

SATURN Wall fixture

**Description**

Wall fixture SATURN LED 4W 3000K White 251lm

	Finish	Material
Structure	White	Steel Aluminium



 IP23  HORIZONTAL 114°  12

TECHNICAL CHARACTERISTICS**Light source**

Light source: LED SHARP
 Light source power (W): 4W
 Luminaire total power (W): 5.5W
 Color temperature: LED warm-white
 3000K
 CRI: 80
 Real Lumen: 251
 Qty Leds: 1
 Lm/Real W: 46
 Life Time: 36.000h L70B30
 Bin / Grup: 3 SDCM
 UGR: 15.9

GEAR

Gear included: Yes, electronic
 Voltage / Frequency:
 100-240VAC/50-60Hz

Luminaire

Warranty: 2 Years

Logistics

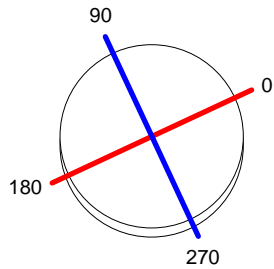
Energy Efficiency: LED A++
 EAN Code: 8435381407070
 Net Weight (Kg): 0.56
 Weight in Kg (packaged): 0.8
 Masterbox: 12

The photograph may not match the reference exactly. Please read the product description to identify the finish.

Luminaire		Measur.		Lamp	
Code	05-2233-14-14	Code	15-2020-14-14	Code	15-2020-14-14
Name	Aplique 1 led 9W	Name	Aplique led 9W	Number	1
Line	- LEDS C4 LEDS	Date	14-11-2013	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	671.00 lm
Maximum value	182.23 cd	Position	C=0.00 G=0.00	Double Symmetrical	
Round Luminaire	Diam.	283 mm	Height	117 mm	
Round Luminous Area	Diam.	220 mm	Height	0 mm	
Horizontal Luminous Area	0.038013 m2	Emitting area on Plane 180°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 0°	0.000000 m2	Glare area at 76°	0.0009196 m2		
Emitting area on Plane 90°	0.000000 m2				
Symmetry Type	Double Symmetrical	Maximum Gamma Angle	180	Measurement Flux	671.00 lm
Measurement Distance	6.44				
Operator	Asselum T2	Source voltage	230.00 V		
Temperature	20.00 °C	Source current			
Humidity	52.00 %	Photocell	PRC		
Notes					

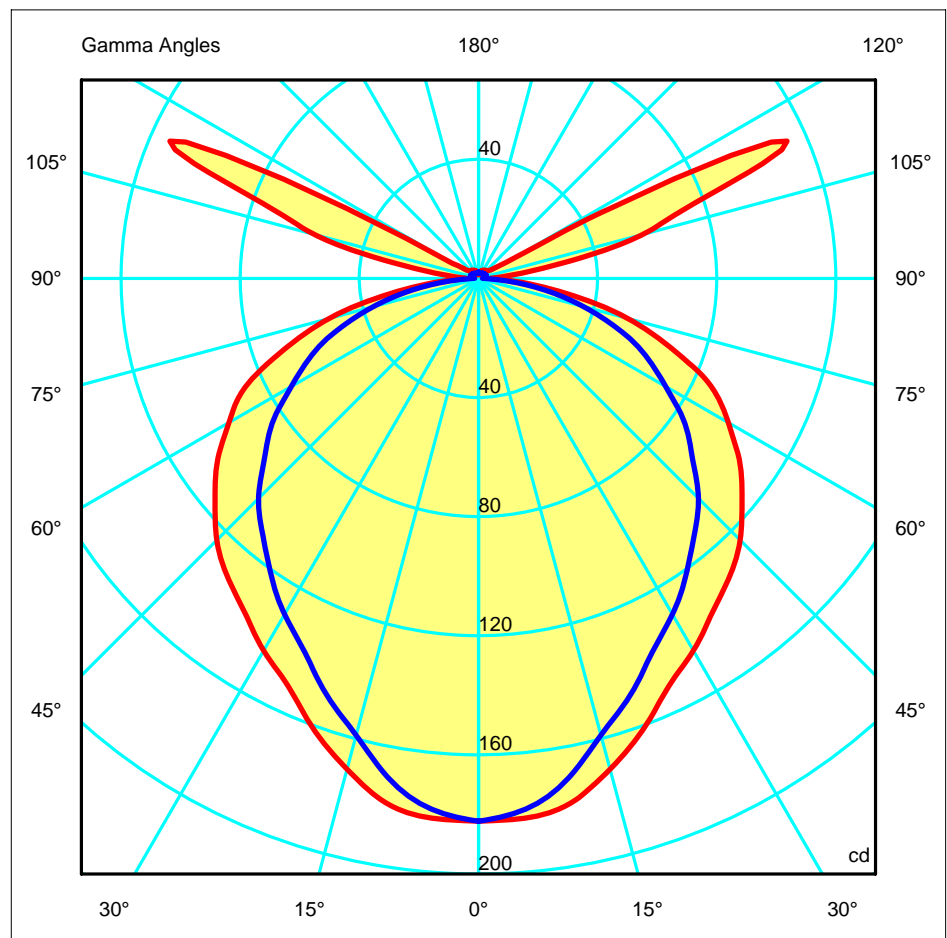
Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
- LEDS C4 LEDS	15-2020-14-14	Lámpara led 9W	671.00	9.00	1	
C.I.E.	43 74 94 78 100	D DIN 5040				B31
F UTE	0.78 E + 0.22 T	B NBN				BZ 5

Diam=283mm



C Halfplanes
 180.0 — 0.0
 270.0 — 90.0

ULOR 22.14 %
 DLOR 77.86 %
 RN 22.14 %



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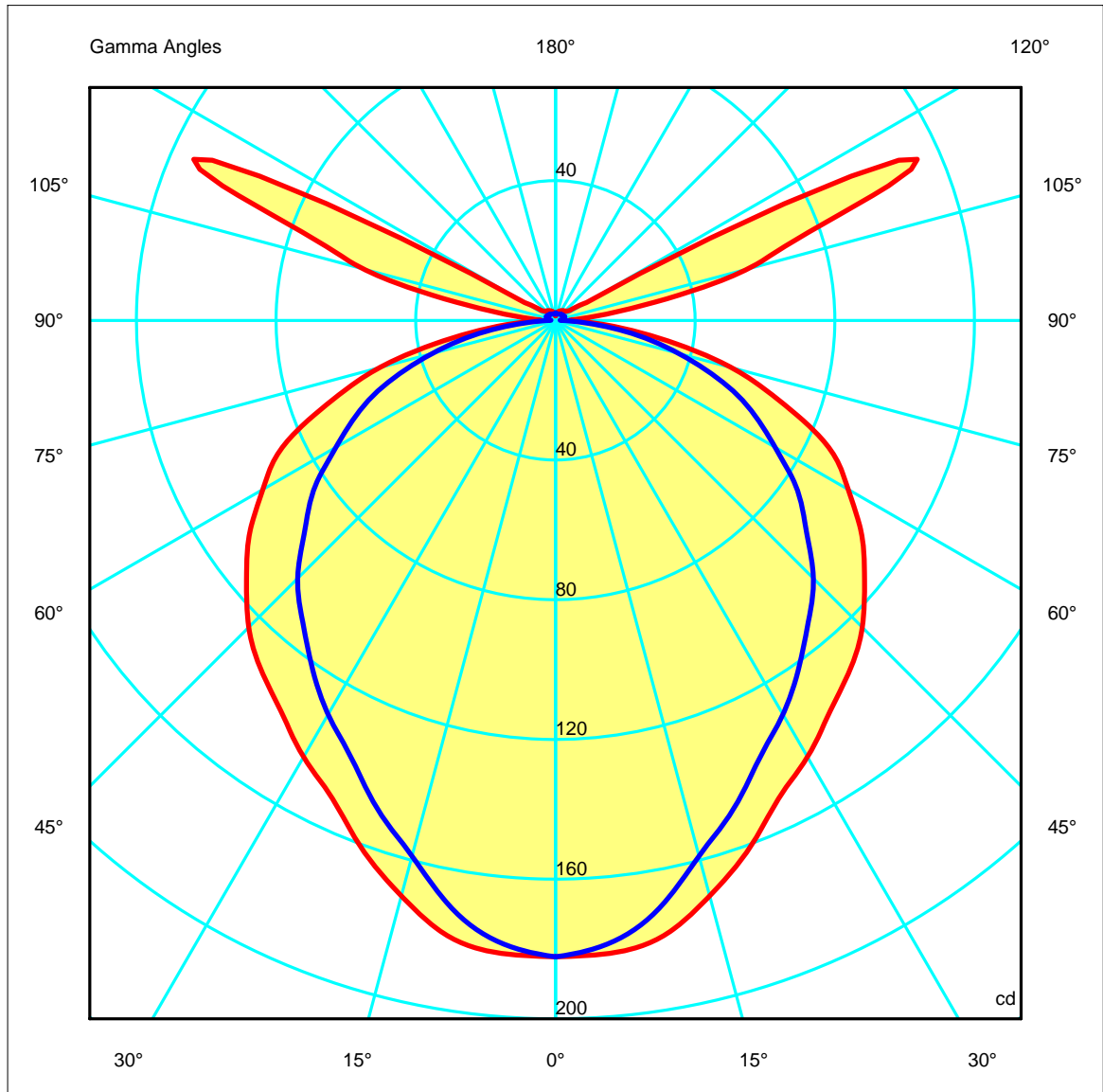
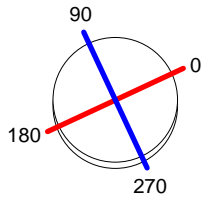
	Luminous Intensity Table cd Table 1/1						
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	182.23	182.23	182.23	182.23	182.23	182.23	182.23
G 5.0	181.93	181.65	181.07	180.25	179.53	178.70	178.96
G 10.0	178.82	177.11	175.85	173.79	172.10	169.49	170.94
G 15.0	170.57	168.21	166.48	164.00	162.25	158.99	158.79
G 20.0	161.37	158.05	157.34	153.73	151.51	148.57	148.96
G 25.0	151.12	149.28	148.20	145.07	142.25	139.48	138.27
G 30.0	144.31	142.00	140.51	137.00	133.98	130.71	130.26
G 35.0	136.90	135.45	133.54	129.81	126.17	122.29	121.46
G 40.0	131.02	129.05	126.61	122.88	118.36	113.77	112.65
G 45.0	124.23	121.68	119.32	115.26	110.72	105.05	104.43
G 50.0	115.50	113.30	110.76	107.18	102.31	96.44	93.76
G 55.0	107.03	103.79	102.33	97.90	92.94	86.49	84.50
G 60.0	96.77	93.74	91.38	87.45	82.69	77.01	72.56
G 65.0	86.47	81.78	79.60	75.92	71.76	66.02	62.34
G 70.0	69.16	66.82	65.48	62.11	58.70	54.09	50.34
G 75.0	52.06	48.14	47.68	45.89	43.36	40.45	36.41
G 80.0	31.19	28.83	28.67	27.77	26.86	24.99	23.13
G 85.0	14.18	12.51	12.20	13.52	13.48	13.00	9.28
G 90.0	4.15	5.04	4.72	6.96	5.36	5.60	2.02
G 95.0	9.55	13.27	11.61	13.01	13.43	7.74	1.54
G100.0	26.64	32.62	32.75	31.92	34.74	35.66	2.19
G105.0	57.10	60.00	60.25	58.10	59.06	59.47	2.68
G110.0	82.76	86.85	86.37	82.70	83.77	83.78	2.84
G115.0	108.46	97.23	93.77	95.74	87.92	95.23	2.82
G120.0	10.20	7.91	7.27	6.36	5.61	5.02	2.69
G125.0	4.99	4.93	5.28	5.19	4.72	3.89	2.58
G130.0	4.03	4.16	4.45	4.53	4.07	3.31	2.45
G135.0	3.79	3.83	4.02	3.99	3.51	2.85	2.37
G140.0	3.61	3.61	3.68	3.60	3.08	2.53	2.27
G145.0	3.43	3.40	3.38	3.21	2.80	2.32	2.18
G150.0	3.21	3.15	3.08	2.90	2.56	2.18	2.10
G155.0	2.97	2.89	2.82	2.65	2.35	2.07	2.05
G160.0	2.73	2.65	2.61	2.44	2.16	1.99	1.97
G165.0	2.47	2.40	2.36	2.21	1.91	1.91	1.91
G170.0	2.27	2.18	2.04	1.87	1.85	1.85	1.87
G175.0	1.67	1.69	1.74	1.77	1.81	1.81	1.81
G180.0	1.26	1.29	1.29	1.51	2.03	2.16	2.16

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Line	- LEDS C4 LEDS	Date	14-11-2013	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	671.00 lm

Diam=283mm

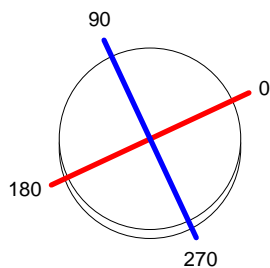
C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



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Efficiency	100.00%	Coordinate system	CG	Total Flux	671.00 lm

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	17.0	18.0	17.5	18.6	18.2	15.9	16.9	16.4	17.5	18.2
x=2H y=3H	19.1	20.1	19.7	20.7	20.0	17.7	18.7	18.3	19.3	20.0
x=2H y=4H	19.9	20.9	20.6	21.5	20.7	18.5	19.4	19.1	20.0	20.7
x=2H y=6H	20.6	21.4	21.2	22.1	21.3	19.0	19.9	19.7	20.5	21.3
x=2H y=8H	20.8	21.6	21.4	22.2	21.5	19.2	20.1	19.9	20.7	21.5
x=2H y=12H	20.9	21.7	21.6	22.4	21.6	19.3	20.1	20.0	20.8	21.6
x=4H y=2H	17.7	18.6	18.3	19.2	19.2	16.9	17.8	17.5	18.5	19.2
x=4H y=3H	20.0	20.8	20.7	21.4	21.1	18.9	19.7	19.6	20.4	21.1
x=4H y=4H	20.9	21.6	21.6	22.3	22.0	19.8	20.5	20.5	21.2	22.0
x=4H y=6H	21.7	22.3	22.4	23.0	22.6	20.5	21.1	21.2	21.8	22.6
x=4H y=8H	21.9	22.5	22.6	23.2	22.8	20.7	21.2	21.4	22.0	22.8
x=4H y=12H	22.1	22.6	22.8	23.3	23.0	20.8	21.4	21.6	22.1	23.0
x=8H y=4H	21.3	21.8	22.0	22.5	22.4	20.3	20.8	21.0	21.6	22.4
x=8H y=6H	22.1	22.6	22.9	23.3	23.2	21.1	21.6	21.9	22.3	23.2
x=8H y=8H	22.4	22.8	23.2	23.6	23.5	21.4	21.8	22.2	22.6	23.5
x=8H y=12H	22.7	23.0	23.5	23.8	23.8	21.7	22.0	22.5	22.8	23.8
x=12H y=4H	21.3	21.8	22.0	22.5	22.4	20.3	20.8	21.1	21.6	22.4
x=12H y=6H	22.2	22.6	22.9	23.3	23.3	21.2	21.6	22.0	22.4	23.3
x=12H y=8H	22.5	22.9	23.3	23.7	23.6	21.6	21.9	22.4	22.7	23.6

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Total Flux=671.00 Luminaire Flux=670.99

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.28	0.36	0.43	0.50	0.56	0.65	0.71	0.75	0.81	0.84	0.92	0.96
RC	6	6	6	6	6	6	6	6	6	6	6	5

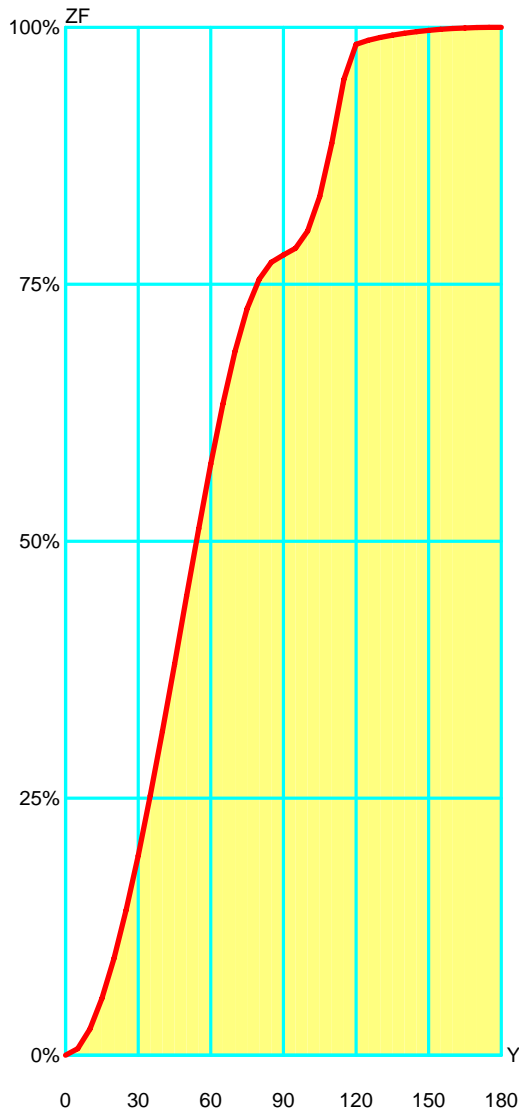
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	25	94	194	315	447	575	685	755	779	802	887	983	990	994	997	999	1000	1000

CIE Flux Codes

43 74 94 78 100

C.I.E.	6/6/6/6/6/6/6/6/6/5	LOR	99.99821 %
D DIN 5040	B31	ULOR	22.13782 %
F UTE	0.78 E + 0.22 T	DLOR	77.86039 %
B NBN	BZ 5	UFF	22.13822 %
RN	22.13822 %	DFF	77.86178 %
BLF	1.0	FFR	28.43272 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00%
5°	6.46	6.46	0.65%	0.65%
10°	18.88	25.34	1.89%	2.53%
15°	29.88	55.22	2.99%	5.52%
20°	39.08	94.30	3.91%	9.43%
25°	46.72	141.01	4.67%	14.10%
30°	53.14	194.15	5.31%	19.42%
35°	58.45	252.60	5.84%	25.26%
40°	62.53	315.13	6.25%	31.51%
45°	65.25	380.38	6.53%	38.04%
50°	66.30	446.68	6.63%	44.67%
55°	65.56	512.24	6.56%	51.22%
60°	62.94	575.18	6.29%	57.52%
65°	58.36	633.53	5.84%	63.35%
70°	51.35	684.88	5.13%	68.49%
75°	41.34	726.22	4.13%	72.62%
80°	28.85	755.06	2.88%	75.51%
85°	16.25	771.31	1.62%	77.13%
90°	7.29	778.60	0.73%	77.86%
95°	6.49	785.09	0.65%	78.51%
100°	16.65	801.74	1.67%	80.18%
105°	33.82	835.56	3.38%	83.56%
110°	51.49	887.05	5.15%	88.71%
115°	62.38	949.43	6.24%	94.94%
120°	34.07	983.49	3.41%	98.35%
125°	3.81	987.31	0.38%	98.73%
130°	2.78	990.09	0.28%	99.01%
135°	2.26	992.35	0.23%	99.24%
140°	1.87	994.22	0.19%	99.42%
145°	1.55	995.77	0.15%	99.58%
150°	1.26	997.03	0.13%	99.70%
155°	1.00	998.03	0.10%	99.80%
160°	0.77	998.80	0.08%	99.88%
165°	0.56	999.36	0.06%	99.94%
170°	0.37	999.72	0.04%	99.97%
175°	0.20	999.92	0.02%	99.99%
180°	0.06	999.98	0.01%	100.00%

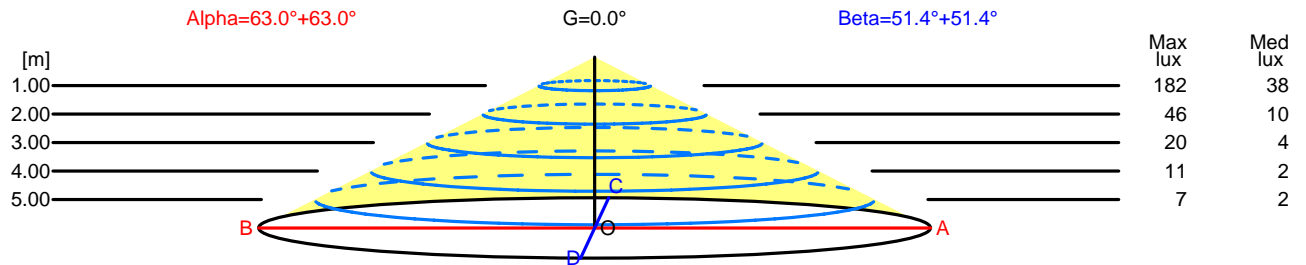
Luminaire		Measur.		Lamp	
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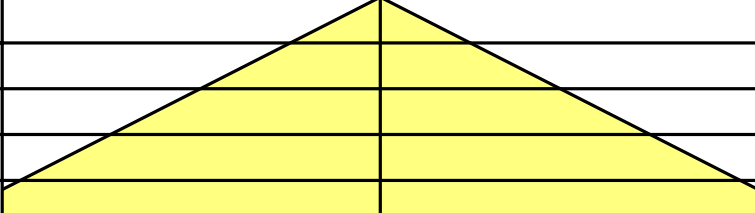
Width at 50.00 % of MaxLux


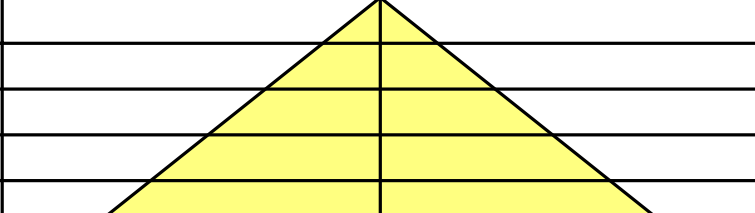
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.97	3.93	5.90	7.86	9.83	OC	1.25	2.51	3.76	5.02	6.27
OB	1.97	3.93	5.90	7.86	9.83	OD	1.25	2.51	3.76	5.02	6.27

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	182.23	181.93	170.57	151.12	136.90	124.23	107.03	86.47	52.06	14.18
OB	182.23	181.93	170.57	151.12	136.90	124.23	107.03	86.47	52.06	14.18
OC	182.23	178.96	158.79	138.27	121.46	104.43	84.50	62.34	36.41	9.28
OD	182.23	178.96	158.79	138.27	121.46	104.43	84.50	62.34	36.41	9.28



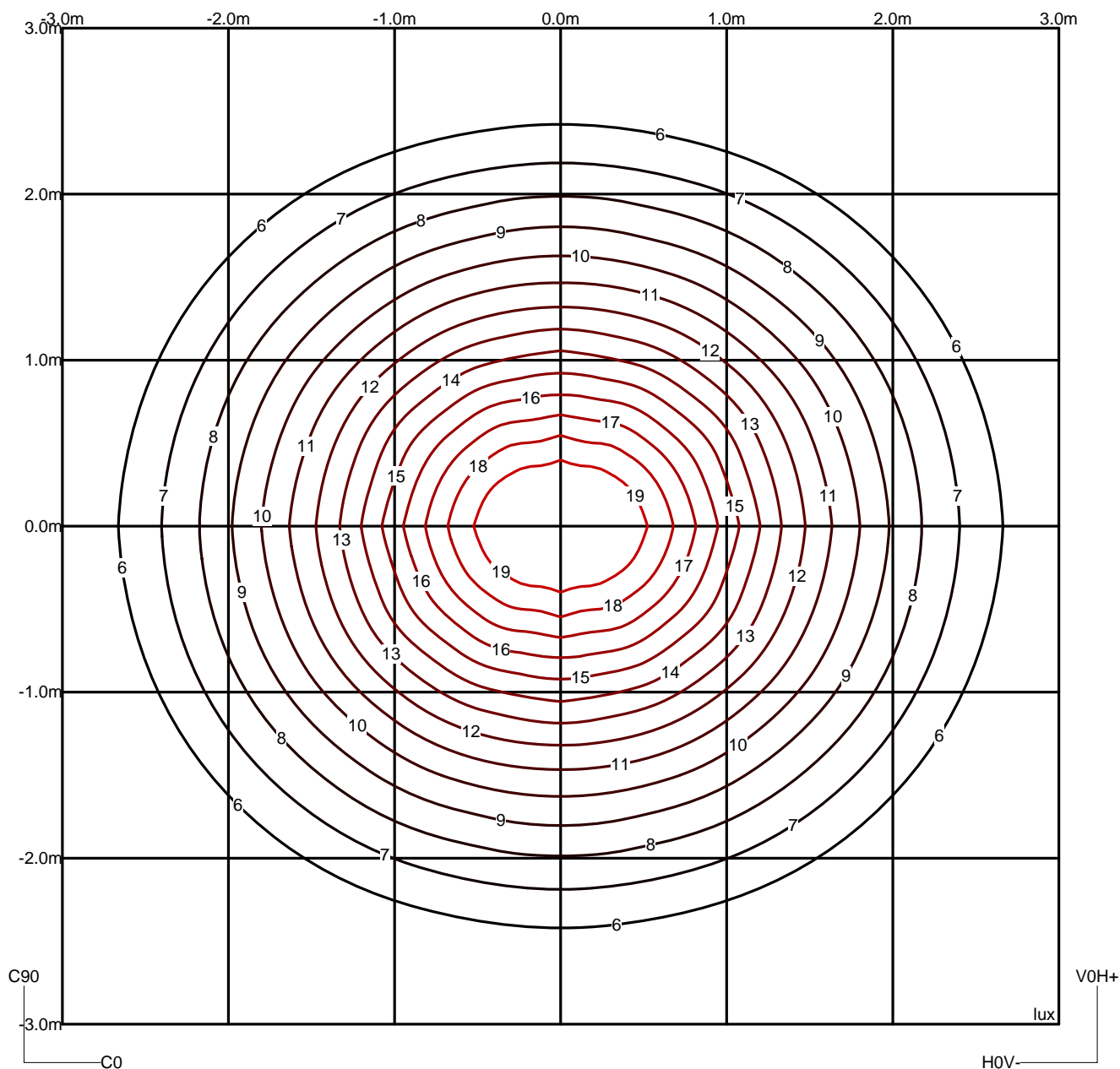
H[m]	D[m]	Max lux	Med lux	Alpha=63.0°+63.0°	G=0.0	
1.00	3.93	182	38			
2.00	7.86	46	10			
3.00	11.79	20	4			
4.00	15.72	11	2			
5.00	19.65	7	2			

H[m]	D[m]	Max lux	Med lux	Beta=51.4°+51.4°	G=0.0	
1.00	2.51	182	38			
2.00	5.02	46	10			
3.00	7.52	20	4			
4.00	10.03	11	2			
5.00	12.54	7	2			

Luminaire		Measur.		Lamp	
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Isolux (Floor)

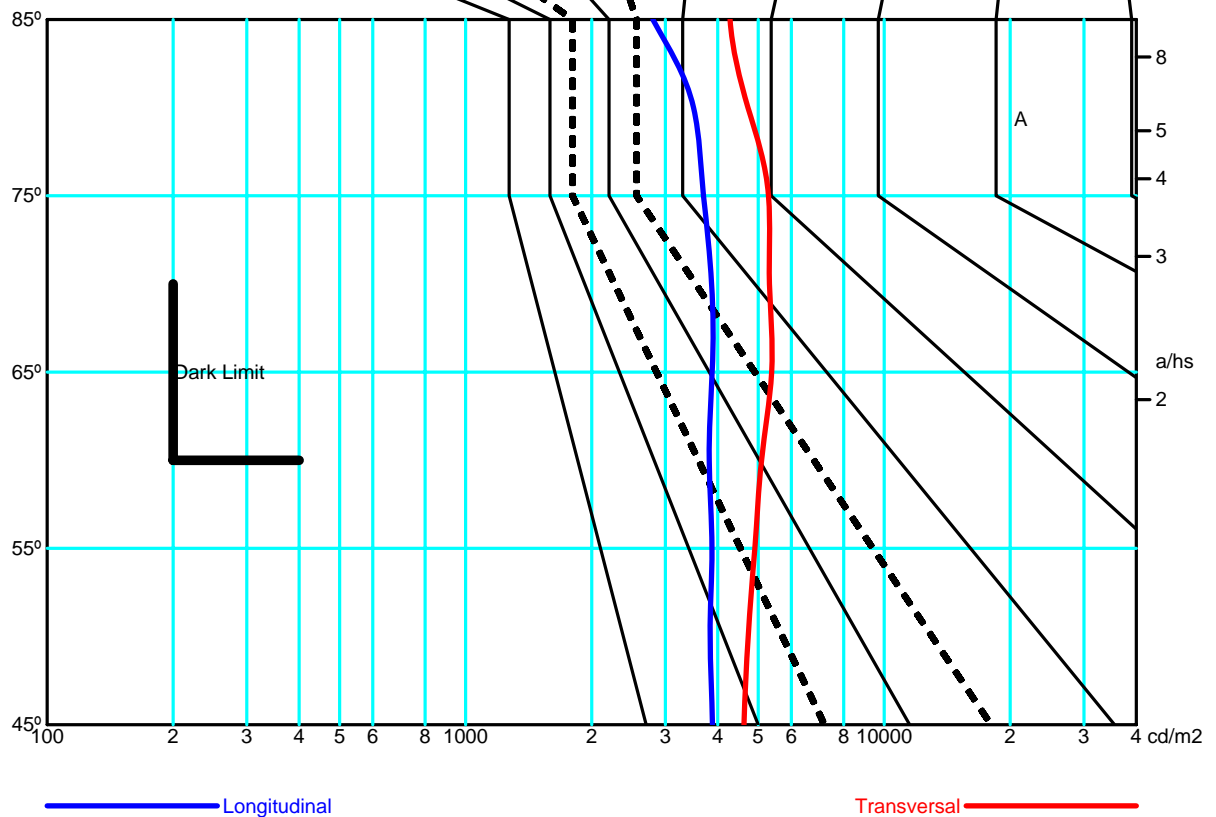
Luminaire position X=0.00m Y=0.00m Z=3.00m



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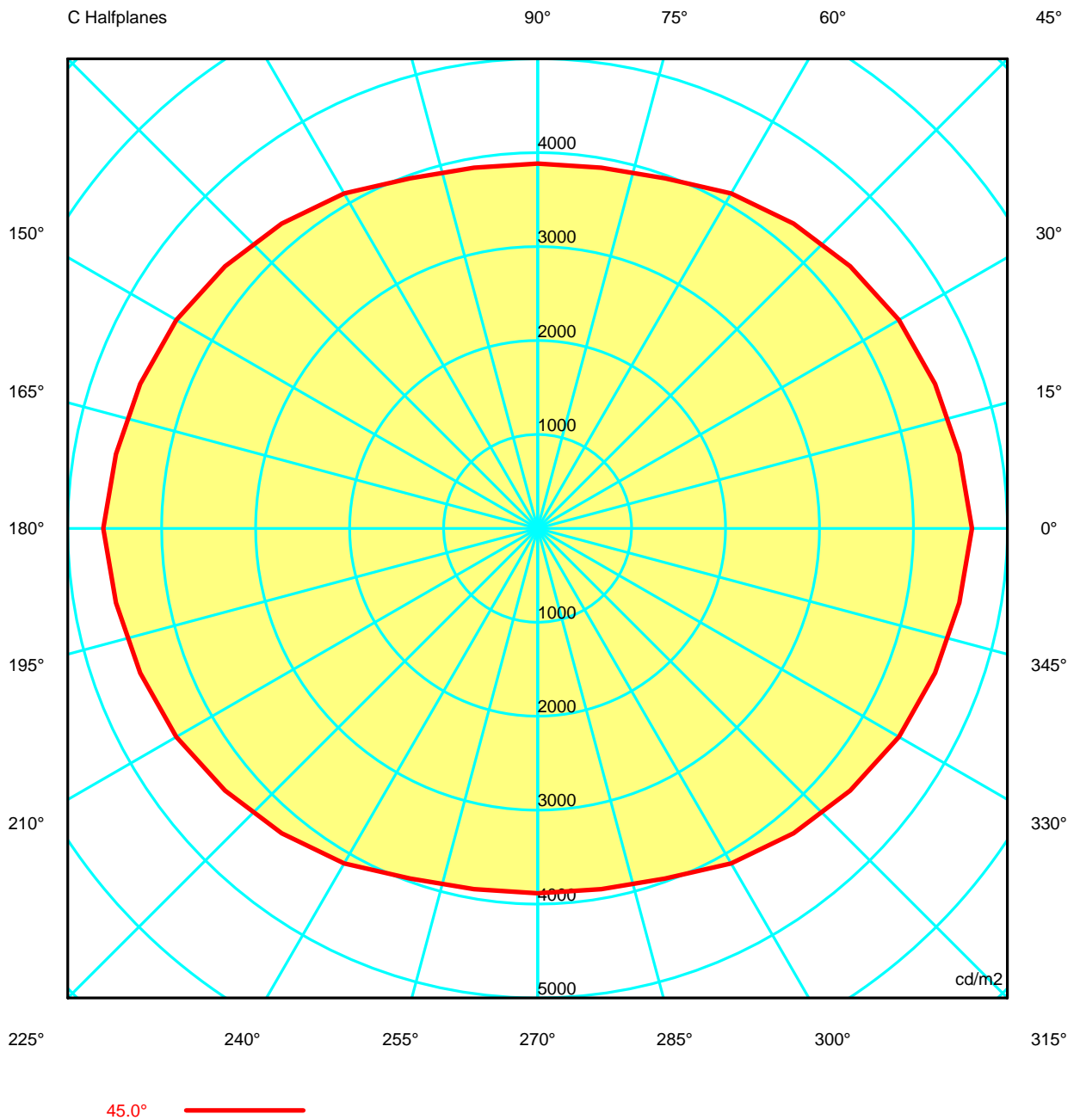
		Average Luminance [cd/m ²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°		4622	4727	4909	5091	5383	5319	5292	4726	4280	---
90.0°		3885	3837	3875	3818	3881	3872	3701	3504	2801	---

Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300				1.15	
B	1		2000	1500	1000	750	500	<300			1.5	
C					2000		1000	500	<300		1.85	
D	2						2000	1000	500	<300	2.2	
E	3							2000	1000	500	<300	2.55



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Luminance



Luminaire		Measur.		Lamp									
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Luminance cd/m2 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	C 100.00	C 110.00	C 120.00
G 0.0	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87
G 5.0	4804.22	4800.01	4792.91	4781.55	4767.02	4753.92	4740.88	4724.32	4718.37	4725.74	4718.37	4724.32	4740.88
G 10.0	4776.87	4744.49	4720.61	4697.44	4660.19	4628.95	4597.24	4544.00	4528.96	4566.38	4528.96	4544.00	4597.24
G 15.0	4645.37	4599.97	4565.86	4534.14	4487.37	4451.91	4418.96	4356.05	4328.22	4324.50	4328.22	4356.05	4418.96
G 20.0	4517.46	4445.83	4417.86	4404.72	4338.70	4279.92	4241.58	4181.59	4152.53	4170.01	4152.53	4181.59	4241.58
G 25.0	4386.52	4347.08	4324.55	4301.64	4243.90	4182.02	4129.02	4072.24	4032.30	4013.44	4032.30	4072.24	4129.02
G 30.0	4383.75	4332.60	4300.37	4268.20	4198.99	4129.80	4069.79	3997.83	3965.89	3956.82	3965.89	3997.83	4069.79
G 35.0	4396.47	4365.39	4334.30	4288.53	4210.81	4130.13	4051.80	3961.83	3918.38	3900.66	3918.38	3961.83	4051.80
G 40.0	4499.38	4454.74	4407.25	4347.86	4266.28	4171.33	4064.77	3950.08	3882.28	3868.65	3882.28	3950.08	4064.77
G 45.0	4621.74	4556.21	4501.03	4439.20	4341.66	4236.83	4119.06	3966.28	3900.56	3885.26	3900.56	3966.28	4119.06
G 50.0	4726.94	4667.28	4605.16	4532.91	4440.44	4327.90	4187.15	4018.56	3896.73	3837.42	3896.73	4018.56	4187.15
G 55.0	4908.80	4798.17	4739.90	4693.51	4566.26	4419.74	4262.76	4053.84	3914.16	3875.41	3914.16	4053.84	4262.76
G 60.0	5091.41	4979.57	4892.22	4807.85	4677.51	4523.05	4350.81	4149.02	3966.23	3817.59	3966.23	4149.02	4350.81
G 65.0	5382.76	5170.06	5038.87	4954.98	4809.19	4646.17	4466.59	4224.54	4018.03	3880.57	4018.03	4224.54	4466.59
G 70.0	5319.44	5187.31	5108.70	5036.70	4871.25	4692.13	4515.15	4279.52	4054.65	3871.60	4054.65	4279.52	4515.15
G 75.0	5291.72	4987.58	4856.68	4846.54	4743.48	4580.12	4407.23	4221.01	3984.88	3700.56	3984.88	4221.01	4407.23
G 80.0	4725.66	4450.67	4359.69	4343.59	4260.74	4165.50	4069.49	3889.40	3687.44	3504.48	3687.44	3889.40	4069.49
G 85.0	4280.08	3919.99	3677.90	3683.48	3964.49	4114.61	4068.77	3972.96	3647.89	2801.04	3647.89	3972.96	4068.77
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measuram.		Lamp									
Code	05-2233-14-14	Code	15-2020-14-14	Code	15-2020-14-14								
Name	Aplique 1 led 9W	Name	Aplique led 9W	Number	1								
Line	- LEDS C4 LEDS	Date	14-11-2013	Position	Universal								
Efficiency	100.00%	Coordinate system	CG	Total Flux	671.00 lm								
Luminance cd/m2 Table 2/3													
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87
G 5.0	4753.92	4767.02	4781.55	4792.91	4800.01	4804.22	4800.01	4792.91	4781.55	4767.02	4753.92	4740.88	4724.32
G 10.0	4628.95	4660.19	4697.44	4720.61	4744.49	4776.87	4744.49	4720.61	4697.44	4660.19	4628.95	4597.24	4544.00
G 15.0	4451.91	4487.37	4534.14	4565.86	4599.97	4645.37	4599.97	4565.86	4534.14	4487.37	4451.91	4418.96	4356.05
G 20.0	4279.92	4338.70	4404.72	4417.86	4445.83	4517.46	4445.83	4417.86	4404.72	4338.70	4279.92	4241.58	4181.59
G 25.0	4182.02	4243.90	4301.64	4324.55	4347.08	4386.52	4347.08	4324.55	4301.64	4243.90	4182.02	4129.02	4072.24
G 30.0	4129.80	4198.99	4268.20	4300.37	4332.60	4383.75	4332.60	4300.37	4268.20	4198.99	4129.80	4069.79	3997.83
G 35.0	4130.13	4210.81	4288.53	4334.30	4365.39	4396.47	4365.39	4334.30	4288.53	4210.81	4130.13	4051.80	3961.83
G 40.0	4171.33	4266.28	4347.86	4407.25	4454.74	4499.38	4454.74	4407.25	4347.86	4266.28	4171.33	4064.77	3950.08
G 45.0	4236.83	4341.66	4439.20	4501.03	4556.21	4621.74	4556.21	4501.03	4439.20	4341.66	4236.83	4119.06	3966.28
G 50.0	4327.90	4440.44	4532.91	4605.16	4667.28	4726.94	4667.28	4605.16	4532.91	4440.44	4327.90	4187.15	4018.56
G 55.0	4419.74	4566.26	4693.51	4739.90	4798.17	4908.80	4798.17	4739.90	4693.51	4566.26	4419.74	4262.76	4053.84
G 60.0	4523.05	4677.51	4807.85	4892.22	4979.57	5091.41	4979.57	4892.22	4807.85	4677.51	4523.05	4350.81	4149.02
G 65.0	4646.17	4809.19	4954.98	5038.87	5170.06	5382.76	5170.06	5038.87	4954.98	4809.19	4646.17	4466.59	4224.54
G 70.0	4692.13	4871.25	5036.70	5108.70	5187.31	5319.44	5187.31	5108.70	5036.70	4871.25	4692.13	4515.15	4279.52
G 75.0	4580.12	4743.48	4846.54	4856.68	4987.58	5291.72	4987.58	4856.68	4846.54	4743.48	4580.12	4407.23	4221.01
G 80.0	4165.50	4260.74	4343.59	4359.69	4450.67	4725.66	4450.67	4359.69	4343.59	4260.74	4165.50	4069.49	3889.40
G 85.0	4114.61	3964.49	3683.48	3677.90	3919.99	4280.08	3919.99	3677.90	3683.48	3964.49	4114.61	4068.77	3972.96
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measur.		Lamp									
Code	05-2233-14-14	Code	15-2020-14-14	Code	15-2020-14-14								
Name	Aplique 1 led 9W	Name	Aplique led 9W	Number	1								
Line	- LEDS C4 LEDS	Date	14-11-2013	Position	Universal								
Efficiency	100.00%	Coordinate system	CG	Total Flux	671.00 lm								
Luminance cd/m2 Table 3/3													
	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00
G 0.0	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87	4793.87
G 5.0	4804.22	4800.01	4792.91	4781.55	4767.02	4753.92	4740.88	4724.32	4718.37	4725.74	4718.37	4724.32	4740.88
G 10.0	4776.87	4744.49	4720.61	4697.44	4660.19	4628.95	4597.24	4544.00	4528.96	4566.38	4528.96	4544.00	4597.24
G 15.0	4645.37	4599.97	4565.86	4534.14	4487.37	4451.91	4418.96	4356.05	4328.22	4324.50	4328.22	4356.05	4418.96
G 20.0	4517.46	4445.83	4417.86	4404.72	4338.70	4279.92	4241.58	4181.59	4152.53	4170.01	4152.53	4181.59	4241.58
G 25.0	4386.52	4347.08	4324.55	4301.64	4243.90	4182.02	4129.02	4072.24	4032.30	4013.44	4032.30	4072.24	4129.02
G 30.0	4383.75	4332.60	4300.37	4268.20	4198.99	4129.80	4069.79	3997.83	3965.89	3956.82	3965.89	3997.83	4069.79
G 35.0	4396.47	4365.39	4334.30	4288.53	4210.81	4130.13	4051.80	3961.83	3918.38	3900.66	3918.38	3961.83	4051.80
G 40.0	4499.38	4454.74	4407.25	4347.86	4266.28	4171.33	4064.77	3950.08	3882.28	3868.65	3882.28	3950.08	4064.77
G 45.0	4621.74	4556.21	4501.03	4439.20	4341.66	4236.83	4119.06	3966.28	3900.56	3885.26	3900.56	3966.28	4119.06
G 50.0	4726.94	4667.28	4605.16	4532.91	4440.44	4327.90	4187.15	4018.56	3896.73	3837.42	3896.73	4018.56	4187.15
G 55.0	4908.80	4798.17	4739.90	4693.51	4566.26	4419.74	4262.76	4053.84	3914.16	3875.41	3914.16	4053.84	4262.76
G 60.0	5091.41	4979.57	4892.22	4807.85	4677.51	4523.05	4350.81	4149.02	3966.23	3817.59	3966.23	4149.02	4350.81
G 65.0	5382.76	5170.06	5038.87	4954.98	4809.19	4646.17	4466.59	4224.54	4018.03	3880.57	4018.03	4224.54	4466.59
G 70.0	5319.44	5187.31	5108.70	5036.70	4871.25	4692.13	4515.15	4279.52	4054.65	3871.60	4054.65	4279.52	4515.15
G 75.0	5291.72	4987.58	4856.68	4846.54	4743.48	4580.12	4407.23	4221.01	3984.88	3700.56	3984.88	4221.01	4407.23
G 80.0	4725.66	4450.67	4359.69	4343.59	4260.74	4165.50	4069.49	3889.40	3687.44	3504.48	3687.44	3889.40	4069.49
G 85.0	4280.08	3919.99	3677.90	3683.48	3964.49	4114.61	4068.77	3972.96	3647.89	2801.04	3647.89	3972.96	4068.77
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00