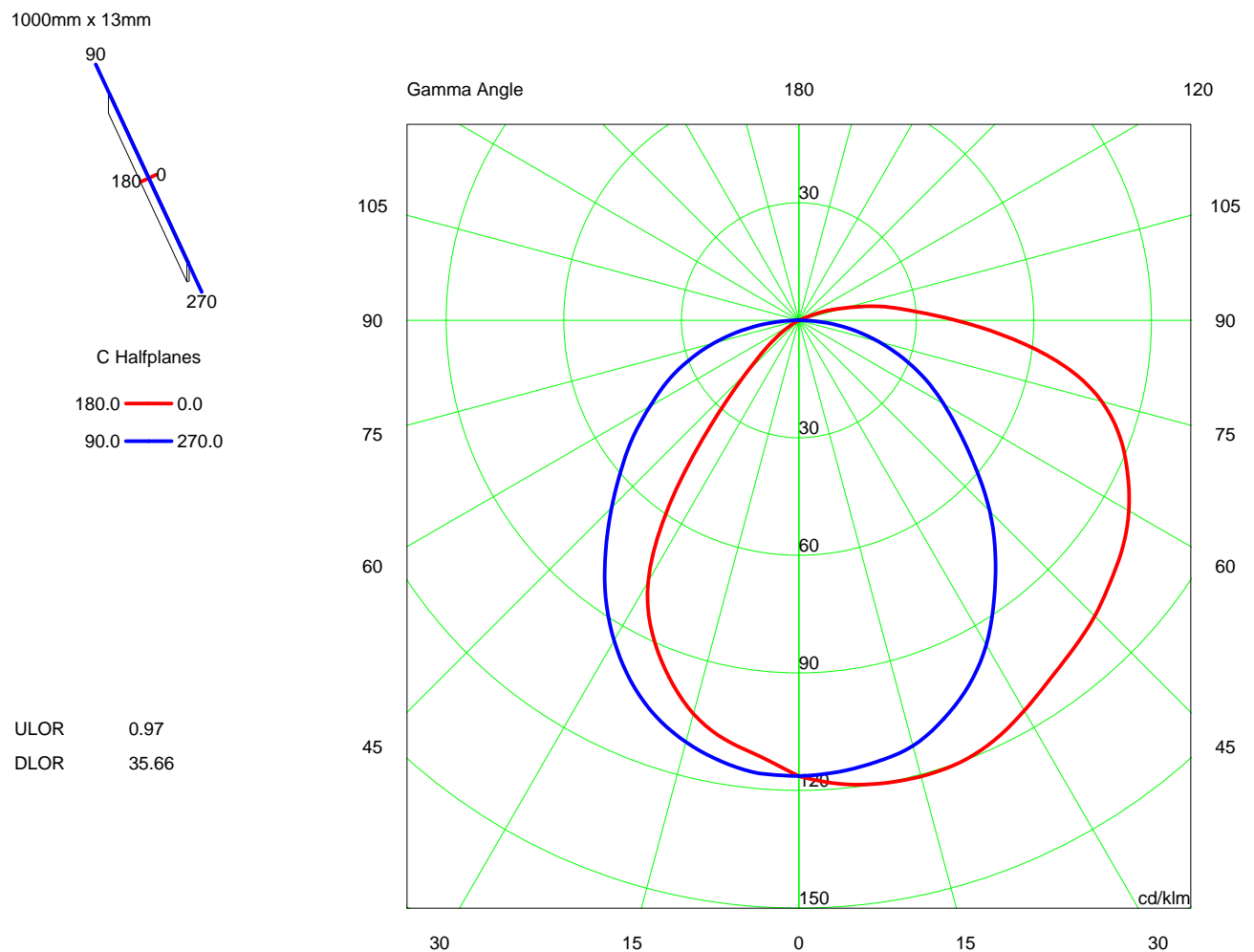


Luminaire		Measurement			Lamp	
Code	LAVX 3W FR	Code	CLF1414/05-16I	Code	XENON 3W OP 12V	
Name	LAVX-1000 IP20 17x12V3W FR	Name	LAVX-1000 IP20 17x12V5WFROSTED	Number	17	
Line	AGABEKOV	Date	11-03-2005	Position	-	
Efficiency	36.63%	Coordinate system	C-G	Total Flux	454.24 lm	
Maximum value	122.60 cd/klm	Position	C=315.00 G=15.00			
Rectangular Luminaire	Length	1000 mm	Width	13 mm	Height	28 mm
Rectangular Luminous Area	Length	1000 mm	Width	10 mm	Height	25
Horizontal Luminous Area	0.010000 m2	Emitting area on Plane 180°		0.025000 m2		
Emitting area on Plane 0°	0.025000 m2	Emitting area on Plane 270°		0.000250 m2		
Emitting area on Plane 90°	0.000250 m2	Glare area at 76°		0.026677 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle	180			
Measurement Distance	6.10	Measurement Flux	722.33 lm			
Operator	AC	Source Voltage	230.00 V			
Temperature	25.00 °C	Source Current	0.00 A			
Humidity	60.00 %	Photocell	LMT			
Notes	XENON 12V 5W FROSTED					

Luminaire Lamps						
Line	Code	Name	Flux[lm]	Pow.[w]	Qta	
AGABEKOV	XENON 3W OP 12V	XENON RIGID LOOP LAMP 3W OP	26.72	3.0	17	
C.I.E.	5/5/5/6/6/6/6/6/6/6/6/6/6/6	D DIN 5040	A31			
F UTE	0.36 G + 0.01 T	B NBN	BZ 5			



Luminaire		Measurement		Lamp	
Code	LAVX 3W FR	Code	CLF1414/05-161	Code	XENON 3W OP 12V
Name	LAVX-1000 IP20 17x12V3W FR	Name	LAVX-1000 IP20 17x12V5WFROSTED	Number	17
Line	AGABEKOV	Date	11-03-2005	Position	-

Efficiency	36.63%	Coordinate system	C-G	Total Flux	454.24 lm
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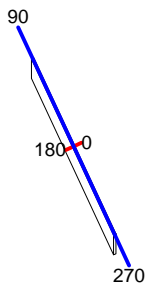
	Luminous Intensity Table cd/klm Table 1/1											
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29
G 5.0	118.72	117.56	117.16	115.99	115.84	115.64	116.04	115.59	115.49	115.89	115.94	115.69
G 10.0	120.02	117.51	116.70	114.83	114.47	114.14	114.27	114.32	113.42	114.13	113.42	113.34
G 15.0	120.48	116.24	114.77	112.62	112.05	111.44	111.39	111.39	110.25	111.26	110.74	110.74
G 20.0	120.07	114.11	112.17	109.19	108.26	107.33	107.30	107.40	106.26	106.92	106.56	106.89
G 25.0	118.16	111.37	109.12	104.81	103.20	101.37	101.54	101.64	100.62	102.09	103.33	103.33
G 30.0	115.00	107.87	104.75	99.92	97.28	94.51	94.31	95.08	93.96	96.49	99.34	99.78
G 35.0	111.75	105.94	101.44	95.64	90.05	86.49	86.02	86.34	87.46	90.95	93.79	93.88
G 40.0	109.16	103.76	98.44	90.19	82.16	77.38	76.72	76.64	79.34	83.39	86.22	86.22
G 45.0	106.73	100.30	94.17	84.40	74.38	68.36	67.57	67.49	70.52	73.92	76.94	76.76
G 50.0	103.79	96.75	89.13	77.85	67.55	59.75	59.18	59.46	60.89	63.24	65.29	62.35
G 55.0	100.89	93.00	84.14	70.64	60.07	51.64	51.55	51.53	50.81	50.79	48.69	40.73
G 60.0	97.22	88.83	78.29	63.54	52.13	44.02	43.87	44.41	40.03	36.58	28.91	22.72
G 65.0	92.57	84.21	72.29	55.93	44.80	37.96	37.15	36.17	29.59	22.52	16.09	12.26
G 70.0	87.20	77.67	64.86	48.52	37.67	32.00	29.97	27.13	19.31	12.04	8.38	6.05
G 75.0	80.01	68.58	55.25	40.21	30.84	25.19	22.49	17.98	10.49	5.44	3.03	1.85
G 80.0	69.42	56.19	43.09	31.54	24.17	18.43	14.66	9.04	3.93	0.96	0.35	0.15
G 85.0	54.79	42.49	31.24	23.33	17.60	12.32	7.03	2.17	0.30	0.15	0.10	0.10
G 90.0	40.06	30.56	22.38	16.28	11.63	6.61	1.06	0.30	0.20	0.15	0.15	0.10
G 95.0	28.53	21.73	15.31	10.63	6.22	0.50	0.56	0.25	0.20	0.15	0.15	0.10
G100.0	20.57	15.43	10.07	5.74	0.51	0.40	0.51	0.25	0.20	0.15	0.15	0.10
G105.0	12.15	6.04	0.36	0.40	0.46	0.40	0.45	0.20	0.20	0.15	0.15	0.10
G110.0	6.07	3.02	0.18	0.20	0.23	0.20	0.23	0.10	0.10	0.08	0.08	0.05
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	C 180.00	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29
G 5.0	111.78	112.80	113.48	118.70	117.61	116.76	115.66	115.05	111.21	119.10	119.03	119.34
G 10.0	108.61	109.50	110.32	119.63	117.33	116.24	114.38	114.40	108.90	121.02	120.87	121.25
G 15.0	103.95	106.45	107.56	120.77	116.51	115.02	112.40	110.72	109.06	122.60	121.71	121.46
G 20.0	96.91	102.00	103.90	120.83	115.42	111.95	108.17	106.55	105.55	121.91	120.82	120.79
G 25.0	88.39	95.15	98.93	119.63	112.69	107.89	102.71	101.14	100.56	119.99	118.68	118.88
G 30.0	76.89	87.01	92.35	117.33	108.48	102.27	95.63	94.69	94.22	117.03	115.25	116.09
G 35.0	57.85	75.91	84.37	113.89	102.91	94.68	86.86	86.25	87.04	113.29	111.23	112.78
G 40.0	35.00	57.22	74.23	109.09	96.51	86.05	77.97	76.77	78.44	107.68	106.80	110.30
G 45.0	18.99	34.23	59.98	103.14	89.24	76.83	68.86	67.08	69.42	100.69	103.07	107.46
G 50.0	10.56	18.34	40.45	95.66	81.43	68.32	59.05	57.66	59.93	94.58	98.75	103.95
G 55.0	5.06	9.80	23.54	87.63	73.67	59.97	50.16	48.84	50.81	88.97	94.33	100.64
G 60.0	1.34	4.45	13.30	80.37	66.02	53.25	42.67	40.61	41.53	83.60	89.21	96.97
G 65.0	0.35	0.95	7.28	73.05	58.48	46.47	35.65	33.13	32.72	17.72	82.95	92.43
G 70.0	0.20	0.20	4.12	63.33	51.59	39.87	28.33	25.61	24.70	12.01	77.53	87.21
G 75.0	0.10	0.10	1.20	52.14	43.67	33.96	21.13	19.38	17.41	6.70	71.22	81.06
G 80.0	0.10	0.10	0.10	39.31	33.01	26.13	13.93	12.56	10.75	2.07	63.76	72.02
G 85.0	0.10	0.10	0.10	25.01	21.75	19.24	6.85	6.06	4.88	0.44	53.82	59.67
G 90.0	0.15	0.15	0.10	12.89	10.60	8.05	0.52	0.60	0.94	0.10	41.85	44.84
G 95.0	0.15	0.15	0.10	5.08	2.51	0.17	0.12	0.05	0.10	0.10	30.22	32.44
G100.0	0.15	0.15	0.10	0.05	0.05	0.06	0.12	0.11	0.10	0.10	22.02	23.61
G105.0	0.15	0.15	0.10	0.05	0.05	0.06	0.12	0.11	0.10	0.15	1.54	7.54
G110.0	0.07	0.07	0.05	0.03	0.03	0.03	0.06	0.05	0.05	0.07	0.77	3.77
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measurement		Lamp		
Code	LAVX 3W FR 24	Code	CLF1414/05-16I	Code	XENON 3W OP 24V	
Name	LAVX-1000 IP20 17x24V3W FR	Name	LAVX-1000 IP20 17x12V5WFROSTED	Number	17	
Line	AGABEKOV	Date	11-03-2005	Position	-	
Efficiency	36.63%	Coordinate system	C-G	Total Flux	206.72 lm	
Maximum value	122.60 cd/klm	Position	C=315.00 G=15.00			
Rectangular Luminaire	Length	1000 mm	Width	13 mm	Height	28 mm
Rectangular Luminous Area	Length	1000 mm	Width	10 mm	Height	25
Horizontal Luminous Area	0.010000 m2	Emitting area on Plane 180°		0.025000 m2		
Emitting area on Plane 0°	0.025000 m2	Emitting area on Plane 270°		0.000250 m2		
Emitting area on Plane 90°	0.000250 m2	Glare area at 76°		0.026677 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle		180		
Measurement Distance	6.10	Measurement Flux		722.33 lm		
Operator	AC	Source Voltage		230.00 V		
Temperature	25.00 °C	Source Current		0.00 A		
Humidity	60.00 %	Photocell		LMT		
Notes	XENON 12V 5W FROSTED					

Luminaire Lamps						
Line	Code	Name	Flux[lm]	Pow.[w]	Qta	
AGABEKOV	XENON 3W OP 24V	XENON RIGID LOOP LAMP 3W OP	12.16	3.0	17	
C.I.E.	5/5/5/6/6/6/6/6/6/6/6	D DIN 5040	A31			
F UTE	0.36 G + 0.01 T	B NBN	BZ 5			

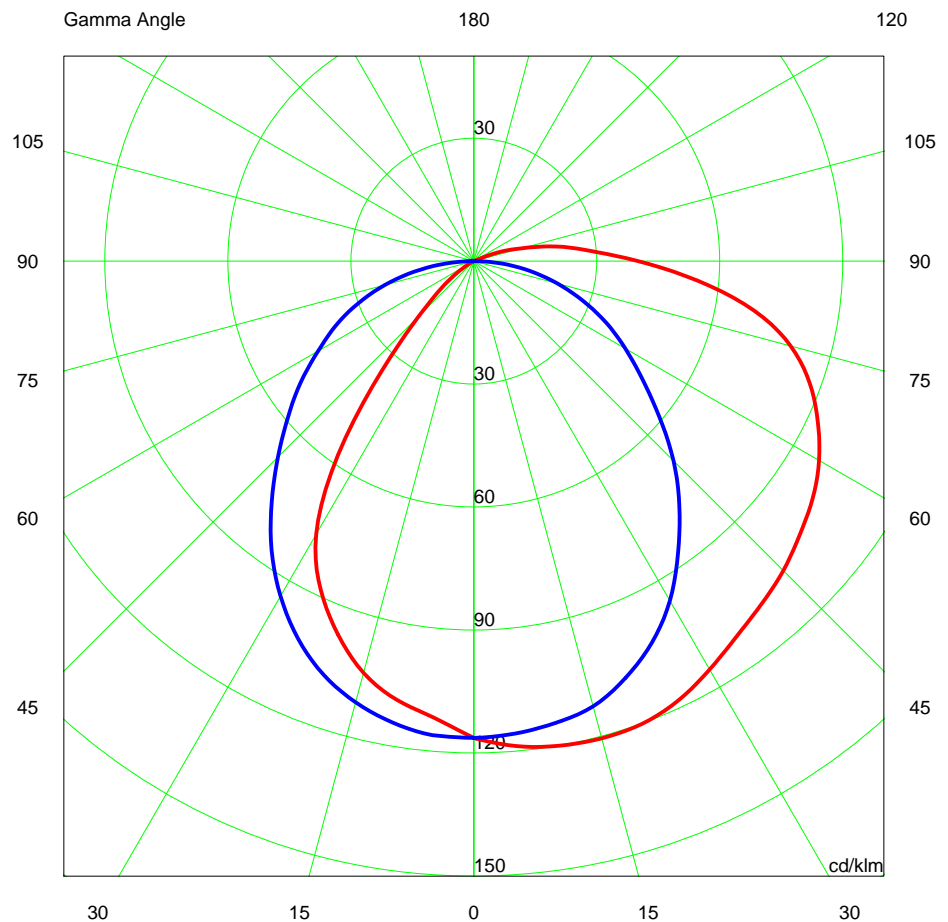
1000mm x 13mm



C Halfplanes

180.0 — 0.0
90.0 — 270.0

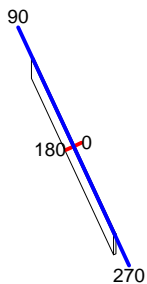
ULOR 0.97
DLOR 35.66



Luminaire		Measurement		Lamp		
Code	LAVX 5W FR	Code	CLF1414/05-16I	Code	XENON 5W OP 12V	
Name	LAVX-1000 IP20 17x12V5W FR	Name	LAVX-1000 IP20 17x12V5WFROSTED	Number	17	
Line	AGABEKOV	Date	11-03-2005	Position	-	
Efficiency	36.63%	Coordinate system	C-G	Total Flux	722.33 lm	
Maximum value	122.60 cd/klm	Position	C=315.00 G=15.00			
Rectangular Luminaire	Length	1000 mm	Width	13 mm	Height	28 mm
Rectangular Luminous Area	Length	1000 mm	Width	10 mm	Height	25
Horizontal Luminous Area	0.010000 m2		Emitting area on Plane 180°	0.025000 m2		
Emitting area on Plane 0°	0.025000 m2		Emitting area on Plane 270°	0.000250 m2		
Emitting area on Plane 90°	0.000250 m2		Glare area at 76°	0.026677 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle	180			
Measurement Distance	6.10	Measurement Flux	722.33 lm			
Operator	AC	Source Voltage	230.00 V			
Temperature	25.00 °C	Source Current	0.00 A			
Humidity	60.00 %	Photocell	LMT			
Notes	XENON 12V 5W FROSTED					

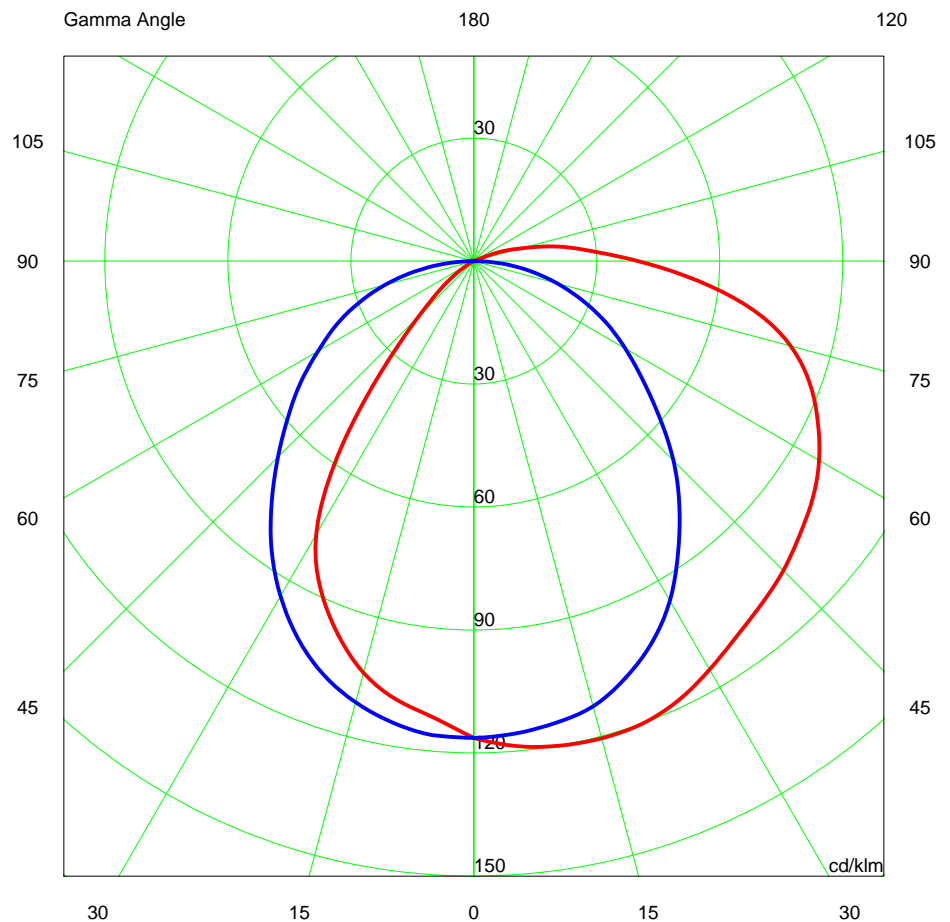
Luminaire Lamps						
Line	Code	Name	Flux[lm]	Pow.[w]	Qta	
AGABEKOV	XENON 5W OP 12V	XENON RIGID LOOP LAMP 5W OP	42.49	5.0	17	
C.I.E.	5/5/5/6/6/6/6/6/6/6/6/6/6/6	D DIN 5040	A31			
F UTE	0.36 G + 0.01 T	B NBN	BZ 5			

1000mm x 13mm



C Halfplanes
 180.0 — 0.0
 90.0 — 270.0

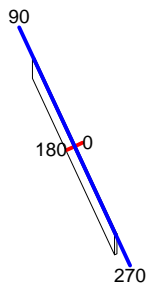
ULOR 0.97
 DLOR 35.66



Luminaire		Measurement			Lamp		
Code	LAVX 5W FR 24	Code	CLF1414/05-16I		Code	XENON 5W OP 24V	
Name	LAVX-1000 IP20 17x24V3W FR	Name	LAVX-1000 IP20 17x12V5WFROSTED			Number	17
Line	AGABEKOV	Date	11-03-2005			Position	-
Efficiency	36.63%	Coordinate system	C-G		Total Flux	592.62 lm	
Maximum value	122.60 cd/klm	Position	C=315.00 G=15.00				
Rectangular Luminaire	Length	1000 mm	Width	13 mm	Height	28 mm	
Rectangular Luminous Area	Length	1000 mm	Width	10 mm	Height	25	
Horizontal Luminous Area	0.010000 m2		Emitting area on Plane 180°		0.025000 m2		
Emitting area on Plane 0°	0.025000 m2		Emitting area on Plane 270°		0.000250 m2		
Emitting area on Plane 90°	0.000250 m2		Glare area at 76°		0.026677 m2		
Symmetry Type	Asymmetrical		Maximum Gamma Angle		180		
Measurement Distance	6.10		Measurement Flux		722.33 lm		
Operator	AC		Source Voltage		230.00 V		
Temperature	25.00 °C		Source Current		0.00 A		
Humidity	60.00 %		Photocell		LMT		
Notes	XENON 12V 5W FROSTED						

Luminaire Lamps						
Line	Code	Name	Flux[lm]	Pow.[w]	Qta	
AGABEKOV	XENON 5W OP 24V	XENON RIGID LOOP LAMP 5W OP	34.86	5.0	17	
C.I.E.	5/5/5/6/6/6/6/6/6/6/6/6/6/6	D DIN 5040	A31			
F UTE	0.36 G + 0.01 T	B NBN	BZ 5			

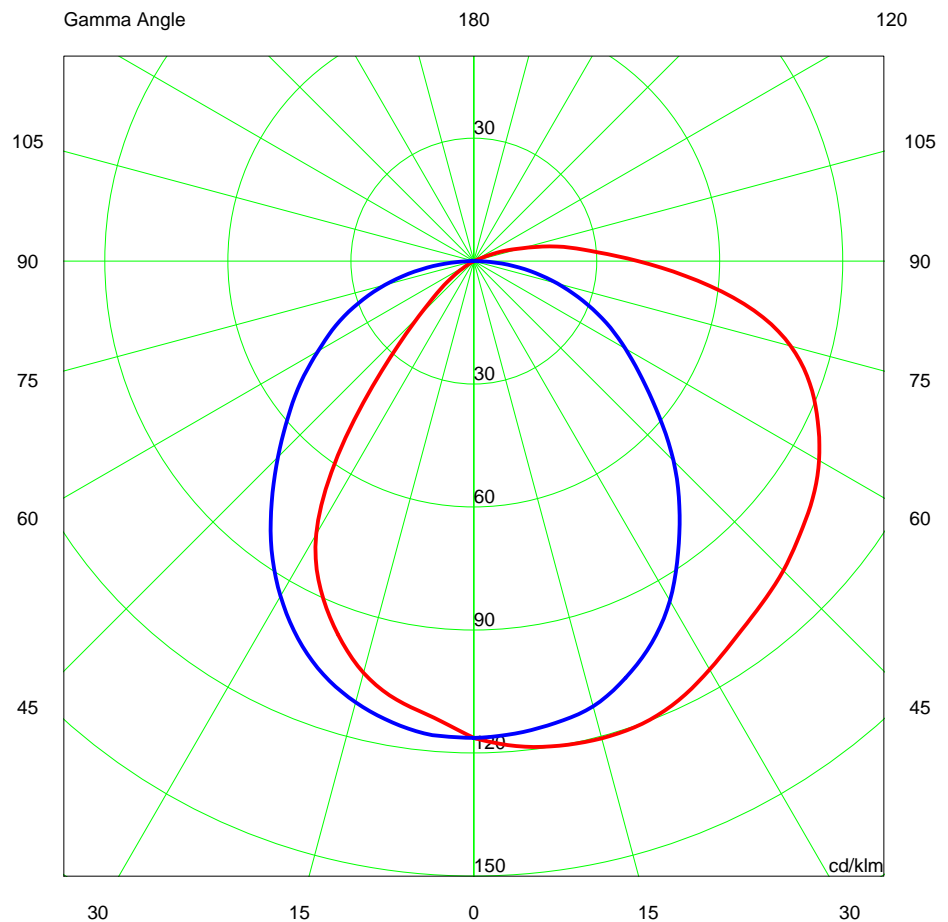
1000mm x 13mm



C Halfplanes

180.0 — 0.0
90.0 — 270.0

ULOR 0.97
DLOR 35.66



Luminaire		Measurement		Lamp	
Code	LAVX 8.5W FR	Code	CLF1414/05-161	Code	XENON 8.5W OP 12V
Name	LAVX-1000 IP20 17x12V8.5W FR	Name	LAVX-1000 IP20 17x12V5WFROSTED	Number	17
Line	AGABEKOV	Date	11-03-2005	Position	-

Efficiency	36.63%	Coordinate system	C-G	Total Flux	964.92 lm
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Luminous Intensity Table cd/klm Table 1/1

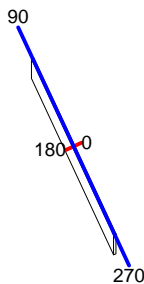
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29
G 5.0	118.72	117.56	117.16	115.99	115.84	115.64	116.04	115.59	115.49	115.89	115.94	115.69
G 10.0	120.02	117.51	116.70	114.83	114.47	114.14	114.27	114.32	113.42	114.13	113.42	113.34
G 15.0	120.48	116.24	114.77	112.62	112.05	111.44	111.39	111.39	110.25	111.26	110.74	110.74
G 20.0	120.07	114.11	112.17	109.19	108.26	107.33	107.30	107.40	106.26	106.92	106.56	106.89
G 25.0	118.16	111.37	109.12	104.81	103.20	101.37	101.54	101.64	100.62	102.09	103.33	103.33
G 30.0	115.00	107.87	104.75	99.92	97.28	94.51	94.31	95.08	93.96	96.49	99.34	99.78
G 35.0	111.75	105.94	101.44	95.64	90.05	86.49	86.02	86.34	87.46	90.95	93.79	93.88
G 40.0	109.16	103.76	98.44	90.19	82.16	77.38	76.72	76.64	79.34	83.39	86.22	86.22
G 45.0	106.73	100.30	94.17	84.40	74.38	68.36	67.57	67.49	70.52	73.92	76.94	76.76
G 50.0	103.79	96.75	89.13	77.85	67.55	59.75	59.18	59.46	60.89	63.24	65.29	62.35
G 55.0	100.89	93.00	84.14	70.64	60.07	51.64	51.55	51.53	50.81	50.79	48.69	40.73
G 60.0	97.22	88.83	78.29	63.54	52.13	44.02	43.87	44.41	40.03	36.58	28.91	22.72
G 65.0	92.57	84.21	72.29	55.93	44.80	37.96	37.15	36.17	29.59	22.52	16.09	12.26
G 70.0	87.20	77.67	64.86	48.52	37.67	32.00	29.97	27.13	19.31	12.04	8.38	6.05
G 75.0	80.01	68.58	55.25	40.21	30.84	25.19	22.49	17.98	10.49	5.44	3.03	1.85
G 80.0	69.42	56.19	43.09	31.54	24.17	18.43	14.66	9.04	3.93	0.96	0.35	0.15
G 85.0	54.79	42.49	31.24	23.33	17.60	12.32	7.03	2.17	0.30	0.15	0.10	0.10
G 90.0	40.06	30.56	22.38	16.28	11.63	6.61	1.06	0.30	0.20	0.15	0.15	0.10
G 95.0	28.53	21.73	15.31	10.63	6.22	0.50	0.56	0.25	0.20	0.15	0.15	0.10
G100.0	20.57	15.43	10.07	5.74	0.51	0.40	0.51	0.25	0.20	0.15	0.15	0.10
G105.0	12.15	6.04	0.36	0.40	0.46	0.40	0.45	0.20	0.20	0.15	0.15	0.10
G110.0	6.07	3.02	0.18	0.20	0.23	0.20	0.23	0.10	0.10	0.08	0.08	0.05
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	C 180.00	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29
G 5.0	111.78	112.80	113.48	118.70	117.61	116.76	115.66	115.05	111.21	119.10	119.03	119.34
G 10.0	108.61	109.50	110.32	119.63	117.33	116.24	114.38	114.40	108.90	121.02	120.87	121.25
G 15.0	103.95	106.45	107.56	120.77	116.51	115.02	112.40	110.72	109.06	122.60	121.71	121.46
G 20.0	96.91	102.00	103.90	120.83	115.42	111.95	108.17	106.55	105.55	121.91	120.82	120.79
G 25.0	88.39	95.15	98.93	119.63	112.69	107.89	102.71	101.14	100.56	119.99	118.68	118.88
G 30.0	76.89	87.01	92.35	117.33	108.48	102.27	95.63	94.69	94.22	117.03	115.25	116.09
G 35.0	57.85	75.91	84.37	113.89	102.91	94.68	86.86	86.25	87.04	113.29	111.23	112.78
G 40.0	35.00	57.22	74.23	109.09	96.51	86.05	77.97	76.77	78.44	107.68	106.80	110.30
G 45.0	18.99	34.23	59.98	103.14	89.24	76.83	68.86	67.08	69.42	100.69	103.07	107.46
G 50.0	10.56	18.34	40.45	95.66	81.43	68.32	59.05	57.66	59.93	94.58	98.75	103.95
G 55.0	5.06	9.80	23.54	87.63	73.67	59.97	50.16	48.84	50.81	88.97	94.33	100.64
G 60.0	1.34	4.45	13.30	80.37	66.02	53.25	42.67	40.61	41.53	83.60	89.21	96.97
G 65.0	0.35	0.95	7.28	73.05	58.48	46.47	35.65	33.13	32.72	17.72	82.95	92.43
G 70.0	0.20	0.20	4.12	63.33	51.59	39.87	28.33	25.61	24.70	12.01	77.53	87.21
G 75.0	0.10	0.10	1.20	52.14	43.67	33.96	21.13	19.38	17.41	6.70	71.22	81.06
G 80.0	0.10	0.10	0.10	39.31	33.01	26.13	13.93	12.56	10.75	2.07	63.76	72.02
G 85.0	0.10	0.15	0.10	25.01	21.75	19.24	6.85	6.06	4.88	0.44	53.82	59.67
G 90.0	0.15	0.15	0.10	12.89	10.60	8.05	0.52	0.60	0.94	0.10	41.85	44.84
G 95.0	0.15	0.15	0.10	5.08	2.51	0.17	0.12	0.05	0.10	0.10	30.22	32.44
G100.0	0.15	0.15	0.10	0.05	0.05	0.06	0.12	0.11	0.10	0.10	22.02	23.61
G105.0	0.15	0.15	0.10	0.05	0.05	0.06	0.12	0.11	0.10	0.15	1.54	7.54
G110.0	0.07	0.07	0.05	0.03	0.03	0.03	0.06	0.05	0.05	0.07	0.77	3.77
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measurement			Lamp	
Code	LAVX 8.5W FR 24	Code	CLF1414/05-16I	Code	XENON 8.5W OP 24V	
Name	LAVX-1000 IP20 17x24V8.5W FR	Name	LAVX-1000 IP20 17x12V5WFROSTED	Number	17	
Line	AGABEKOV	Date	11-03-2005	Position	-	
Efficiency	36.63%	Coordinate system	C-G	Total Flux	1185.07 lm	
Maximum value	122.60 cd/klm	Position	C=315.00 G=15.00			
Rectangular Luminaire	Length	1000 mm	Width	13 mm	Height	28 mm
Rectangular Luminous Area	Length	1000 mm	Width	10 mm	Height	25
Horizontal Luminous Area	0.010000 m2		Emitting area on Plane 180°		0.025000 m2	
Emitting area on Plane 0°	0.025000 m2		Emitting area on Plane 270°		0.000250 m2	
Emitting area on Plane 90°	0.000250 m2		Glare area at 76°		0.026677 m2	
Symmetry Type	Asymmetrical		Maximum Gamma Angle		180	
Measurement Distance	6.10		Measurement Flux		722.33 lm	
Operator	AC		Source Voltage		230.00 V	
Temperature	25.00 °C		Source Current		0.00 A	
Humidity	60.00 %		Photocell		LMT	
Notes	XENON 12V 5W FROSTED					

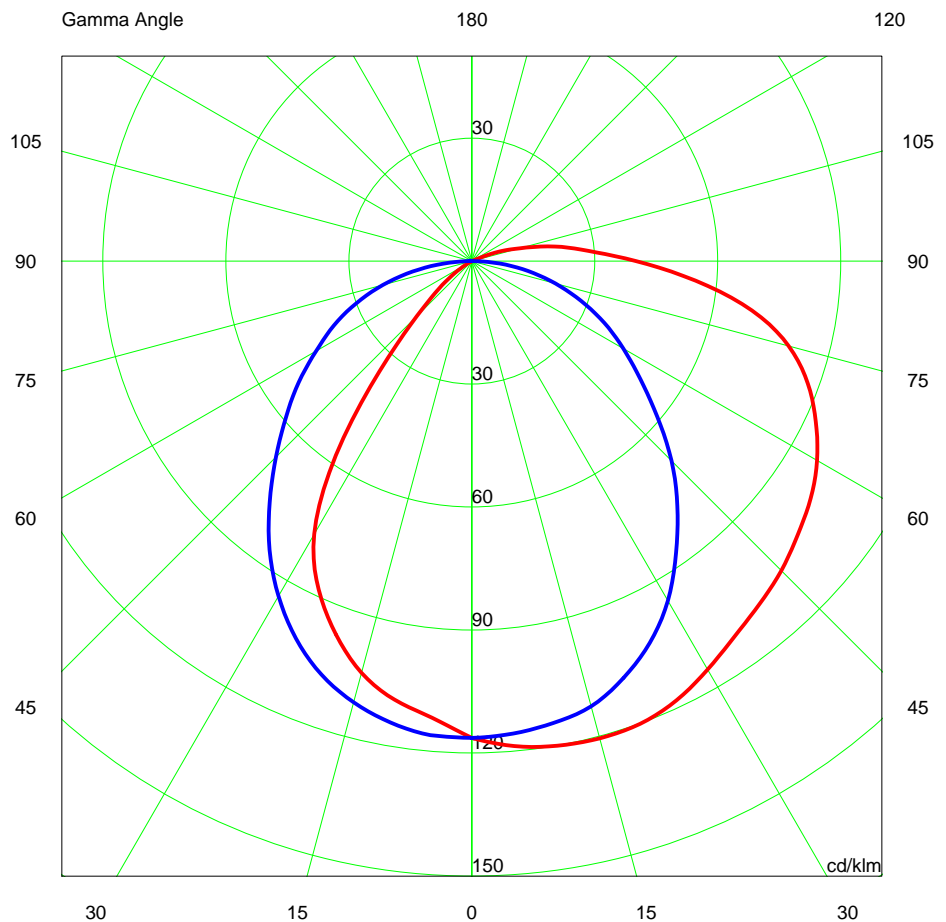
Line	Luminaire Lamps				Flux[lm]	Pow.[w]	Qta
	Code	Name					
AGABEKOV	XENON 8.5W OP 24V	XENON RIGID LOOP LAMP 8.5W OP			69.71	8.0	17
C.I.E.	5/5/5/6/6/6/6/6/6/6/6/6		D DIN 5040	A31			
F UTE	0.36 G + 0.01 T		B NBN	BZ 5			

1000mm x 13mm



C Halfplanes
 180.0 — 0.0
 90.0 — 270.0

ULOR 0.97
 DLOR 35.66



Luminaire		Measurement		Lamp	
Code	LAVX 8.5W FR 24	Code	CLF1414/05-16I	Code	XENON 8.5W OP 24V
Name	LAVX-1000 IP20 17x24V8.5W FR	Name	LAVX-1000 IP20 17x12V5WFROSTED	Number	17
Line	AGABEKOV	Date	11-03-2005	Position	-

Efficiency	36.63%	Coordinate system	C-G	Total Flux	1185.07 lm
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Luminous Intensity Table cd/klm Table 1/1												
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29
G 5.0	118.72	117.56	117.16	115.99	115.84	115.64	116.04	115.59	115.49	115.89	115.94	115.69
G 10.0	120.02	117.51	116.70	114.83	114.47	114.14	114.27	114.32	113.42	114.13	113.42	113.34
G 15.0	120.48	116.24	114.77	112.62	112.05	111.44	111.39	111.39	110.25	111.26	110.74	110.74
G 20.0	120.07	114.11	112.17	109.19	108.26	107.33	107.30	107.40	106.26	106.92	106.56	106.89
G 25.0	118.16	111.37	109.12	104.81	103.20	101.37	101.54	101.64	100.62	102.09	103.33	103.33
G 30.0	115.00	107.87	104.75	99.92	97.28	94.51	94.31	95.08	93.96	96.49	99.34	99.78
G 35.0	111.75	105.94	101.44	95.64	90.05	86.49	86.02	86.34	87.46	90.95	93.79	93.88
G 40.0	109.16	103.76	98.44	90.19	82.16	77.38	76.72	76.64	79.34	83.39	86.22	86.22
G 45.0	106.73	100.30	94.17	84.40	74.38	68.36	67.57	67.49	70.52	73.92	76.94	76.76
G 50.0	103.79	96.75	89.13	77.85	67.55	59.75	59.18	59.46	60.89	63.24	65.29	62.35
G 55.0	100.89	93.00	84.14	70.64	60.07	51.64	51.55	51.53	50.81	50.79	48.69	40.73
G 60.0	97.22	88.83	78.29	63.54	52.13	44.02	43.87	44.41	40.03	36.58	28.91	22.72
G 65.0	92.57	84.21	72.29	55.93	44.80	37.96	37.15	36.17	29.59	22.52	16.09	12.26
G 70.0	87.20	77.67	64.86	48.52	37.67	32.00	29.97	27.13	19.31	12.04	8.38	6.05
G 75.0	80.01	68.58	55.25	40.21	30.84	25.19	22.49	17.98	10.49	5.44	3.03	1.85
G 80.0	69.42	56.19	43.09	31.54	24.17	18.43	14.66	9.04	3.93	0.96	0.35	0.15
G 85.0	54.79	42.49	31.24	23.33	17.60	12.32	7.03	2.17	0.30	0.15	0.10	0.10
G 90.0	40.06	30.56	22.38	16.28	11.63	6.61	1.06	0.30	0.20	0.15	0.15	0.10
G 95.0	28.53	21.73	15.31	10.63	6.22	0.50	0.56	0.25	0.20	0.15	0.15	0.10
G100.0	20.57	15.43	10.07	5.74	0.51	0.40	0.51	0.25	0.20	0.15	0.15	0.10
G105.0	12.15	6.04	0.36	0.40	0.46	0.40	0.45	0.20	0.20	0.15	0.15	0.10
G110.0	6.07	3.02	0.18	0.20	0.23	0.20	0.23	0.10	0.10	0.08	0.08	0.05
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	C 180.00	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29	116.29
G 5.0	111.78	112.80	113.48	118.70	117.61	116.76	115.66	115.05	111.21	119.10	119.03	119.34
G 10.0	108.61	109.50	110.32	119.63	117.33	116.24	114.38	114.40	108.90	121.02	120.87	121.25
G 15.0	103.95	106.45	107.56	120.77	116.51	115.02	112.40	110.72	109.06	122.60	121.71	121.46
G 20.0	96.91	102.00	103.90	120.83	115.42	111.95	108.17	106.55	105.55	121.91	120.82	120.79
G 25.0	88.39	95.15	98.93	119.63	112.69	107.89	102.71	101.14	100.56	119.99	118.68	118.88
G 30.0	76.89	87.01	92.35	117.33	108.48	102.27	95.63	94.69	94.22	117.03	115.25	116.09
G 35.0	57.85	75.91	84.37	113.89	102.91	94.68	86.86	86.25	87.04	113.29	111.23	112.78
G 40.0	35.00	57.22	74.23	109.09	96.51	86.05	77.97	76.77	78.44	107.68	106.80	110.30
G 45.0	18.99	34.23	59.98	103.14	89.24	76.83	68.86	67.08	69.42	100.69	103.07	107.46
G 50.0	10.56	18.34	40.45	95.66	81.43	68.32	59.05	57.66	59.93	94.58	98.75	103.95
G 55.0	5.06	9.80	23.54	87.63	73.67	59.97	50.16	48.84	50.81	88.97	94.33	100.64
G 60.0	1.34	4.45	13.30	80.37	66.02	53.25	42.67	40.61	41.53	83.60	89.21	96.97
G 65.0	0.35	0.95	7.28	73.05	58.48	46.47	35.65	33.13	32.72	17.72	82.95	92.43
G 70.0	0.20	0.20	4.12	63.33	51.59	39.87	28.33	25.61	24.70	12.01	77.53	87.21
G 75.0	0.10	0.10	1.20	52.14	43.67	33.96	21.13	19.38	17.41	6.70	71.22	81.06
G 80.0	0.10	0.10	0.10	39.31	33.01	26.13	13.93	12.56	10.75	2.07	63.76	72.02
G 85.0	0.10	0.15	0.10	25.01	21.75	19.24	6.85	6.06	4.88	0.44	53.82	59.67
G 90.0	0.15	0.15	0.10	12.89	10.60	8.05	0.52	0.60	0.94	0.10	41.85	44.84
G 95.0	0.15	0.15	0.10	5.08	2.51	0.17	0.12	0.05	0.10	0.10	30.22	32.44
G100.0	0.15	0.15	0.10	0.05	0.05	0.06	0.12	0.11	0.10	0.10	22.02	23.61
G105.0	0.15	0.15	0.10	0.05	0.05	0.06	0.12	0.11	0.10	0.15	1.54	7.54
G110.0	0.07	0.07	0.05	0.03	0.03	0.03	0.06	0.05	0.05	0.07	0.77	3.77
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00