

## **Table of contents**

Line plan for SECTOR

Line lengths for SECTOR - XS

Full Line lengths for SECTOR - XS

Line lengths for SECTOR - S

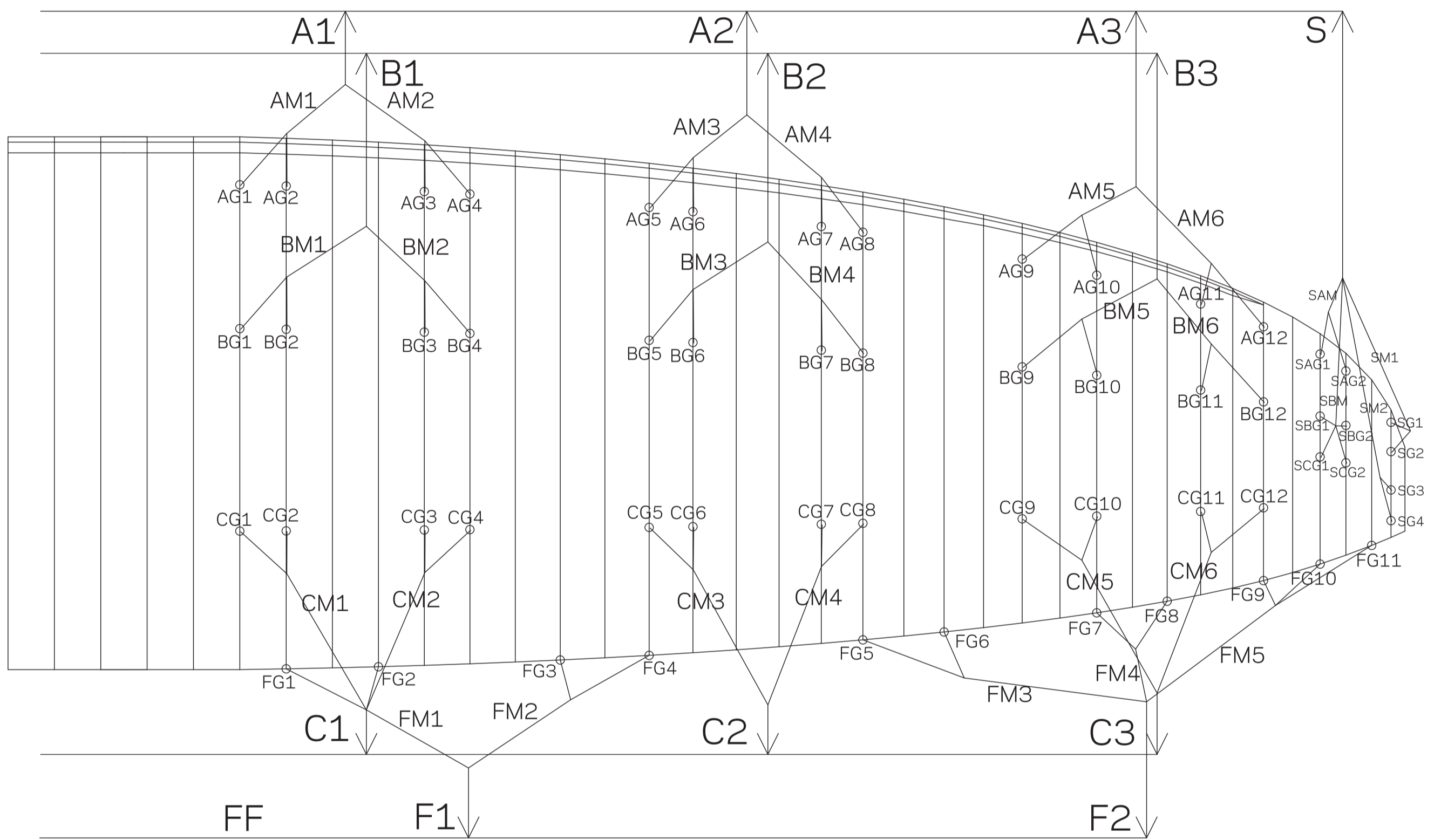
Full Line lengths for SECTOR - S

Line lengths for SECTOR - M

Full Line lengths for SECTOR - M

Line lengths for SECTOR - L

Full Line lengths for SECTOR - L



# Line lengths for **SECTOR - XS**

See also: [docs.nova.eu](https://docs.nova.eu) for a searchable online database

<b>Position</b>	<b>Material</b>	<b>Length (cm)</b>
A1	PPSL191-RED	443.8
A2	PPSL191-RED	433.5
A3	ED8kU-120D-RED	440.9
AM1	ED8kU-120DD-RED	186.7
AM2	ED8kU-120DD-RED	183.8
AM3	ED8kU-120DD-RED	188.2
AM4	ED8kU-120DD-RED	186
AM5	ED8kU-90DD-RED	138.6
AM6	ED8kU-90DD-RED	132.2
AG01	ED8kU-50DD-RED	37.1
AG02	ED8kU-50DD-RED	34.9
AG03	ED8kU-50DD-RED	35
AG04	ED8kU-50DD-RED	36.2
AG05	ED8kU-50DD-RED	35.3
AG06	ED8kU-50DD-RED	32.9
AG07	ED8kU-50DD-RED	32.1
AG08	ED8kU-50DD-RED	33
AG09	ED8kU-50DD-RED	61.4
AG10	ED8kU-50DD-RED	53.8
AG11	ED8kU-50DD-RED	49.8
AG12	ED8kU-50DD-RED	48.7
B1	PPSL191-YW	443.1
B2	PPSL191-YW	434
B3	ED8kU-90D-RED	443.1
BM1	ED8kU-90DD-RED	179.9
BM2	ED8kU-90DD-RED	177.2
BM3	ED8kU-90DD-RED	181.2
BM4	ED8kU-90DD-RED	179.5
BM5	ED8kU-70DD	133.4
BM6	ED8kU-70DD	127.6
BG01	ED8kU-50DD-RED	37.1
BG02	ED8kU-50DD-RED	34.8
BG03	ED8kU-50DD-RED	34.9
BG04	ED8kU-50DD-RED	36.3
BG05	ED8kU-50DD-RED	35.3
BG06	ED8kU-50DD-RED	32.9
BG07	ED8kU-50DD-RED	32
BG08	ED8kU-50DD-RED	33.1
BG09	ED8kU-50DD-RED	61.2

BG10	ED8kU-50DD-RED	53.8
BG11	ED8kU-50DD-RED	49.7
BG12	ED8kU-50DD-RED	48.3
C1	ED8kU-120D-RED	450.4
C2	ED8kU-120D-RED	440.1
C3	ED8kU-90D-RED	443.9
CM1	ED8kU-90DD-RED	181
CM2	ED8kU-90DD-RED	178
CM3	ED8kU-90DD-RED	182.6
CM4	ED8kU-90DD-RED	180
CM5	ED8kU-70DD	135.1
CM6	ED8kU-70DD	126.4
CG01	ED8kU-50DD-RED	37.2
CG02	ED8kU-50DD-RED	34.8
CG03	ED8kU-50DD-RED	35
CG04	ED8kU-50DD-RED	36.3
CG05	ED8kU-50DD-RED	35.4
CG06	ED8kU-50DD-RED	32.8
CG07	ED8kU-50DD-RED	32.1
CG08	ED8kU-50DD-RED	33
CG09	ED8kU-50DD-RED	61.6
CG10	ED8kU-50DD-RED	53.3
CG11	ED8kU-50DD-RED	50.1
CG12	ED8kU-50DD-RED	47.5
F1	ED8kU-90D-RED	243
F2	ED8kU-90D-RED	194.3
FM1	ED8kU-50DD-RED	204.6
FM2	ED8kU-50DD-RED	184.3
FM3	ED8kU-50DD-RED	222.4
FM4	ED8kU-50DD-RED	209.3
FM5	ED8kU-50DD-RED	169.7
FG01	ED8kU-50DD-RED	80
FG02	ED8kU-50DD-RED	62.5
FG03	ED8kU-50DD-RED	60.4
FG04	ED8kU-50DD-RED	59.1
FG05	ED8kU-50DD-RED	58.5
FG06	ED8kU-50DD-RED	50.4
FG07	ED8kU-50DD-RED	50.1
FG08	ED8kU-50DD-RED	44.5
FG09	ED8kU-50DD-RED	77.2
FG10	ED8kU-50DD-RED	70.5
FG11	ED8kU-50DD-RED	69.6
FF	PPSL160-ORG	213

S1	ED8kU-90D-RED	468.7
SM1	ED8kU-50DD-RED	90.1
SM2	ED8kU-50DD-RED	98.5
SG01	ED8kU-50DD-RED	28.6
SG02	ED8kU-50DD-RED	31.3
SG03	ED8kU-50DD-RED	28.3
SG04	ED8kU-50DD-RED	36.1
SAG1	ED8kU-50DD-RED	32.2
SAG2	ED8kU-50DD-RED	26.6
SAM	ED8kU-50DD-RED	100.4
SBG1	ED8kU-50DD-RED	46.6
SBG2	ED8kU-50DD-RED	41.4
SBM	ED8kU-50DD-RED	85
SCG1	ED8kU-50DD-RED	49.7
SCG2	ED8kU-50DD-RED	45.9

# Full Line lengths for $\Sigma$ ECTOR - XS

See also: [docs.nova.eu](https://docs.nova.eu) for a searchable online database

<b>Position</b>	<b>Length (cm)</b>
A1R`	6636
A2R`	6614
A3R`	6586
A4R`	6598
A5R`	6530
A6R`	6506
A7R`	6476
A8R`	6485
A9R`	6369
A10R`	6293
A11R`	6189
A12R`	6178
A13R`	5973
A14R`	5917
B1R`	6561
B2R`	6538
B3R`	6512
B4R`	6526
B5R`	6465
B6R`	6441
B7R`	6415
B8R`	6426
B9R`	6337
B10R`	6263
B11R`	6164
B12R`	6150
B13R`	5963
B14R`	5911
C1R`	6646
C2R`	6622
C3R`	6594
C4R`	6607
C5R`	6541
C6R`	6515
C7R`	6482
C8R`	6491
C9R`	6366
C10R`	6283
C11R`	6164

C12R`	6138
C13R`	5994
C14R`	5956
F1R`	6836
F2R`	6661
F3R`	6437
F4R`	6424
F5R`	6312
F6R`	6231
F7R`	6097
F8R`	6041
F9R`	5972
F10R`	5905
F11R`	5896
S4R`	5993
S3R`	5915
S2R`	5861
S1R`	5834
`	0

## Line lengths for $\Sigma$ ECTOR - S

See also: [docs.nova.eu](https://docs.nova.eu) for a searchable online database

<b>Position</b>	<b>Material</b>	<b>Length (cm)</b>
A1	PPSL191-RED	466.2
A2	PPSL191-RED	456.1
A3	ED8kU-120D-RED	465
AM1	ED8kU-120DD-RED	196
AM2	ED8kU-120DD-RED	193.2
AM3	ED8kU-120DD-RED	197.6
AM4	ED8kU-120DD-RED	195.5
AM5	ED8kU-90DD-RED	145.5
AM6	ED8kU-90DD-RED	139
AG01	ED8kU-50DD-RED	39
AG02	ED8kU-50DD-RED	36.7
AG03	ED8kU-50DD-RED	36.8
AG04	ED8kU-50DD-RED	38.1
AG05	ED8kU-50DD-RED	37.1
AG06	ED8kU-50DD-RED	34.6
AG07	ED8kU-50DD-RED	33.7
AG08	ED8kU-50DD-RED	34.7
AG09	ED8kU-50DD-RED	64.5
AG10	ED8kU-50DD-RED	56.5
AG11	ED8kU-50DD-RED	52.3
AG12	ED8kU-50DD-RED	51.2
B1	PPSL191-YW	465.7
B2	PPSL191-YW	456.7
B3	ED8kU-90D-RED	466.7
BM1	ED8kU-90DD-RED	188.8
BM2	ED8kU-90DD-RED	186.3
BM3	ED8kU-90DD-RED	190.2
BM4	ED8kU-90DD-RED	188.7
BM5	ED8kU-70DD	140
BM6	ED8kU-70DD	134.2
BG01	ED8kU-50DD-RED	39
BG02	ED8kU-50DD-RED	36.6
BG03	ED8kU-50DD-RED	36.7
BG04	ED8kU-50DD-RED	38.2
BG05	ED8kU-50DD-RED	37
BG06	ED8kU-50DD-RED	34.6
BG07	ED8kU-50DD-RED	33.6
BG08	ED8kU-50DD-RED	34.8
BG09	ED8kU-50DD-RED	64.3



BG10	ED8kU-50DD-RED	56.6
BG11	ED8kU-50DD-RED	52.2
BG12	ED8kU-50DD-RED	50.8
C1	ED8kU-120D-RED	474.6
C2	ED8kU-120D-RED	464.3
C3	ED8kU-90D-RED	468.7
CM1	ED8kU-90DD-RED	190
CM2	ED8kU-90DD-RED	187.2
CM3	ED8kU-90DD-RED	191.7
CM4	ED8kU-90DD-RED	189.2
CM5	ED8kU-70DD	141.9
CM6	ED8kU-70DD	132.4
CG01	ED8kU-50DD-RED	39
CG02	ED8kU-50DD-RED	36.6
CG03	ED8kU-50DD-RED	36.7
CG04	ED8kU-50DD-RED	38.2
CG05	ED8kU-50DD-RED	37.1
CG06	ED8kU-50DD-RED	34.5
CG07	ED8kU-50DD-RED	33.7
CG08	ED8kU-50DD-RED	34.7
CG09	ED8kU-50DD-RED	64.6
CG10	ED8kU-50DD-RED	56
CG11	ED8kU-50DD-RED	52.6
CG12	ED8kU-50DD-RED	49.9
F1	ED8kU-90D-RED	255.5
F2	ED8kU-90D-RED	204.9
FM1	ED8kU-50DD-RED	214.7
FM2	ED8kU-50DD-RED	193.7
FM3	ED8kU-50DD-RED	233.5
FM4	ED8kU-50DD-RED	219.9
FM5	ED8kU-50DD-RED	178.5
FG01	ED8kU-50DD-RED	83.4
FG02	ED8kU-50DD-RED	65.3
FG03	ED8kU-50DD-RED	63.4
FG04	ED8kU-50DD-RED	62.2
FG05	ED8kU-50DD-RED	61.4
FG06	ED8kU-50DD-RED	52.9
FG07	ED8kU-50DD-RED	52.6
FG08	ED8kU-50DD-RED	46.8
FG09	ED8kU-50DD-RED	81
FG10	ED8kU-50DD-RED	74
FG11	ED8kU-50DD-RED	73.1
FF	PPSL160-ORG	217

S1	ED8kU-90D-RED	493.8
SM1	ED8kU-50DD-RED	94.7
SM2	ED8kU-50DD-RED	103.5
SG01	ED8kU-50DD-RED	30.1
SG02	ED8kU-50DD-RED	32.9
SG03	ED8kU-50DD-RED	29.8
SG04	ED8kU-50DD-RED	37.9
SAG1	ED8kU-50DD-RED	33.8
SAG2	ED8kU-50DD-RED	27.9
SAM	ED8kU-50DD-RED	105.5
SBG1	ED8kU-50DD-RED	48.9
SBG2	ED8kU-50DD-RED	43.5
SBM	ED8kU-50DD-RED	89.3
SCG1	ED8kU-50DD-RED	52.2
SCG2	ED8kU-50DD-RED	48.2

# Full Line lengths for $\text{SECTOR} - \text{S}$

See also: [docs.nova.eu](https://docs.nova.eu) for a searchable online database

<b>Position</b>	<b>Length (cm)</b>
A1R`	6972
A2R`	6949
A3R`	6922
A4R`	6935
A5R`	6868
A6R`	6843
A7R`	6813
A8R`	6823
A9R`	6710
A10R`	6630
A11R`	6523
A12R`	6512
A13R`	6291
A14R`	6232
B1R`	6895
B2R`	6871
B3R`	6847
B4R`	6862
B5R`	6799
B6R`	6775
B7R`	6750
B8R`	6762
B9R`	6670
B10R`	6593
B11R`	6491
B12R`	6477
B13R`	6280
B14R`	6226
C1R`	6996
C2R`	6972
C3R`	6945
C4R`	6960
C5R`	6891
C6R`	6865
C7R`	6832
C8R`	6842
C9R`	6712
C10R`	6626
C11R`	6497

C12R`	6470
C13R`	6313
C14R`	6273
F1R`	7136
F2R`	6955
F3R`	6726
F4R`	6714
F5R`	6598
F6R`	6513
F7R`	6374
F8R`	6316
F9R`	6244
F10R`	6174
F11R`	6165
S4R`	6312
S3R`	6231
S2R`	6174
S1R`	6146
`	0

## Line lengths for **SECTOR - M**

See also: [docs.nova.eu](https://docs.nova.eu) for a searchable online database

<b>Position</b>	<b>Material</b>	<b>Length (cm)</b>
A1	PPSL191-RED	487.7
A2	PPSL191-RED	477.7
A3	ED8kU-120D-RED	487.4
AM1	ED8kU-120DD-RED	204.9
AM2	ED8kU-120DD-RED	202.2
AM3	ED8kU-120DD-RED	206.6
AM4	ED8kU-120DD-RED	204.6
AM5	ED8kU-90DD-RED	152.2
AM6	ED8kU-90DD-RED	145.5
AG01	ED8kU-50DD-RED	40.7
AG02	ED8kU-50DD-RED	38.4
AG03	ED8kU-50DD-RED	38.4
AG04	ED8kU-50DD-RED	39.9
AG05	ED8kU-50DD-RED	38.7
AG06	ED8kU-50DD-RED	36.2
AG07	ED8kU-50DD-RED	35.2
AG08	ED8kU-50DD-RED	36.4
AG09	ED8kU-50DD-RED	67.5
AG10	ED8kU-50DD-RED	59.2
AG11	ED8kU-50DD-RED	54.7
AG12	ED8kU-50DD-RED	53.6
B1	PPSL191-YW	487.3
B2	PPSL191-YW	478.4
B3	ED8kU-90D-RED	489.3
BM1	ED8kU-90DD-RED	197.4
BM2	ED8kU-90DD-RED	195
BM3	ED8kU-90DD-RED	198.9
BM4	ED8kU-90DD-RED	197.5
BM5	ED8kU-70DD	146.4
BM6	ED8kU-70DD	140.5
BG01	ED8kU-50DD-RED	40.8
BG02	ED8kU-50DD-RED	38.4
BG03	ED8kU-50DD-RED	38.3
BG04	ED8kU-50DD-RED	40
BG05	ED8kU-50DD-RED	38.7
BG06	ED8kU-50DD-RED	36.2
BG07	ED8kU-50DD-RED	35.1
BG08	ED8kU-50DD-RED	36.4
BG09	ED8kU-50DD-RED	67.2

BG10	ED8kU-50DD-RED	59.2
BG11	ED8kU-50DD-RED	54.5
BG12	ED8kU-50DD-RED	53.2
C1	ED8kU-120D-RED	495.7
C2	ED8kU-120D-RED	485.6
C3	ED8kU-90D-RED	491.1
CM1	ED8kU-90DD-RED	198.7
CM2	ED8kU-90DD-RED	195.9
CM3	ED8kU-90DD-RED	200.4
CM4	ED8kU-90DD-RED	198.1
CM5	ED8kU-70DD	148.3
CM6	ED8kU-70DD	139.8
CG01	ED8kU-50DD-RED	40.8
CG02	ED8kU-50DD-RED	38.3
CG03	ED8kU-50DD-RED	38.4
CG04	ED8kU-50DD-RED	39.9
CG05	ED8kU-50DD-RED	38.8
CG06	ED8kU-50DD-RED	36.1
CG07	ED8kU-50DD-RED	35.2
CG08	ED8kU-50DD-RED	36.3
CG09	ED8kU-50DD-RED	67.6
CG10	ED8kU-50DD-RED	58.7
CG11	ED8kU-50DD-RED	55
CG12	ED8kU-50DD-RED	52.3
F1	ED8kU-90D-RED	267.4
F2	ED8kU-90D-RED	215.1
FM1	ED8kU-50DD-RED	224.5
FM2	ED8kU-50DD-RED	202.8
FM3	ED8kU-50DD-RED	244.2
FM4	ED8kU-50DD-RED	230
FM5	ED8kU-50DD-RED	186.9
FG01	ED8kU-50DD-RED	86.7
FG02	ED8kU-50DD-RED	68.1
FG03	ED8kU-50DD-RED	66.3
FG04	ED8kU-50DD-RED	65.1
FG05	ED8kU-50DD-RED	64.2
FG06	ED8kU-50DD-RED	55.4
FG07	ED8kU-50DD-RED	55
FG08	ED8kU-50DD-RED	49
FG09	ED8kU-50DD-RED	84.7
FG10	ED8kU-50DD-RED	76.3
FG11	ED8kU-50DD-RED	74.4
FF	PPSL160-ORG	229

S1	ED8kU-90D-RED	517.8
SM1	ED8kU-50DD-RED	99.1
SM2	ED8kU-50DD-RED	108.3
SG01	ED8kU-50DD-RED	31.5
SG02	ED8kU-50DD-RED	34.4
SG03	ED8kU-50DD-RED	31.1
SG04	ED8kU-50DD-RED	39.7
SAG1	ED8kU-50DD-RED	35.3
SAG2	ED8kU-50DD-RED	29.2
SAM	ED8kU-50DD-RED	110.3
SBG1	ED8kU-50DD-RED	51.2
SBG2	ED8kU-50DD-RED	45.5
SBM	ED8kU-50DD-RED	93.4
SCG1	ED8kU-50DD-RED	54.6
SCG2	ED8kU-50DD-RED	50.4

# Full Line lengths for $\Sigma$ ECTOR - M

See also: [docs.nova.eu](https://docs.nova.eu) for a searchable online database

<b>Position</b>	<b>Length (cm)</b>
A1R`	7293
A2R`	7270
A3R`	7243
A4R`	7258
A5R`	7190
A6R`	7165
A7R`	7135
A8R`	7147
A9R`	7031
A10R`	6948
A11R`	6836
A12R`	6825
A13R`	6594
A14R`	6533
B1R`	7215
B2R`	7191
B3R`	7166
B4R`	7183
B5R`	7120
B6R`	7095
B7R`	7070
B8R`	7083
B9R`	6989
B10R`	6909
B11R`	6803
B12R`	6790
B13R`	6584
B14R`	6527
C1R`	7312
C2R`	7287
C3R`	7260
C4R`	7275
C5R`	7208
C6R`	7181
C7R`	7149
C8R`	7160
C9R`	7030
C10R`	6941
C11R`	6819



C12R`	6792
C13R`	6618
C14R`	6576
F1R`	7506
F2R`	7320
F3R`	7085
F4R`	7073
F5R`	6955
F6R`	6867
F7R`	6721
F8R`	6661
F9R`	6587
F10R`	6503
F11R`	6484
S4R`	6618
S3R`	6532
S2R`	6473
S1R`	6444
`	0

## Line lengths for $\Sigma$ ECTOR - L

See also: [docs.nova.eu](https://docs.nova.eu) for a searchable online database

<b>Position</b>	<b>Material</b>	<b>Length (cm)</b>
A1	PPSL160-RED	508.3
A2	PPSL160-RED	498.1
A3	ED8kU-120D-RED	508.2
AM1	ED8kU-120DD-RED	213.4
AM2	ED8kU-120DD-RED	210.8
AM3	ED8kU-120DD-RED	215.2
AM4	ED8kU-120DD-RED	213.3
AM5	ED8kU-90DD-RED	158.5
AM6	ED8kU-90DD-RED	151.7
AG01	ED8kU-50DD-RED	42.4
AG02	ED8kU-50DD-RED	40
AG03	ED8kU-50DD-RED	40
AG04	ED8kU-50DD-RED	41.6
AG05	ED8kU-50DD-RED	40.4
AG06	ED8kU-50DD-RED	37.8
AG07	ED8kU-50DD-RED	36.7
AG08	ED8kU-50DD-RED	37.9
AG09	ED8kU-50DD-RED	70.3
AG10	ED8kU-50DD-RED	61.7
AG11	ED8kU-50DD-RED	57
AG12	ED8kU-50DD-RED	55.8
B1	PPSL160-YEL	508.1
B2	PPSL160-YEL	499.3
B3	ED8kU-90D-RED	511
BM1	ED8kU-90DD-RED	205.6
BM2	ED8kU-90DD-RED	203.3
BM3	ED8kU-90DD-RED	207.2
BM4	ED8kU-90DD-RED	205.9
BM5	ED8kU-70DD	152.5
BM6	ED8kU-70DD	146.5
BG01	ED8kU-50DD-RED	42.5
BG02	ED8kU-50DD-RED	40
BG03	ED8kU-50DD-RED	39.9
BG04	ED8kU-50DD-RED	41.7
BG05	ED8kU-50DD-RED	40.3
BG06	ED8kU-50DD-RED	37.8
BG07	ED8kU-50DD-RED	36.5
BG08	ED8kU-50DD-RED	38
BG09	ED8kU-50DD-RED	70

BG10	ED8kU-50DD-RED	61.7
BG11	ED8kU-50DD-RED	56.8
BG12	ED8kU-50DD-RED	55.4
C1	ED8kU-120D-RED	517.1
C2	ED8kU-120D-RED	506.8
C3	ED8kU-90D-RED	513.4
CM1	ED8kU-90DD-RED	206.9
CM2	ED8kU-90DD-RED	204.3
CM3	ED8kU-90DD-RED	208.8
CM4	ED8kU-90DD-RED	206.5
CM5	ED8kU-70DD	154.5
CM6	ED8kU-70DD	145.7
CG01	ED8kU-50DD-RED	42.5
CG02	ED8kU-50DD-RED	40
CG03	ED8kU-50DD-RED	40
CG04	ED8kU-50DD-RED	41.6
CG05	ED8kU-50DD-RED	40.4
CG06	ED8kU-50DD-RED	37.7
CG07	ED8kU-50DD-RED	36.7
CG08	ED8kU-50DD-RED	37.9
CG09	ED8kU-50DD-RED	70.4
CG10	ED8kU-50DD-RED	61.2
CG11	ED8kU-50DD-RED	57.3
CG12	ED8kU-50DD-RED	54.5
F1	ED8kU-90D-RED	278.8
F2	ED8kU-90D-RED	224.9
FM1	ED8kU-50DD-RED	233.8
FM2	ED8kU-50DD-RED	211.4
FM3	ED8kU-50DD-RED	254.4
FM4	ED8kU-50DD-RED	239.8
FM5	ED8kU-50DD-RED	195
FG01	ED8kU-50DD-RED	89.8
FG02	ED8kU-50DD-RED	70.7
FG03	ED8kU-50DD-RED	69.1
FG04	ED8kU-50DD-RED	67.8
FG05	ED8kU-50DD-RED	66.9
FG06	ED8kU-50DD-RED	57.8
FG07	ED8kU-50DD-RED	57.3
FG08	ED8kU-50DD-RED	51.1
FG09	ED8kU-50DD-RED	88.3
FG10	ED8kU-50DD-RED	80.5
FG11	ED8kU-50DD-RED	79.6
FF	PPSL160-ORG	236

S1	ED8kU-90D-RED	540.8
SM1	ED8kU-50DD-RED	103.3
SM2	ED8kU-50DD-RED	112.9
SG01	ED8kU-50DD-RED	32.8
SG02	ED8kU-50DD-RED	35.8
SG03	ED8kU-50DD-RED	32.5
SG04	ED8kU-50DD-RED	41.4
SAG1	ED8kU-50DD-RED	36.8
SAG2	ED8kU-50DD-RED	30.5
SAM	ED8kU-50DD-RED	115
SBG1	ED8kU-50DD-RED	53.3
SBG2	ED8kU-50DD-RED	47.5
SBM	ED8kU-50DD-RED	97.4
SCG1	ED8kU-50DD-RED	56.9
SCG2	ED8kU-50DD-RED	52.6

# Full Line lengths for SECTOR - L

See also: [docs.nova.eu](https://docs.nova.eu) for a searchable online database

Position	Length (cm)
A1R`	7601
A2R`	7577
A3R`	7551
A4R`	7567
A5R`	7497
A6R`	7471
A7R`	7441
A8R`	7453
A9R`	7330
A10R`	7244
A11R`	7129
A12R`	7117
A13R`	6886
A14R`	6823
B1R`	7522
B2R`	7497
B3R`	7473
B4R`	7491
B5R`	7428
B6R`	7403
B7R`	7377
B8R`	7392
B9R`	7295
B10R`	7212
B11R`	7103
B12R`	7089
B13R`	6875
B14R`	6817
C1R`	7625
C2R`	7600
C3R`	7574
C4R`	7590
C5R`	7520
C6R`	7493
C7R`	7460
C8R`	7472
C9R`	7343
C10R`	7251
C11R`	7124

C12R`	7096
C13R`	6911
C14R`	6868
F1R`	7794
F2R`	7603
F3R`	7363
F4R`	7350
F5R`	7232
F6R`	7141
F7R`	6990
F8R`	6928
F9R`	6852
F10R`	6774
F11R`	6765
S4R`	6911
S3R`	6822
S2R`	6759
S1R`	6729
`	0