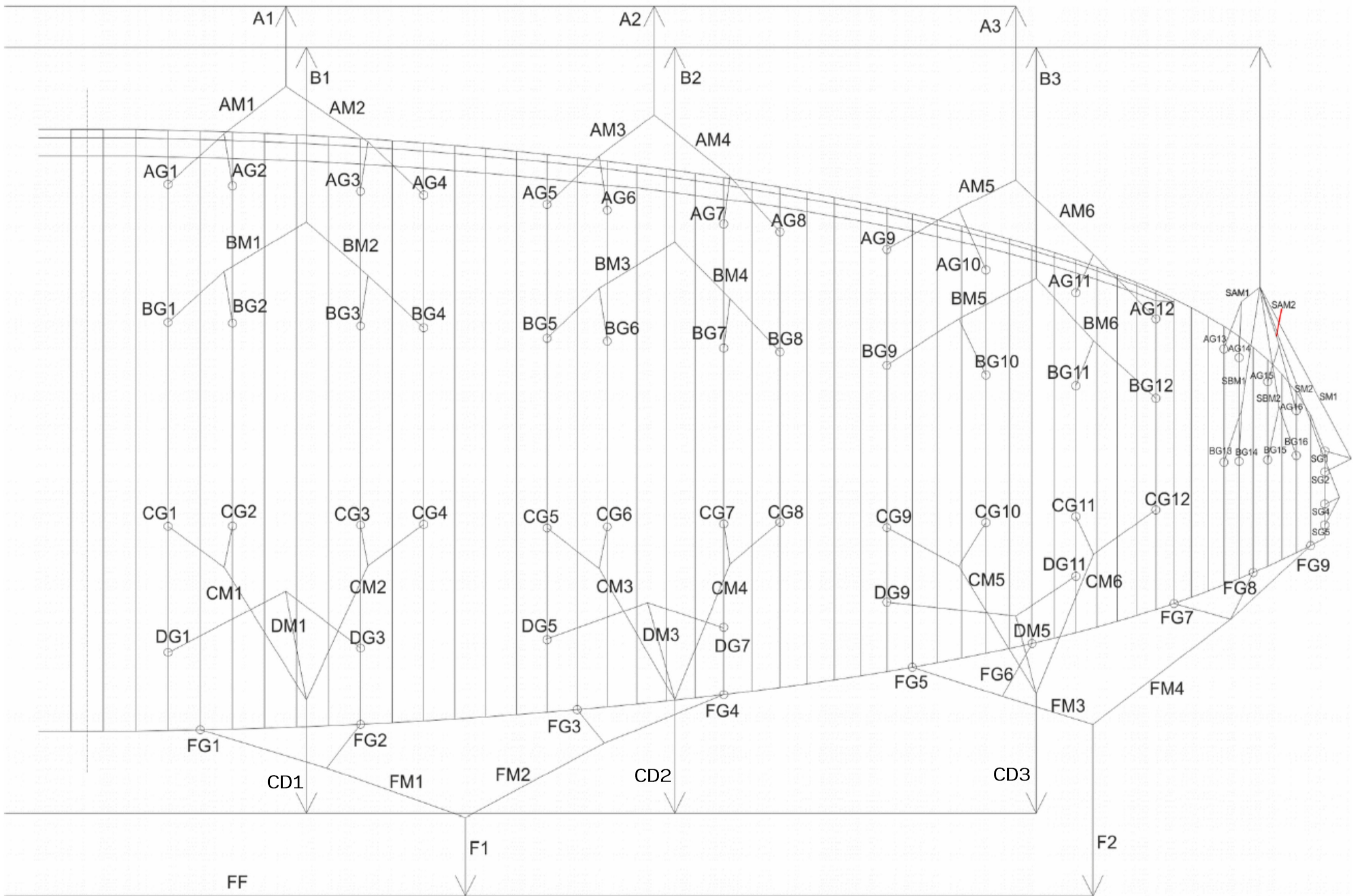




Table of contents

Line plan for PHANTOM
Line lengths for PHANTOM - XS
Line lengths for PHANTOM - S
Line lengths for PHANTOM - M
Line lengths for PHANTOM - L



PHANTOM - XS

See also: docs.nova.eu for a searchable online database

Position	Material	Length (cm)
A1	PPSL191-RED	433.7
A2	PPSL191-RED	438.7
A3	PPSL191-RED	413.6
AM1	ED8kU-90DD-RED	168
AM2	ED8kU-90DD-RED	162.7
AM3	ED8kU-90DD-RED	151.5
AM4	ED8kU-90DD-RED	148.9
AM5	ED8kU-90DD-RED	136.1
AM6	ED8kU-90DD-RED	133.9
AG01	ED8kU-50DD-RED	45
AG02	ED8kU-50DD-RED	40
AG03	ED8kU-50DD-RED	40.8
AG04	ED8kU-50DD-RED	42.8
AG05	ED8kU-50DD-RED	42.3
AG06	ED8kU-50DD-RED	37.2
AG07	ED8kU-50DD-RED	36.1
AG08	ED8kU-50DD-RED	38.3
AG09	ED8kU-50DD-RED	70.8
AG10	ED8kU-50DD-RED	63.6
AG11	ED8kU-50DD-RED	58.8
AG12	ED8kU-50DD-RED	56.3
AG13	PPSLS_65GN	20.7
AG14	PPSLS_65GN	16.7
AG15	PPSLS_65GN	27.8
AG16	PPSLS_65GN	20.5
B1	PPSL191-YW	424.5
B2	PPSL191-YW	430.5
B3	PPSL191-YW	407.9
BM1	ED8kU-90DD-RED	167.9
BM2	ED8kU-90DD-RED	162.8
BM3	ED8kU-90DD-RED	151.1
BM4	ED8kU-90DD-RED	149.3
BM5	ED8kU-90DD-RED	135.3
BM6	ED8kU-90DD-RED	134.5
BG01	ED8kU-50DD-RED	44.9
BG02	ED8kU-50DD-RED	40
BG03	ED8kU-50DD-RED	40.7
BG04	ED8kU-50DD-RED	42.8
BG05	ED8kU-50DD-RED	42.1

BG06	ED8kU-50DD-RED	37.3
BG07	ED8kU-50DD-RED	35.9
BG08	ED8kU-50DD-RED	38.4
BG09	ED8kU-50DD-RED	70.2
BG10	ED8kU-50DD-RED	64
BG11	ED8kU-50DD-RED	58.5
BG12	ED8kU-50DD-RED	56.1
BG13	PPSLS_65GN	23.4
BG14	PPSLS_65GN	20.1
BG15	PPSLS_65GN	28.3
BG16	PPSLS_65GN	22
CM1	ED8kU-70DD	313.2
CM2	ED8kU-70DD	307.3
CM3	ED8kU-70DD	296.5
CM4	ED8kU-70DD	293.8
CM5	ED8kU-70DD	135.9
CM6	ED8kU-70DD	133.4
CG01	ED8kU-50DD-RED	44
CG02	ED8kU-50DD-RED	41.2
CG03	ED8kU-50DD-RED	42
CG04	ED8kU-50DD-RED	41.5
CG05	ED8kU-50DD-RED	41.3
CG06	ED8kU-50DD-RED	38.4
CG07	ED8kU-50DD-RED	37.1
CG08	ED8kU-50DD-RED	37.2
CG09	ED8kU-50DD-RED	70.5
CG10	ED8kU-50DD-RED	63.7
CG11	ED8kU-50DD-RED	58.8
CG12	ED8kU-50DD-RED	55.5
CD1	TSL140BE	282.8
CD2	TSL140BE	288.4
CD3	TSL140BE	410
DM1	ED8kU-70DD	292.5
DM3	ED8kU-70DD	282
DM5	ED8kU-70DD	120
DG01	ED8kU-50DD-RED	89
DG03	ED8kU-50DD-RED	81.2
DG05	ED8kU-50DD-RED	77.6
DG07	ED8kU-50DD-RED	70.1
DG09	ED8kU-50DD-RED	99
DG11	ED8kU-50DD-RED	82.6
F1	Cousin85Org	186.3
F2	Cousin85Org	223.5

FM1	PPSLS_65ORG	215.2
FM2	PPSLS_65ORG	194.7
FM3	PPSLS_65ORG	151
FM4	PPSLS_65ORG	143.1
FG01	PPSLS_65ORG	121.4
FG02	PPSLS_65ORG	95.2
FG03	PPSLS_65ORG	91.8
FG04	PPSLS_65ORG	82.9
FG05	PPSLS_65ORG	74.5
FG06	PPSLS_65ORG	63.9
FG07	PPSLS_65ORG	57.1
FG08	PPSLS_65ORG	49.6
FG09	PPSLS_65ORG	55.6
FF	ED7830-240-ORG	189.5
S1	DSL70GN	469.7
SM1	PPSLS_65GN	71.5
SM2	PPSLS_65GN	80.9
SG01	PPSLS_65GN	18.1
SG02	PPSLS_65GN	19.7
SG03	PPSLS_65GN	17.8
SG04	PPSLS_65GN	22.6
SAM1	PPSLS_65GN	92.4
SAM2	PPSLS_65GN	72.5
SBM1	PPSLS_65GN	89.3
SBM2	PPSLS_65GN	73.1

PHANTOM - S

See also: docs.nova.eu for a searchable online database

Position	Material	Length (cm)
A1	PPSL191-RED	454.7
A2	PPSL191-RED	460.5
A3	PPSL191-RED	434.8
AM1	ED8kU-90DD-RED	176
AM2	ED8kU-90DD-RED	170.7
AM3	ED8kU-90DD-RED	158.7
AM4	ED8kU-90DD-RED	156.2
AM5	ED8kU-90DD-RED	142.5
AM6	ED8kU-90DD-RED	140.6
AG01	ED8kU-50DD-RED	47.1
AG02	ED8kU-50DD-RED	42
AG03	ED8kU-50DD-RED	42.7
AG04	ED8kU-50DD-RED	44.9
AG05	ED8kU-50DD-RED	44.3
AG06	ED8kU-50DD-RED	39
AG07	ED8kU-50DD-RED	37.8
AG08	ED8kU-50DD-RED	40.2
AG09	ED8kU-50DD-RED	74.2
AG10	ED8kU-50DD-RED	66.8
AG11	ED8kU-50DD-RED	61.6
AG12	ED8kU-50DD-RED	59
AG13	PPSLS_65GN	21.7
AG14	PPSLS_65GN	17.5
AG15	PPSLS_65GN	29.1
AG16	PPSLS_65GN	21.5
B1	PPSL191-YW	445.4
B2	PPSL191-YW	452.3
B3	PPSL191-YW	429.1
BM1	ED8kU-90DD-RED	175.8
BM2	ED8kU-90DD-RED	170.8
BM3	ED8kU-90DD-RED	158.2
BM4	ED8kU-90DD-RED	156.7
BM5	ED8kU-90DD-RED	141.7
BM6	ED8kU-90DD-RED	141.1
BG01	ED8kU-50DD-RED	47
BG02	ED8kU-50DD-RED	42
BG03	ED8kU-50DD-RED	42.7
BG04	ED8kU-50DD-RED	44.9
BG05	ED8kU-50DD-RED	44.1

BG06	ED8kU-50DD-RED	39.2
BG07	ED8kU-50DD-RED	37.6
BG08	ED8kU-50DD-RED	40.3
BG09	ED8kU-50DD-RED	73.6
BG10	ED8kU-50DD-RED	67.2
BG11	ED8kU-50DD-RED	61.2
BG12	ED8kU-50DD-RED	58.8
BG13	PPSLS_65GN	24.4
BG14	PPSLS_65GN	20.9
BG15	PPSLS_65GN	29.6
BG16	PPSLS_65GN	23
CM1	ED8kU-70DD	289.5
CM2	ED8kU-70DD	283.8
CM3	ED8kU-70DD	272.1
CM4	ED8kU-70DD	269.6
CM5	ED8kU-70DD	142.4
CM6	ED8kU-70DD	140
CG01	ED8kU-50DD-RED	46.3
CG02	ED8kU-50DD-RED	43
CG03	ED8kU-50DD-RED	43.8
CG04	ED8kU-50DD-RED	43.8
CG05	ED8kU-50DD-RED	43.4
CG06	ED8kU-50DD-RED	40.1
CG07	ED8kU-50DD-RED	38.7
CG08	ED8kU-50DD-RED	39.2
CG09	ED8kU-50DD-RED	73.9
CG10	ED8kU-50DD-RED	66.8
CG11	ED8kU-50DD-RED	61.5
CG12	ED8kU-50DD-RED	58.3
CD1	TSL140BE	334.5
CD2	TSL140BE	341
CD3	TSL140BE	430.7
DM1	ED8kU-70DD	252.5
DM3	ED8kU-70DD	232
DM5	ED8kU-70DD	120
DG01	ED8kU-50DD-RED	107.7
DG03	ED8kU-50DD-RED	99.2
DG05	ED8kU-50DD-RED	104.2
DG07	ED8kU-50DD-RED	95.8
DG09	ED8kU-50DD-RED	108.9
DG11	ED8kU-50DD-RED	91.7
F1	Cousin85Org	195.5
F2	Cousin85Org	235.3

FM1	PPSLS_65ORG	225.3
FM2	PPSLS_65ORG	204.3
FM3	PPSLS_65ORG	158.2
FM4	PPSLS_65ORG	150.2
FG01	PPSLS_65ORG	126.2
FG02	PPSLS_65ORG	99.2
FG03	PPSLS_65ORG	95.8
FG04	PPSLS_65ORG	87
FG05	PPSLS_65ORG	78.1
FG06	PPSLS_65ORG	67.1
FG07	PPSLS_65ORG	59.8
FG08	PPSLS_65ORG	52.1
FG09	PPSLS_65ORG	58.1
FF	ED7830-240-ORG	200
S1	DSL70GN	493.9
SM1	PPSLS_65GN	75.1
SM2	PPSLS_65GN	84.7
SG01	PPSLS_65GN	18.9
SG02	PPSLS_65GN	20.7
SG03	PPSLS_65GN	18.7
SG04	PPSLS_65GN	23.6
SAM1	PPSLS_65GN	96.8
SAM2	PPSLS_65GN	76.1
SBM1	PPSLS_65GN	93.5
SBM2	PPSLS_65GN	76.6

PHANTOM - M

See also: docs.nova.eu for a searchable online database

Position	Material	Length (cm)
A1	PPSL191-RED	474.8
A2	PPSL191-RED	481.4
A3	PPSL191-RED	455.1
AM1	ED8kU-90DD-RED	183.6
AM2	ED8kU-90DD-RED	178.3
AM3	ED8kU-90DD-RED	165.6
AM4	ED8kU-90DD-RED	163.2
AM5	ED8kU-90DD-RED	148.7
AM6	ED8kU-90DD-RED	146.9
AG01	ED8kU-50DD-RED	49.1
AG02	ED8kU-50DD-RED	43.9
AG03	ED8kU-50DD-RED	44.6
AG04	ED8kU-50DD-RED	46.9
AG05	ED8kU-50DD-RED	46.2
AG06	ED8kU-50DD-RED	40.8
AG07	ED8kU-50DD-RED	39.4
AG08	ED8kU-50DD-RED	42
AG09	ED8kU-50DD-RED	77.4
AG10	ED8kU-50DD-RED	69.8
AG11	ED8kU-50DD-RED	64.2
AG12	ED8kU-50DD-RED	61.7
AG13	PPSLS_65GN	22.7
AG14	PPSLS_65GN	18.2
AG15	PPSLS_65GN	30.3
AG16	PPSLS_65GN	22.5
B1	PPSL191-YW	464.7
B2	PPSL191-YW	472.5
B3	PPSL191-YW	448.8
BM1	ED8kU-90DD-RED	183.4
BM2	ED8kU-90DD-RED	178.4
BM3	ED8kU-90DD-RED	165
BM4	ED8kU-90DD-RED	163.7
BM5	ED8kU-90DD-RED	147.9
BM6	ED8kU-90DD-RED	147.5
BG01	ED8kU-50DD-RED	49
BG02	ED8kU-50DD-RED	43.9
BG03	ED8kU-50DD-RED	44.5
BG04	ED8kU-50DD-RED	46.9
BG05	ED8kU-50DD-RED	46

BG06	ED8kU-50DD-RED	40.9
BG07	ED8kU-50DD-RED	39.2
BG08	ED8kU-50DD-RED	42.1
BG09	ED8kU-50DD-RED	76.7
BG10	ED8kU-50DD-RED	70.2
BG11	ED8kU-50DD-RED	63.9
BG12	ED8kU-50DD-RED	61.5
BG13	PPSLS_65GN	25.3
BG14	PPSLS_65GN	21.7
BG15	PPSLS_65GN	30.8
BG16	PPSLS_65GN	24
CM1	ED8kU-70DD	262.4
CM2	ED8kU-70DD	256.9
CM3	ED8kU-70DD	244.2
CM4	ED8kU-70DD	242
CM5	ED8kU-70DD	148.5
CM6	ED8kU-70DD	146.3
CG01	ED8kU-50DD-RED	48.5
CG02	ED8kU-50DD-RED	44.7
CG03	ED8kU-50DD-RED	45.4
CG04	ED8kU-50DD-RED	46
CG05	ED8kU-50DD-RED	45.4
CG06	ED8kU-50DD-RED	41.6
CG07	ED8kU-50DD-RED	40.1
CG08	ED8kU-50DD-RED	41.2
CG09	ED8kU-50DD-RED	77
CG10	ED8kU-50DD-RED	69.8
CG11	ED8kU-50DD-RED	64.2
CG12	ED8kU-50DD-RED	60.9
CD1	TSL140BE	389.6
CD2	TSL140BE	396.9
CD3	TSL140BE	451.1
DM1	ED8kU-70DD	232.5
DM3	ED8kU-70DD	212
DM5	ED8kU-70DD	130
DG01	ED8kU-50DD-RED	104.9
DG03	ED8kU-50DD-RED	96.1
DG05	ED8kU-50DD-RED	100.3
DG07	ED8kU-50DD-RED	91.5
DG09	ED8kU-50DD-RED	109.3
DG11	ED8kU-50DD-RED	91.7
F1	Cousin85Org	204.3
F2	Cousin85Org	246.6

FM1	PPSLS_65ORG	234.9
FM2	PPSLS_65ORG	213.5
FM3	PPSLS_65ORG	165
FM4	PPSLS_65ORG	156.9
FG01	PPSLS_65ORG	130.8
FG02	PPSLS_65ORG	103
FG03	PPSLS_65ORG	99.5
FG04	PPSLS_65ORG	90.9
FG05	PPSLS_65ORG	81.4
FG06	PPSLS_65ORG	70.1
FG07	PPSLS_65ORG	62.4
FG08	PPSLS_65ORG	54.4
FG09	PPSLS_65ORG	60.4
FF	ED7830-240-ORG	211
S1	DSL70GN	517
SM1	PPSLS_65GN	78.5
SM2	PPSLS_65GN	88.4
SG01	PPSLS_65GN	19.8
SG02	PPSLS_65GN	21.6
SG03	PPSLS_65GN	19.5
SG04	PPSLS_65GN	24.7
SAM1	PPSLS_65GN	101.1
SAM2	PPSLS_65GN	79.4
SBM1	PPSLS_65GN	97.5
SBM2	PPSLS_65GN	79.9

PHANTOM - L

See also: docs.nova.eu for a searchable online database

Position	Material	Length (cm)
A1	PPSL191-RED	494
A2	PPSL191-RED	501.3
A3	PPSL191-RED	474.8
AM1	ED8kU-90DD-RED	190.8
AM2	ED8kU-90DD-RED	185.6
AM3	ED8kU-90DD-RED	172.1
AM4	ED8kU-90DD-RED	169.9
AM5	ED8kU-90DD-RED	154.6
AM6	ED8kU-90DD-RED	152.7
AG01	ED8kU-50DD-RED	51
AG02	ED8kU-50DD-RED	45.7
AG03	ED8kU-50DD-RED	46.3
AG04	ED8kU-50DD-RED	48.8
AG05	ED8kU-50DD-RED	48
AG06	ED8kU-50DD-RED	42.5
AG07	ED8kU-50DD-RED	40.9
AG08	ED8kU-50DD-RED	43.7
AG09	ED8kU-50DD-RED	80.4
AG10	ED8kU-50DD-RED	72.6
AG11	ED8kU-50DD-RED	67
AG12	ED8kU-50DD-RED	63.9
AG13	PPSLS_65GN	23.6
AG14	PPSLS_65GN	18.9
AG15	PPSLS_65GN	31.5
AG16	PPSLS_65GN	23.5
B1	PPSL191-YW	483.5
B2	PPSL191-YW	492.1
B3	PPSL191-YW	467.8
BM1	ED8kU-90DD-RED	190.6
BM2	ED8kU-90DD-RED	185.7
BM3	ED8kU-90DD-RED	171.5
BM4	ED8kU-90DD-RED	170.3
BM5	ED8kU-90DD-RED	153.7
BM6	ED8kU-90DD-RED	153.5
BG01	ED8kU-50DD-RED	51
BG02	ED8kU-50DD-RED	45.7
BG03	ED8kU-50DD-RED	46.2
BG04	ED8kU-50DD-RED	48.8
BG05	ED8kU-50DD-RED	47.8

BG06	ED8kU-50DD-RED	42.6
BG07	ED8kU-50DD-RED	40.8
BG08	ED8kU-50DD-RED	43.8
BG09	ED8kU-50DD-RED	79.8
BG10	ED8kU-50DD-RED	73
BG11	ED8kU-50DD-RED	66.4
BG12	ED8kU-50DD-RED	64
BG13	PPSLS_65GN	26.7
BG14	PPSLS_65GN	23
BG15	PPSLS_65GN	32.6
BG16	PPSLS_65GN	25.1
CM1	ED8kU-70DD	272.8
CM2	ED8kU-70DD	267.3
CM3	ED8kU-70DD	253.9
CM4	ED8kU-70DD	251.8
CM5	ED8kU-70DD	154.3
CM6	ED8kU-70DD	152.5
CG01	ED8kU-50DD-RED	50.4
CG02	ED8kU-50DD-RED	46.5
CG03	ED8kU-50DD-RED	47.1
CG04	ED8kU-50DD-RED	47.9
CG05	ED8kU-50DD-RED	47.2
CG06	ED8kU-50DD-RED	43.3
CG07	ED8kU-50DD-RED	41.6
CG08	ED8kU-50DD-RED	42.9
CG09	ED8kU-50DD-RED	80.1
CG10	ED8kU-50DD-RED	72.6
CG11	ED8kU-50DD-RED	66.4
CG12	ED8kU-50DD-RED	63.9
CD1	TSL140BE	406
CD2	TSL140BE	414.2
CD3	TSL140BE	468
DM1	ED8kU-70DD	232.5
DM3	ED8kU-70DD	212.2
DM5	ED8kU-70DD	130
DG01	ED8kU-50DD-RED	117.3
DG03	ED8kU-50DD-RED	108.2
DG05	ED8kU-50DD-RED	111.8
DG07	ED8kU-50DD-RED	102.8
DG09	ED8kU-50DD-RED	118.1
DG11	ED8kU-50DD-RED	100
F1	Cousin85Org	212.6
F2	Cousin85Org	257.9

FM1	PPSLS_65ORG	244.2
FM2	PPSLS_65ORG	222.2
FM3	PPSLS_65ORG	170.8
FM4	PPSLS_65ORG	165
FG01	PPSLS_65ORG	135.3
FG02	PPSLS_65ORG	106.6
FG03	PPSLS_65ORG	103.1
FG04	PPSLS_65ORG	94.6
FG05	PPSLS_65ORG	84.7
FG06	PPSLS_65ORG	72.9
FG07	PPSLS_65ORG	64.4
FG08	PPSLS_65ORG	54.3
FG09	PPSLS_65ORG	60.3
FF	ED7830-240-ORG	214
S1	DSL70GN	539
SM1	PPSLS_65GN	81.4
SM2	PPSLS_65GN	90.8
SG01	PPSLS_65GN	20.4
SG02	PPSLS_65GN	22.6
SG03	PPSLS_65GN	20.2
SG04	PPSLS_65GN	25.9
SAM1	PPSLS_65GN	104.4
SAM2	PPSLS_65GN	82.1
SBM1	PPSLS_65GN	100.6
SBM2	PPSLS_65GN	82.7