

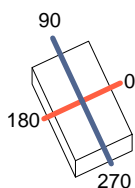
Luminaire

Code ADM EWW 31
Name App. de Marseille 2x8W
Measurem.
Code adm112018
Name App. de Marseille 2x8W

Luminaire Flux	926.20 lm	Luminaire Power	16.00 W	Efficacy	57.89 lm/W	Efficiency	100.00%
Lamps Flux	926.20 lm	Maximum value	256.88 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire Round Luminous Area	Length Diam.	280 mm 170 mm	Width Height	170 mm 0 mm	Height	395 mm	
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.022698 m2 0.000000 m2 0.000000 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.000000 m2 0.000000 m2 0.005491 m2				
Coordinate system Date Measurement Distance	CG 27-01-2000 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux	Double Symmetrical 180 926.20 lm				
Operator Temperature Humidity Notes	25.00 °C 60.00 %	Source Voltage [V] Source current [A] Photocell	120.00 V 120.00 A				

Line	Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
	Led E27 A60	Name Led E27 A60	926.20	16.00	1
C.I.E. F UTE	67 92 98 46 100 0.46 C + 0.54 T	D DIN 5040 B NBN	C52 BZ 2		

280mm x 170mm



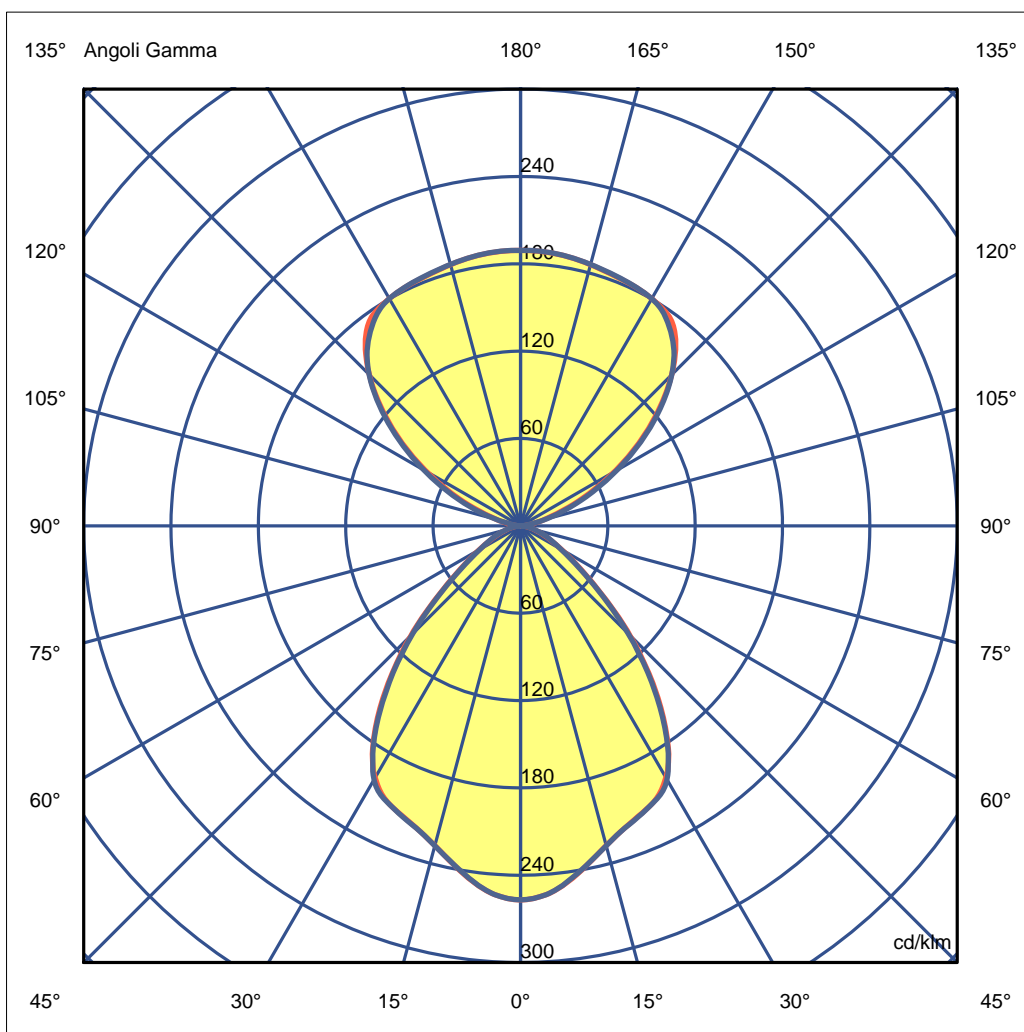
Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 54.37 %

DLOR 45.63 %

RN 54.37 %



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Measur.

Code adm112018
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Luminaire Flux	926.20 lm	Luminaire Power			16.00 W	Efficacy	57.89 lm/W			Efficiency	100.00%
Lamps Flux	926.20 lm	Maximum value			256.88 cd/klm	Position	C=0.00 G=0.00			CG	Double Symmetrical
Luminous Intensity Table cd/klm Table 1/3											
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	
G 0.0	256.88	256.88	256.88	256.88	256.88	256.88	256.88	256.88	256.88	256.88	256.88
G 1.0	256.69	256.67	256.57	256.65	256.63	256.61	256.59	256.60	256.58	256.59	256.59
G 2.0	256.04	256.06	256.00	256.07	256.06	255.97	256.00	256.02	256.00	256.02	256.02
G 3.0	255.10	255.11	255.09	255.12	255.17	255.02	255.13	255.16	255.18	255.08	255.08
G 4.0	253.92	253.88	253.81	253.89	253.93	253.84	253.91	253.86	253.90	253.86	253.86
G 5.0	252.31	252.23	252.23	252.37	252.30	252.33	252.30	252.37	252.23	252.15	252.15
G 6.0	250.49	250.28	250.41	250.32	250.52	250.31	250.42	250.35	250.35	250.19	250.19
G 7.0	247.99	247.95	248.06	248.13	248.28	248.21	248.12	248.07	248.09	247.91	247.91
G 8.0	245.54	245.60	245.51	245.59	245.56	245.66	245.55	245.52	245.45	245.37	245.37
G 9.0	243.12	242.83	242.98	242.89	243.05	243.04	242.94	242.91	242.90	242.76	242.76
G 10.0	240.44	239.99	240.22	240.17	240.40	240.24	240.46	240.19	240.35	239.97	239.97
G 11.0	237.52	237.30	237.43	237.53	237.78	237.62	237.78	237.63	237.58	237.47	237.47
G 12.0	235.01	234.74	234.81	234.97	235.04	235.16	235.18	235.02	235.08	234.78	234.78
G 13.0	232.24	231.98	232.13	232.36	232.56	232.40	232.61	232.42	232.59	232.35	232.35
G 14.0	229.78	229.29	229.71	229.78	230.05	229.85	230.09	229.96	230.24	229.86	229.86
G 15.0	227.33	226.83	227.20	227.24	227.43	227.50	227.56	227.47	227.67	227.39	227.39
G 16.0	225.07	224.59	224.77	224.97	225.27	225.16	225.37	225.13	225.35	225.16	225.16
G 17.0	223.04	222.47	222.76	222.72	223.21	223.00	223.27	223.04	223.38	223.16	223.16
G 18.0	221.22	220.47	220.88	220.90	221.34	221.06	221.41	221.17	221.53	221.23	221.23
G 19.0	219.60	218.92	219.13	219.28	219.57	219.55	219.82	219.64	219.73	219.65	219.65
G 20.0	218.01	217.57	217.75	217.91	218.21	218.22	218.45	218.28	218.38	218.31	218.31
G 21.0	216.65	216.24	216.46	216.52	216.90	216.83	217.15	216.99	217.14	216.97	216.97
G 22.0	215.32	215.00	215.20	215.29	215.65	215.58	215.87	215.66	215.82	215.64	215.64
G 23.0	214.09	213.84	213.90	214.05	214.29	214.45	214.56	214.46	214.46	214.41	214.41
G 24.0	212.81	212.60	212.71	212.82	213.06	213.11	213.35	213.16	213.14	213.03	213.03
G 25.0	211.49	211.24	211.44	211.43	211.82	211.77	212.05	211.85	211.85	211.73	211.73
G 26.0	210.16	209.95	210.15	210.20	210.48	210.55	210.68	210.48	210.50	210.35	210.35
G 27.0	208.22	208.45	208.39	208.70	208.93	209.02	209.13	209.09	209.01	208.88	208.88
G 28.0	205.73	206.43	206.49	206.82	206.96	207.14	207.12	207.25	207.05	207.19	207.19
G 29.0	202.90	204.00	204.12	204.31	204.42	204.51	204.51	204.71	204.38	204.79	204.79
G 30.0	199.61	201.13	200.79	201.09	201.05	201.26	201.04	201.32	201.00	201.07	201.07
G 31.0	196.27	197.23	196.93	197.33	197.00	197.39	196.98	197.07	196.67	196.87	196.87
G 32.0	191.68	192.47	192.39	192.69	192.20	192.09	192.17	191.75	191.68	191.51	191.51
G 33.0	186.94	187.03	187.05	187.22	186.79	186.89	186.64	186.31	186.04	186.33	186.33
G 34.0	181.17	181.58	181.42	181.48	181.08	181.30	180.71	180.51	180.03	180.57	180.57
G 35.0	174.86	175.72	175.42	175.51	175.19	174.88	174.29	174.29	173.74	174.15	174.15
G 36.0	169.00	169.02	169.02	168.72	168.85	168.22	168.34	168.41	167.79	167.53	167.53
G 37.0	162.12	162.58	162.18	162.34	162.28	161.66	161.48	161.23	160.73	160.82	160.82
G 38.0	155.67	155.95	155.72	155.55	155.02	155.29	154.30	154.50	154.00	154.38	154.38
G 39.0	148.61	148.81	148.73	148.63	148.32	148.22	147.77	147.41	147.16	146.88	146.88
G 40.0	141.98	141.60	141.81	141.79	141.35	140.89	140.83	140.66	140.24	140.06	140.06
G 41.0	134.56	134.53	134.41	134.68	133.91	133.99	133.49	133.55	132.91	133.33	133.33
G 42.0	127.25	127.73	127.30	127.56	126.88	127.32	126.17	126.17	125.64	126.14	126.14
G 43.0	120.48	120.43	120.19	120.16	119.96	119.57	119.12	119.54	118.83	118.55	118.55
G 44.0	113.72	113.12	113.01	112.87	113.00	112.60	112.23	112.02	111.59	111.91	111.91
G 45.0	106.14	106.08	106.25	105.94	105.82	105.75	105.15	104.88	104.53	104.69	104.69
G 46.0	99.57	99.39	99.02	99.00	98.78	98.78	98.16	98.22	97.71	97.90	97.90
G 47.0	92.74	92.20	92.35	92.11	92.06	91.58	91.41	91.37	91.05	90.69	90.69
G 48.0	85.88	85.21	85.76	85.26	85.24	84.94	84.88	84.71	84.37	84.23	84.23
G 49.0	79.24	79.43	78.68	78.99	78.45	78.50	78.10	78.20	77.68	77.80	77.80
G 50.0	72.86	72.89	72.51	72.57	72.32	72.31	71.93	72.00	71.47	71.54	71.54
G 51.0	66.97	66.88	66.96	66.70	66.87	66.44	66.04	66.03	65.55	65.77	65.77
G 52.0	61.70	60.85	61.19	61.11	61.17	60.69	60.43	60.51	60.03	60.13	60.13
G 53.0	56.32	55.91	55.86	55.82	55.81	55.91	55.62	55.34	54.91	55.35	55.35
G 54.0	51.91	51.62	51.51	51.47	51.38	51.18	50.89	50.65	50.65	50.67	50.67
G 55.0	47.87	47.14	47.33	47.35	47.27	46.92	47.06	46.66	46.73	46.71	46.71
G 56.0	44.00	43.65	43.81	43.76	43.77	43.69	43.62	43.45	43.28	43.33	43.33
G 57.0	40.74	40.66	40.56	40.73	40.50	40.70	40.56	40.58	40.28	40.33	40.33
G 58.0	37.75	37.84	37.77	37.93	37.82	37.85	37.82	37.70	37.52	37.64	37.64
G 59.0	35.13	35.16	35.21	35.24	35.36	35.10	35.30	35.01	34.91	35.07	35.07
G 60.0	32.81	32.75	32.78	32.97	32.86	33.01	32.78	32.81	32.58	32.62	32.62
G 61.0	30.50	30.64	30.53	30.64	30.55	30.71	30.60	30.54	30.41	30.47	30.47
G 62.0	28.49	28.45	28.46	28.51	28.57	28.47	28.51	28.38	28.42	28.39	28.39
G 63.0	26.28	26.50	26.46	26.58	26.67	26.54	26.50	26.57	26.42	26.46	26.46
G 64.0	24.51	24.65	24.63	24.76	24.74	24.86	24.76	24.66	24.65	24.78	24.78
G 65.0	22.87	23.03	22.90	23.00	23.08	23.13	23.07	22.97	22.93	23.04	23.04
G 66.0	21.15	21.31	21.40	21.45	21.43	21.43	21.47	21.40	21.41	21.53	21.53
G 67.0	19.73	19.81	19.85	19.92	19.87	19.94	19.90	19.97	19.86	20.04	20.04
G 68.0	18.27	18.44	18.36	18.53	18.43	18.54	18.44	18.56	18.43	18.62	18.62
G 69.0	16.87	17.08	17.03	17.12	17.12	17.13	17.13	17.18	17.15	17.18	17.18
G 70.0	15.57	15.74	15.82	15.78	15.74	15.84	15.89	15.88	15.90	15.94	15.94
G 71.0	14.38	14.61	14.56	14.56	14.64	14.59	14.60	14.69	14.64	14.77	14.77
G 72.0	13.20	13.46	13.40	13.48	13.43	13.49	13.47	13.60	13.55	13.63	13.63

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Lamps Flux	926.20 lm	Maximum value	256.88 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminous Intensity Table cd/klm Table 2/3

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00
G 73.0	12.19	12.40	12.40	12.36	12.45	12.39	12.48	12.47	12.49	12.47
G 74.0	11.18	11.43	11.41	11.32	11.36	11.38	11.44	11.40	11.49	11.46
G 75.0	10.21	10.47	10.44	10.43	10.37	10.44	10.44	10.46	10.49	10.54
G 76.0	9.37	9.54	9.53	9.51	9.61	9.53	9.53	9.57	9.54	9.59
G 77.0	8.48	8.69	8.68	8.62	8.56	8.64	8.65	8.67	8.62	8.68
G 78.0	7.61	7.79	7.83	7.80	7.78	7.78	7.78	7.80	7.78	7.77
G 79.0	6.79	6.99	6.96	6.99	6.95	6.95	6.92	6.96	6.94	6.97
G 80.0	6.04	6.21	6.18	6.22	6.12	6.17	6.16	6.21	6.13	6.21
G 81.0	5.32	5.38	5.44	5.43	5.38	5.41	5.42	5.41	5.42	5.41
G 82.0	4.51	4.69	4.67	4.72	4.72	4.69	4.69	4.66	4.65	4.67
G 83.0	3.86	4.00	4.00	4.02	4.01	4.03	3.97	3.99	3.96	3.96
G 84.0	3.18	3.32	3.32	3.35	3.32	3.34	3.28	3.35	3.28	3.34
G 85.0	2.57	2.70	2.70	2.72	2.73	2.72	2.70	2.69	2.65	2.68
G 86.0	1.94	2.08	2.08	2.11	2.07	2.10	2.08	2.08	2.07	2.10
G 87.0	1.44	1.51	1.52	1.51	1.50	1.50	1.49	1.51	1.45	1.47
G 88.0	1.16	1.06	1.20	1.09	1.14	1.04	1.04	0.95	0.98	0.92
G 89.0	0.87	0.93	1.12	0.92	1.07	0.83	0.94	0.62	0.75	0.52
G 90.0	1.20	1.98	2.00	2.11	2.18	2.21	2.21	2.02	1.58	1.36
G 91.0	0.55	0.91	1.31	1.17	1.56	1.45	1.72	1.42	1.18	0.94
G 92.0	1.12	1.40	1.63	1.61	1.92	1.88	2.15	1.85	1.48	1.20
G 93.0	2.00	2.14	2.18	2.18	2.42	2.40	2.66	2.35	1.81	1.45
G 94.0	2.88	3.04	3.01	3.05	3.08	3.10	3.18	2.87	2.14	1.73
G 95.0	3.83	3.93	4.02	4.01	4.06	4.07	4.11	3.79	2.76	2.37
G 96.0	4.81	4.89	4.93	4.96	5.01	5.04	5.07	4.73	3.51	3.05
G 97.0	5.81	5.99	6.01	6.01	6.10	6.14	6.16	5.75	4.35	3.75
G 98.0	6.89	7.04	7.07	7.08	7.14	7.21	7.28	6.81	5.39	4.81
G 99.0	8.00	8.10	8.22	8.18	8.28	8.29	8.45	7.87	6.71	6.04
G100.0	9.14	9.36	9.36	9.42	9.50	9.57	9.62	9.23	8.13	7.56
G101.0	10.34	10.61	10.60	10.70	10.74	10.83	11.05	10.69	9.91	9.11
G102.0	11.59	11.85	11.97	12.01	12.27	12.37	12.71	12.57	11.98	10.69
G103.0	12.95	13.27	13.49	13.60	14.03	14.15	14.62	14.55	14.22	12.47
G104.0	14.56	15.00	15.28	15.45	15.96	16.19	16.67	16.89	16.58	14.42
G105.0	16.42	17.00	17.30	17.61	18.15	18.48	18.92	19.08	19.37	17.95
G106.0	18.75	19.25	19.68	19.76	20.50	20.64	21.41	21.40	21.94	21.72
G107.0	21.46	21.77	22.11	22.39	22.99	23.23	23.98	24.09	24.61	24.25
G108.0	24.21	24.73	24.93	25.29	25.85	26.26	26.88	26.95	27.31	27.31
G109.0	27.22	27.92	28.53	28.48	29.19	29.42	30.05	30.03	30.52	30.33
G110.0	30.66	31.26	31.60	32.02	32.44	32.80	33.39	33.46	34.01	33.73
G111.0	34.78	34.72	35.12	35.54	36.07	36.22	36.90	36.99	37.38	37.29
G112.0	38.54	38.78	39.08	39.49	39.88	40.45	40.66	41.00	41.21	41.46
G113.0	42.60	42.64	43.05	43.36	43.95	44.17	44.88	44.93	45.37	45.18
G114.0	46.40	46.67	47.13	47.71	48.14	48.17	48.82	48.93	49.45	49.36
G115.0	51.06	51.31	51.45	52.05	52.33	52.70	53.07	53.31	53.67	53.57
G116.0	55.30	55.65	55.96	56.36	56.96	57.28	57.63	57.72	57.99	58.13
G117.0	60.31	60.15	60.48	60.80	61.50	61.81	62.14	62.23	62.61	62.48
G118.0	64.66	64.78	65.15	65.31	66.14	66.26	66.73	66.66	67.22	66.73
G119.0	69.62	69.55	69.97	70.39	70.67	71.34	71.49	71.62	71.63	71.65
G120.0	74.51	74.49	74.76	75.34	75.61	76.16	76.57	76.45	76.62	76.62
G121.0	79.20	79.23	79.52	80.25	80.66	80.84	81.53	81.24	81.39	81.30
G122.0	84.03	84.36	84.73	84.78	85.60	85.45	86.14	86.26	86.24	86.01
G123.0	89.47	89.43	89.66	89.92	90.34	90.89	91.00	91.43	91.03	91.19
G124.0	94.23	94.15	94.41	95.03	95.37	96.00	96.01	96.25	96.06	96.10
G125.0	99.32	99.10	99.47	99.84	100.40	100.77	101.07	100.94	101.06	100.81
G126.0	103.97	104.18	104.46	104.78	105.32	105.66	105.89	105.95	105.99	106.10
G127.0	109.56	109.21	109.59	110.05	110.25	110.63	110.83	111.15	110.74	111.01
G128.0	114.35	114.21	114.54	114.96	115.25	115.56	115.64	115.83	115.98	115.55
G129.0	119.15	118.93	119.28	119.55	120.03	120.20	120.49	120.57	120.37	120.27
G130.0	123.67	123.91	124.20	124.30	124.83	125.31	125.35	125.29	125.18	125.07
G131.0	128.68	128.74	128.93	129.23	129.41	130.03	129.85	130.17	129.75	129.96
G132.0	133.37	133.36	133.53	133.72	134.26	134.43	134.54	134.41	134.40	134.34
G133.0	137.92	137.97	138.13	138.27	138.45	138.79	138.73	138.73	138.66	138.57
G134.0	142.53	142.53	142.77	142.92	142.81	143.31	143.14	143.17	142.93	142.96
G135.0	146.78	146.77	147.13	147.13	147.07	147.36	147.29	147.36	146.98	147.02
G136.0	151.04	151.07	151.23	151.08	151.07	151.18	151.16	151.01	150.82	150.76
G137.0	155.10	154.96	155.07	155.04	155.01	154.94	154.65	154.67	154.12	154.21
G138.0	158.78	158.76	158.66	158.71	158.54	158.45	158.04	158.00	157.37	157.53
G139.0	162.58	162.27	162.17	161.98	161.70	161.87	161.12	160.79	160.16	160.51
G140.0	165.78	165.62	165.38	165.07	164.79	164.57	163.82	163.44	162.78	163.14
G141.0	168.72	168.45	168.14	167.85	167.24	167.14	166.23	166.10	165.34	165.59
G142.0	171.46	171.19	170.64	170.22	169.61	169.48	168.49	168.55	167.77	168.00
G143.0	173.79	173.23	172.77	172.34	171.71	171.59	171.06	170.57	170.09	170.21
G144.0	175.47	175.00	174.58	174.23	173.67	173.52	173.06	172.75	172.24	172.23
G145.0	176.80	176.44	176.17	175.90	175.48	175.41	174.77	174.70	174.14	174.18

Luminaire

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 Name App. de Marseille 2x8W

Luminaire Flux	926.20 lm	Luminaire Power	16.00 W	Efficacy	57.89 lm/W	Efficiency	100.00%
Lamps Flux	926.20 lm	Maximum value	256.88 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminous Intensity Table cd/klm Table 3/3

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00
G146.0	177.73	177.55	177.43	177.33	177.03	176.99	176.44	176.32	175.85	175.96
G147.0	178.50	178.36	178.54	178.41	178.41	178.28	178.07	177.77	177.43	177.44
G148.0	179.20	179.08	179.27	179.19	179.39	179.36	179.25	178.96	178.68	178.57
G149.0	179.78	179.67	179.87	179.85	180.06	180.12	180.08	179.89	179.68	179.63
G150.0	180.33	180.23	180.44	180.41	180.68	180.68	180.74	180.50	180.43	180.26
G151.0	180.81	180.72	181.00	180.98	181.23	181.20	181.33	181.04	180.96	180.83
G152.0	181.27	181.18	181.45	181.46	181.66	181.70	181.80	181.56	181.46	181.28
G153.0	181.66	181.58	181.79	181.86	182.09	182.11	182.24	181.98	181.91	181.75
G154.0	182.05	181.97	182.17	182.21	182.47	182.47	182.59	182.32	182.29	182.13
G155.0	182.40	182.33	182.52	182.58	182.81	182.80	182.92	182.67	182.64	182.47
G156.0	182.63	182.57	182.80	182.86	183.13	183.12	183.27	183.03	182.96	182.81
G157.0	182.84	182.86	183.06	183.13	183.39	183.42	183.57	183.32	183.29	183.10
G158.0	183.12	183.08	183.33	183.39	183.70	183.69	183.90	183.64	183.62	183.45
G159.0	183.42	183.33	183.62	183.65	184.00	184.01	184.23	183.95	183.99	183.78
G160.0	183.67	183.63	183.93	183.99	184.28	184.32	184.53	184.29	184.31	184.14
G161.0	184.02	183.98	184.28	184.29	184.60	184.59	184.82	184.60	184.63	184.44
G162.0	184.45	184.38	184.62	184.64	184.95	184.91	185.16	184.93	184.94	184.73
G163.0	184.93	184.84	185.02	185.04	185.30	185.28	185.47	185.29	185.32	185.10
G164.0	185.44	185.32	185.49	185.48	185.68	185.70	185.82	185.76	185.75	185.59
G165.0	185.88	185.77	185.92	185.91	186.11	186.09	186.24	186.15	186.14	185.98
G166.0	186.36	186.21	186.37	186.36	186.56	186.52	186.62	186.52	186.54	186.39
G167.0	186.75	186.63	186.77	186.74	186.91	186.89	186.97	187.00	186.91	186.80
G168.0	187.09	187.02	187.17	187.09	187.24	187.27	187.32	187.29	187.26	187.18
G169.0	187.44	187.34	187.49	187.43	187.58	187.57	187.68	187.62	187.65	187.51
G170.0	187.80	187.68	187.83	187.76	187.88	187.90	187.95	187.95	187.97	187.86
G171.0	188.06	187.98	188.12	188.07	188.16	188.17	188.25	188.26	188.26	188.16
G172.0	188.32	188.27	188.38	188.31	188.37	188.43	188.47	188.50	188.51	188.49
G173.0	188.54	188.49	188.62	188.53	188.59	188.63	188.71	188.68	188.72	188.72
G174.0	188.78	188.74	188.79	188.69	188.78	188.80	188.85	188.86	188.91	188.88
G175.0	188.94	188.97	188.95	188.86	188.95	188.97	188.97	189.00	189.06	189.05
G176.0	189.11	189.11	189.10	189.00	189.06	189.08	189.13	189.12	189.16	189.13
G177.0	189.19	189.20	189.18	189.12	189.16	189.19	189.20	189.19	189.23	189.26
G178.0	189.26	189.24	189.23	189.17	189.19	189.27	189.24	189.27	189.26	189.30
G179.0	189.23	189.25	189.24	189.20	189.23	189.26	189.27	189.31	189.30	189.32
G180.0	189.26	189.26	189.26	189.26	189.26	189.26	189.26	189.26	189.26	189.26