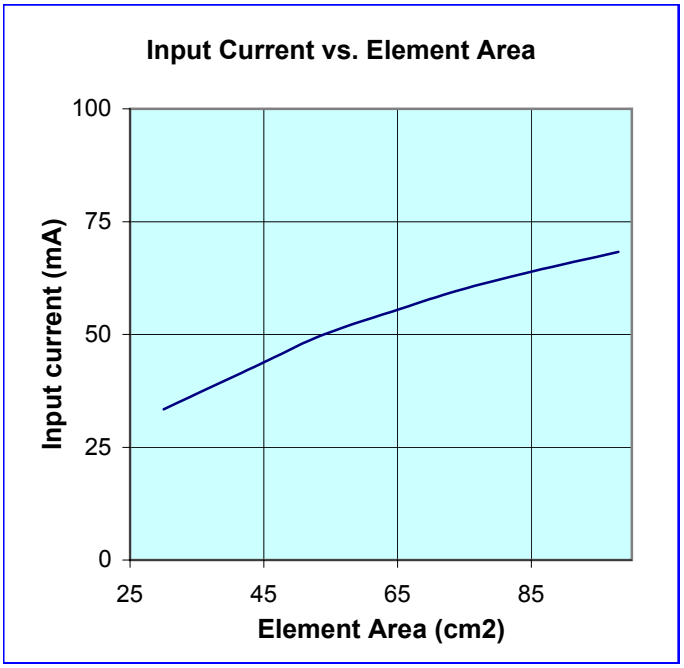


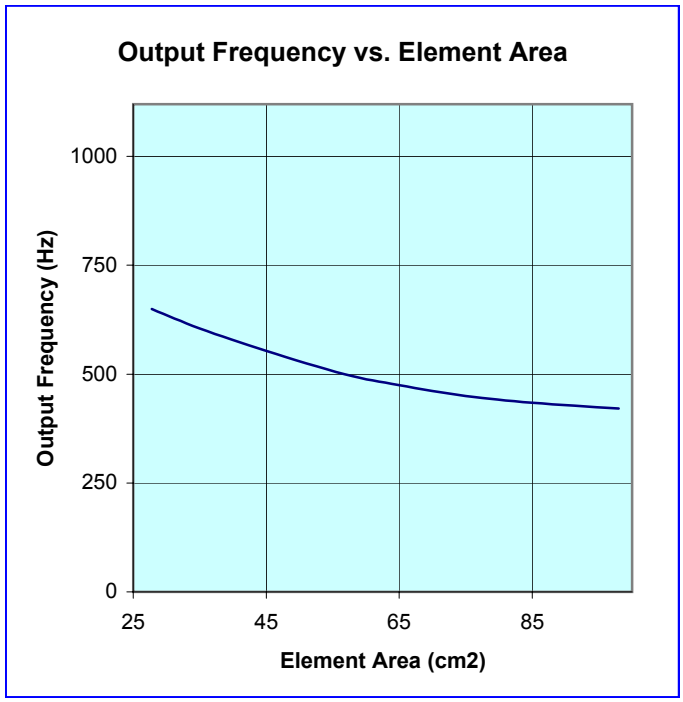


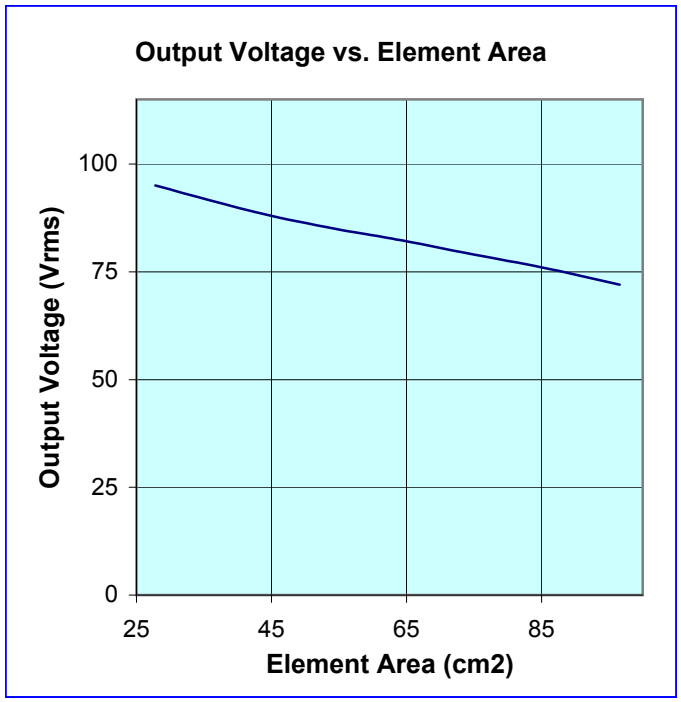
LOAD CHARACTERISTICS DATA

INVERTER: NDL-204









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INVERTER: NDL-205