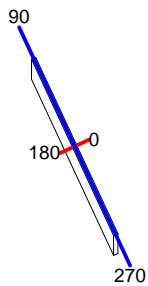


Luminaire		Measurement		Lamp		
Code	LU1X 3W FR	Code	CLF1414/05-15I	Code	XENON 3W OP 12V	
Name	LU1X-1000 IP20 17x12V3WFR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17	
Line	AGABEKOV	Date	01-04-2005	Position	-	
Efficiency	61.52%	Coordinate system	C-G	Total Flux	454.24 lm	
Maximum value	152.28 cd/klm	Position	C=180.00 G=15.00			
Rectangular Luminaire	Length	1000 mm	Width	24 mm	Height	25 mm
Rectangular Luminous Area	Length	1000 mm	Width	20 mm	Height	23
Horizontal Luminous Area	0.020000 m2	Emitting area on Plane 180°		0.023000 m2		
Emitting area on Plane 0°	0.023000 m2	Emitting area on Plane 270°		0.000460 m2		
Emitting area on Plane 90°	0.000460 m2	Glare area at 76°		0.027155 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					

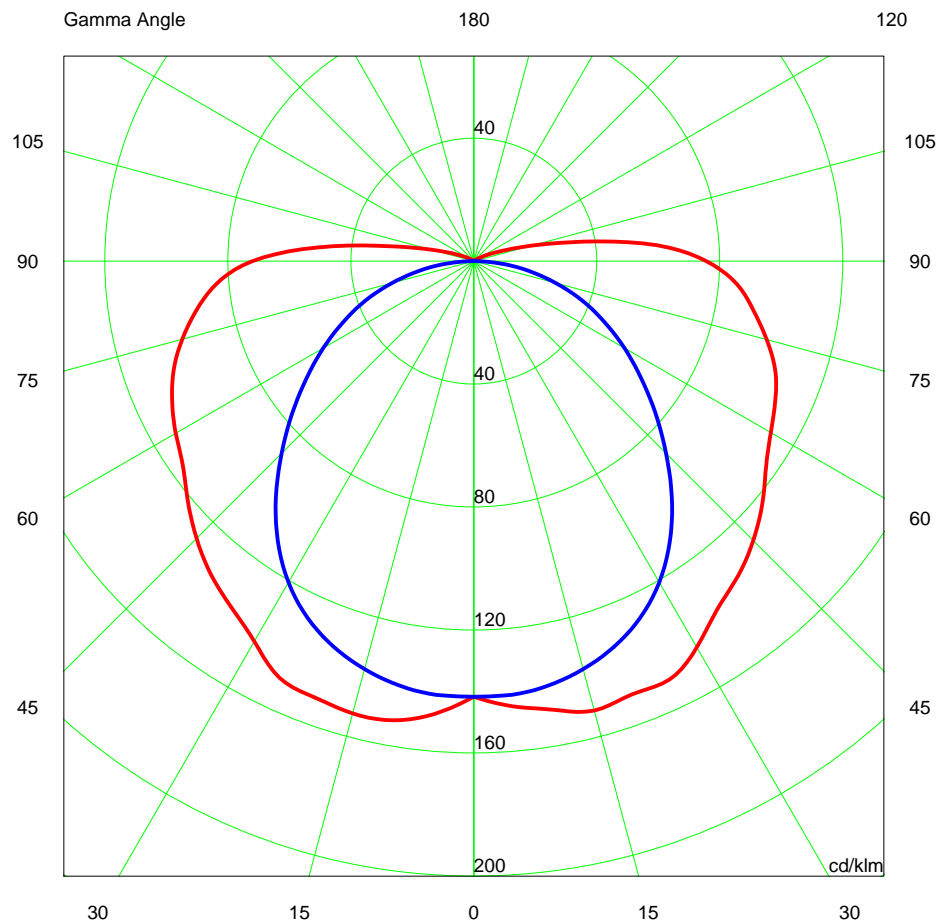
Luminaire Lamps						
Line	Code	Name	Flux[lm]	Pow.[w]	Qta	
AGABEKOV	XENON 3W OP 12V	XENON RIGID LOOP LAMP 3W OP	26.72	3.0	17	
C.I.E.	7	D DIN 5040	A21			
F UTE	0.57 H + 0.04 T	B NBN	BZ 6			

1000mm x 24mm



C Halfplanes
 180.0 — 0.0
 90.0 — 270.0

ULOR 4.04
 DLOR 57.47



Luminaire		Measurement		Lamp	
Code	LU1X 3W FR	Code	CLF1414/05-151	Code	XENON 3W OP 12V
Name	LU1X-1000 IP20 17x12V3WFR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17
Line	AGABEKOV	Date	01-04-2005	Position	-

Efficiency	61.52%	Coordinate system	C-G	Total Flux	454.24 lm
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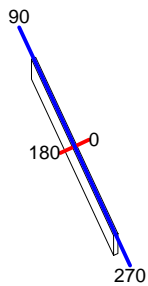
Luminous Intensity Table cd/klm Table 1/1												
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	145.31	144.33	142.92	141.18	139.51	140.17	141.58	143.14	144.51	145.51	146.37	147.32
G 10.0	148.13	149.18	145.32	143.04	140.29	139.18	140.11	142.74	145.34	147.65	149.01	150.49
G 15.0	151.30	151.38	147.37	144.57	140.18	136.98	137.36	141.55	144.39	147.54	149.14	150.44
G 20.0	150.00	150.69	147.96	144.72	138.98	134.51	133.40	138.34	142.22	145.11	147.04	148.97
G 25.0	150.21	150.14	146.13	142.73	136.40	129.85	127.97	133.14	138.17	141.90	144.77	146.91
G 30.0	145.00	146.49	144.20	139.00	131.75	123.08	120.59	126.06	132.29	137.46	140.38	141.01
G 35.0	138.13	139.22	139.17	134.29	125.01	114.64	111.14	116.99	124.91	130.84	133.35	134.85
G 40.0	133.65	134.34	131.71	127.58	116.66	104.85	100.17	106.52	115.67	122.74	127.71	130.53
G 45.0	128.49	128.68	125.80	118.59	107.26	94.55	88.41	95.12	104.77	114.44	121.82	125.35
G 50.0	122.50	123.07	119.01	109.37	96.78	83.95	77.16	83.70	93.35	105.69	115.21	119.29
G 55.0	116.04	117.12	111.66	99.78	85.57	73.53	66.46	73.15	82.18	95.68	107.62	113.27
G 60.0	111.51	111.79	104.30	89.45	74.57	63.78	56.55	63.29	71.17	85.41	101.33	109.06
G 65.0	108.13	107.84	97.98	79.46	63.98	54.77	46.86	53.65	60.44	76.75	96.03	105.16
G 70.0	104.32	103.59	92.73	71.35	54.16	45.81	37.54	44.31	51.26	69.94	90.61	100.75
G 75.0	98.59	98.58	86.90	65.28	46.41	37.05	27.63	35.55	44.60	63.50	84.19	95.36
G 80.0	92.34	92.09	80.07	59.31	40.73	29.08	17.95	28.03	38.69	55.81	76.31	88.30
G 85.0	85.89	84.76	71.90	51.54	34.73	22.45	8.59	21.64	31.36	46.81	67.13	79.91
G 90.0	75.57	75.36	61.89	42.20	26.96	14.67	0.61	13.38	23.02	36.53	54.14	67.67
G 95.0	59.53	59.47	47.94	31.51	16.14	4.96	0.13	4.31	13.11	24.87	36.78	47.24
G100.0	36.46	37.49	29.05	18.35	5.16	0.75	0.23	0.53	3.81	13.13	19.60	26.28
G105.0	19.48	19.03	6.57	4.29	0.38	0.16	0.15	0.11	0.11	3.06	4.52	14.00
G110.0	9.74	9.48	2.01	0.23	0.11	0.09	0.08	0.08	0.08	0.20	1.41	7.03
G115.0	4.87	4.72	1.01	0.13	0.06	0.04	0.04	0.04	0.04	0.12	0.71	3.51
G120.0	2.43	2.35	0.51	0.07	0.03	0.02	0.02	0.02	0.02	0.06	0.36	1.76
G125.0	1.22	1.18	0.24	0.03	0.01	0.01	0.01	0.01	0.01	0.03	0.17	0.86
G130.0	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03
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	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	147.82	147.32	146.37	145.51	144.51	143.14	141.58	140.17	139.51	141.18	142.92	144.33
G 10.0	151.61	150.49	149.01	147.65	145.34	142.74	140.11	139.18	140.29	143.04	145.31	149.17
G 15.0	152.28	150.44	149.14	147.54	144.39	141.55	137.36	136.98	140.18	144.57	147.38	151.25
G 20.0	151.05	148.97	147.04	145.11	142.22	138.34	133.40	134.51	138.98	144.71	148.00	150.55
G 25.0	149.51	146.91	144.77	141.90	138.17	133.14	127.97	129.85	136.40	142.72	146.20	149.87
G 30.0	142.79	141.01	140.38	137.46	132.29	126.06	120.59	123.08	131.75	139.00	144.23	146.39
G 35.0	137.46	134.85	133.35	130.84	124.91	116.99	111.14	114.64	125.02	134.28	139.14	139.27
G 40.0	133.01	130.53	127.71	122.74	115.67	106.52	100.17	104.85	116.66	127.56	131.77	134.17
G 45.0	127.52	125.35	121.82	114.44	104.77	95.12	88.41	94.55	107.26	118.58	125.83	128.62
G 50.0	121.42	119.29	115.21	105.69	93.35	83.70	77.16	83.95	96.78	109.35	119.04	122.99
G 55.0	115.58	113.27	107.62	95.68	82.18	73.15	66.46	73.53	85.57	99.77	111.71	117.00
G 60.0	111.94	109.06	101.33	85.41	71.17	63.29	56.55	63.78	74.57	89.43	104.36	111.67
G 65.0	108.25	105.16	96.03	76.75	60.44	53.65	46.86	54.77	63.99	79.44	98.04	107.72
G 70.0	103.89	100.75	90.61	69.94	51.26	44.31	37.54	45.81	54.17	71.33	92.78	103.49
G 75.0	98.20	95.36	84.19	63.50	44.60	35.55	27.63	37.05	46.42	65.26	86.95	98.48
G 80.0	91.59	88.30	76.31	55.81	38.69	28.03	17.95	29.07	40.73	59.29	80.11	92.02
G 85.0	83.95	79.91	67.13	46.81	31.36	21.64	8.59	22.45	34.73	51.53	71.92	84.71
G 90.0	71.96	67.67	54.14	36.53	23.02	13.38	0.61	14.67	26.96	42.20	61.90	75.35
G 95.0	51.05	47.24	36.78	24.87	13.11	4.31	0.13	4.96	16.14	31.51	47.93	59.47
G100.0	27.98	26.28	19.60	13.13	3.81	0.53	0.23	0.71	5.15	18.36	29.03	37.49
G105.0	14.56	14.00	4.52	3.06	0.11	0.11	0.15	0.13	0.38	4.29	6.50	19.03
G110.0	7.28	7.03	1.41	0.20	0.08	0.08	0.08	0.09	0.11	0.12	1.95	9.48
G115.0	3.64	3.51	0.71	0.12	0.04	0.04	0.04	0.04	0.06	0.06	0.97	4.72
G120.0	1.82	1.76	0.36	0.06	0.02	0.02	0.02	0.02	0.03	0.03	0.48	2.35
G125.0	0.91	0.86	0.17	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.23	1.18
G130.0	0.00	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04
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	LU1X 3W FR 24	Code	CLF1414/05-15I	Code	XENON 3W OP 24V
Name	LU1X-1000 IP20 17x12V3WFR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17
Line	AGABEKOV	Date	01-04-2005	Position	-
Efficiency	61.52%	Coordinate system	C-G	Total Flux	206.72 lm
Maximum value	152.28 cd/klm	Position	C=180.00 G=15.00		
Rectangular Luminaire	Length 1000 mm	Width	24 mm	Height	25 mm
Rectangular Luminous Area	Length 1000 mm	Width	20 mm	Height	23
Horizontal Luminous Area	0.020000 m2	Emitting area on Plane 180°	0.023000 m2		
Emitting area on Plane 0°	0.023000 m2	Emitting area on Plane 270°	0.000460 m2		
Emitting area on Plane 90°	0.000460 m2	Glare area at 76°	0.027155 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				

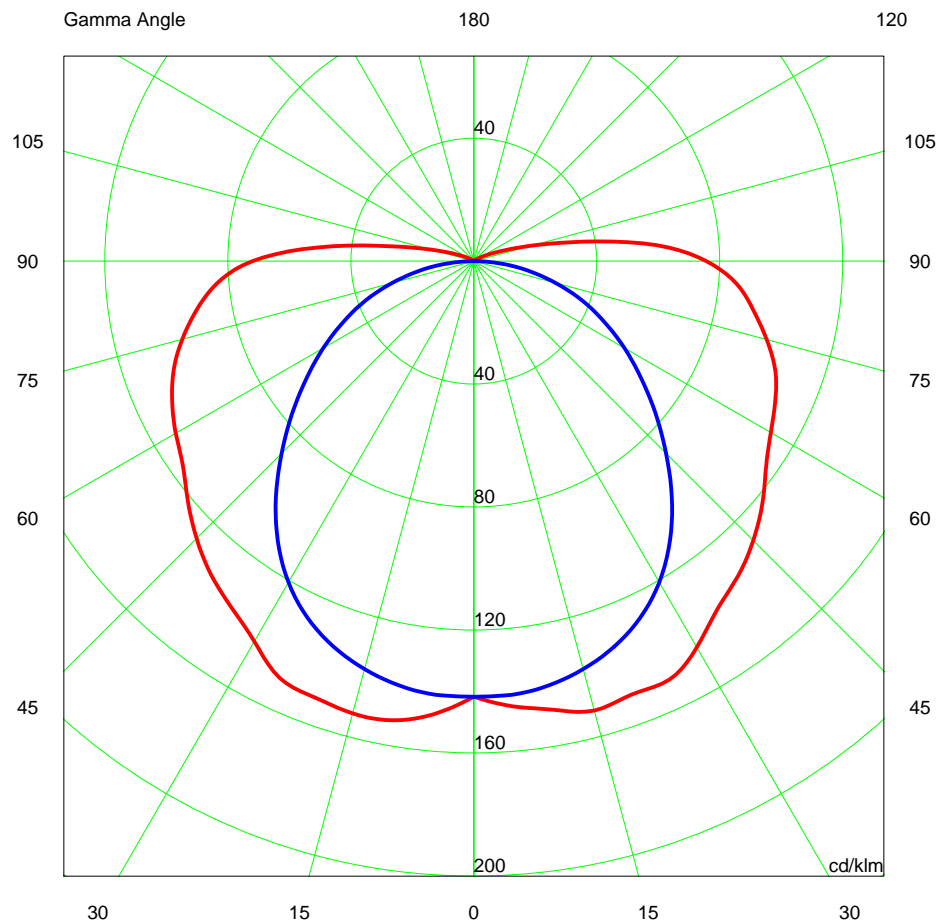
Luminaire Lamps					
Line	Code	Name	Flux[lm]	Pow.[w]	Qta
AGABEKOV	XENON 3W OP 24V	XENON RIGID LOOP LAMP 3W OP	12.16	3.0	17
C.I.E.	7	D DIN 5040	A21		
F UTE	0.57 H + 0.04 T	B NBN	BZ 6		

1000mm x 24mm



C Halfplanes
 180.0 — 0.0
 90.0 — 270.0

ULOR 4.04
 DLOR 57.47



Luminaire		Measurement		Lamp	
Code	LU1X 3W FR 24	Code	CLF1414/05-15I	Code	XENON 3W OP 24V
Name	LU1X-1000 IP20 17x12V3WFR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17
Line	AGABEKOV	Date	01-04-2005	Position	-

Efficiency	61.52%	Coordinate system	C-G	Total Flux	206.72 lm
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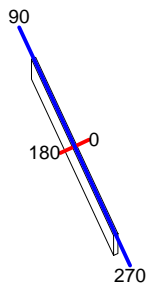
		Luminous Intensity Table cd/klm Table 1/1											
		C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	145.31	144.33	142.92	141.18	139.51	140.17	141.58	143.14	144.51	145.51	146.37	147.32	147.32
G 10.0	148.13	149.18	145.32	143.04	140.29	139.18	140.11	142.74	145.34	147.65	149.01	150.49	150.49
G 15.0	151.30	151.38	147.37	144.57	140.18	136.98	137.36	141.55	144.39	147.54	149.14	150.44	150.44
G 20.0	150.00	150.69	147.96	144.72	138.98	134.51	133.40	138.34	142.22	145.11	147.04	148.97	148.97
G 25.0	150.21	150.14	146.13	142.73	136.40	129.85	127.97	133.14	138.17	141.90	144.77	146.91	146.91
G 30.0	145.00	146.49	144.20	139.00	131.75	123.08	120.59	126.06	132.29	137.46	140.38	141.01	141.01
G 35.0	138.13	139.22	139.17	134.29	125.01	114.64	111.14	116.99	124.91	130.84	133.35	134.85	134.85
G 40.0	133.65	134.34	131.71	127.58	116.66	104.85	100.17	106.52	115.67	122.74	127.71	130.53	130.53
G 45.0	128.49	128.68	125.80	118.59	107.26	94.55	88.41	95.12	104.77	114.44	121.82	125.35	125.35
G 50.0	122.50	123.07	119.01	109.37	96.78	83.95	77.16	83.70	93.35	105.69	115.21	119.29	119.29
G 55.0	116.04	117.12	111.66	99.78	85.57	73.53	66.46	73.15	82.18	95.68	107.62	113.27	113.27
G 60.0	111.51	111.79	104.30	89.45	74.57	63.78	56.55	63.29	71.17	85.41	101.33	109.06	109.06
G 65.0	108.13	107.84	97.98	79.46	63.98	54.77	46.86	53.65	60.44	76.75	96.03	105.16	105.16
G 70.0	104.32	103.59	92.73	71.35	54.16	45.81	37.54	44.31	51.26	69.94	90.61	100.75	100.75
G 75.0	98.59	98.58	86.90	65.28	46.41	37.05	27.63	35.55	44.60	63.50	84.19	95.36	95.36
G 80.0	92.34	92.09	80.07	59.31	40.73	29.08	17.95	28.03	38.69	55.81	76.31	88.30	88.30
G 85.0	85.89	84.76	71.90	51.54	34.73	22.45	8.59	21.64	31.36	46.81	67.13	79.91	79.91
G 90.0	75.57	75.36	61.89	42.20	26.96	14.67	0.61	13.38	23.02	36.53	54.14	67.67	67.67
G 95.0	59.53	59.47	47.94	31.51	16.14	4.96	0.13	4.31	13.11	24.87	36.78	47.24	47.24
G100.0	36.46	37.49	29.05	18.35	5.16	0.75	0.23	0.53	3.81	13.13	19.60	26.28	26.28
G105.0	19.48	19.03	6.57	4.29	0.38	0.16	0.15	0.11	0.11	3.06	4.52	14.00	14.00
G110.0	9.74	9.48	2.01	0.23	0.11	0.09	0.08	0.08	0.08	0.20	1.41	7.03	7.03
G115.0	4.87	4.72	1.01	0.13	0.06	0.04	0.04	0.04	0.04	0.12	0.71	3.51	3.51
G120.0	2.43	2.35	0.51	0.07	0.03	0.02	0.02	0.02	0.02	0.06	0.36	1.76	1.76
G125.0	1.22	1.18	0.24	0.03	0.01	0.01	0.01	0.01	0.01	0.03	0.17	0.86	0.86
G130.0	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.03
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	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	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	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	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	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	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	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	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	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	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	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	147.82	147.32	146.37	145.51	144.51	143.14	141.58	140.17	139.51	141.18	142.92	144.33	144.33
G 10.0	151.61	150.49	149.01	147.65	145.34	142.74	140.11	139.18	140.29	143.04	145.31	149.17	149.17
G 15.0	152.28	150.44	149.14	147.54	144.39	141.55	137.36	136.98	140.18	144.57	147.38	151.25	151.25
G 20.0	151.05	148.97	147.04	145.11	142.22	138.34	133.40	134.51	138.98	144.71	148.00	150.55	150.55
G 25.0	149.51	146.91	144.77	141.90	138.17	133.14	127.97	129.85	136.40	142.72	146.20	149.87	149.87
G 30.0	142.79	141.01	140.38	137.46	132.29	126.06	120.59	123.08	131.75	139.00	144.23	146.39	146.39
G 35.0	137.46	134.85	133.35	130.84	124.91	116.99	111.14	114.64	125.02	134.28	139.14	139.27	139.27
G 40.0	133.01	130.53	127.71	122.74	115.67	106.52	100.17	104.85	116.66	127.56	131.77	134.17	134.17
G 45.0	127.52	125.35	121.82	114.44	104.77	95.12	88.41	94.55	107.26	118.58	125.83	128.62	128.62
G 50.0	121.42	119.29	115.21	105.69	93.35	83.70	77.16	83.95	96.78	109.35	119.04	122.99	122.99
G 55.0	115.58	113.27	107.62	95.68	82.18	73.15	66.46	73.53	85.57	99.77	111.71	117.00	117.00
G 60.0	111.94	109.06	101.33	85.41	71.17	63.29	56.55	63.78	74.57	89.43	104.36	111.67	111.67
G 65.0	108.25	105.16	96.03	76.75	60.44	53.65	46.86	54.77	63.99	79.44	98.04	107.72	107.72
G 70.0	103.89	100.75	90.61	69.94	51.26	44.31	37.54	45.81	54.17	71.33	92.78	103.49	103.49
G 75.0	98.20	95.36	84.19	63.50	44.60	35.55	27.63	37.05	46.42	65.26	86.95	98.48	98.48
G 80.0	91.59	88.30	76.31	55.81	38.69	28.03	17.95	29.07	40.73	59.29	80.11	92.02	92.02
G 85.0	83.95	79.91	67.13	46.81	31.36	21.64	8.59	22.45	34.73	51.53	71.92	84.71	84.71
G 90.0	71.96	67.67	54.14	36.53	23.02	13.38	0.61	14.67	26.96	42.20	61.90	75.35	75.35
G 95.0	51.05	47.24	36.78	24.87	13.11	4.31	0.13	4.96	16.14	31.51	47.93	59.47	59.47
G100.0	27.98	26.28	19.60	13.13	3.81	0.53	0.23	0.71	5.15	18.36	29.03	37.49	37.49
G105.0	14.56	14.00	4.52	3.06	0.11	0.11	0.15	0.13	0.38	4.29	6.50	19.03	19.03
G110.0	7.28	7.03	1.41	0.20	0.08	0.08	0.08	0.09	0.11	0.12	1.95	9.48	9.48
G115.0	3.64	3.51	0.71	0.12	0.04	0.04	0.04	0.04	0.06	0.06	0.97	4.72	4.72
G120.0	1.82	1.76	0.36	0.06	0.02	0.02	0.02	0.02	0.03	0.03	0.48	2.35	2.35
G125.0	0.91	0.86	0.17	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.23	1.18	1.18
G130.0	0.00	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.04
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	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	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	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	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	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	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	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	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	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	0.00

Luminaire		Measurement		Lamp		
Code	LU1X 5W FR	Code	CLF1414/05-15I	Code	XENON 5W OP 12V	
Name	LU1X-1000 IP20 17x12V5W FR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17	
Line	AGABEKOV	Date	01-04-2005	Position	-	
Efficiency	61.52%	Coordinate system	C-G	Total Flux	722.33 lm	
Maximum value	152.28 cd/klm	Position	C=180.00 G=15.00			
Rectangular Luminaire	Length	1000 mm	Width	24 mm	Height	25 mm
Rectangular Luminous Area	Length	1000 mm	Width	20 mm	Height	23
Horizontal Luminous Area	0.020000 m2	Emitting area on Plane 180°		0.023000 m2		
Emitting area on Plane 0°	0.023000 m2	Emitting area on Plane 270°		0.000460 m2		
Emitting area on Plane 90°	0.000460 m2	Glare area at 76°		0.027155 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					

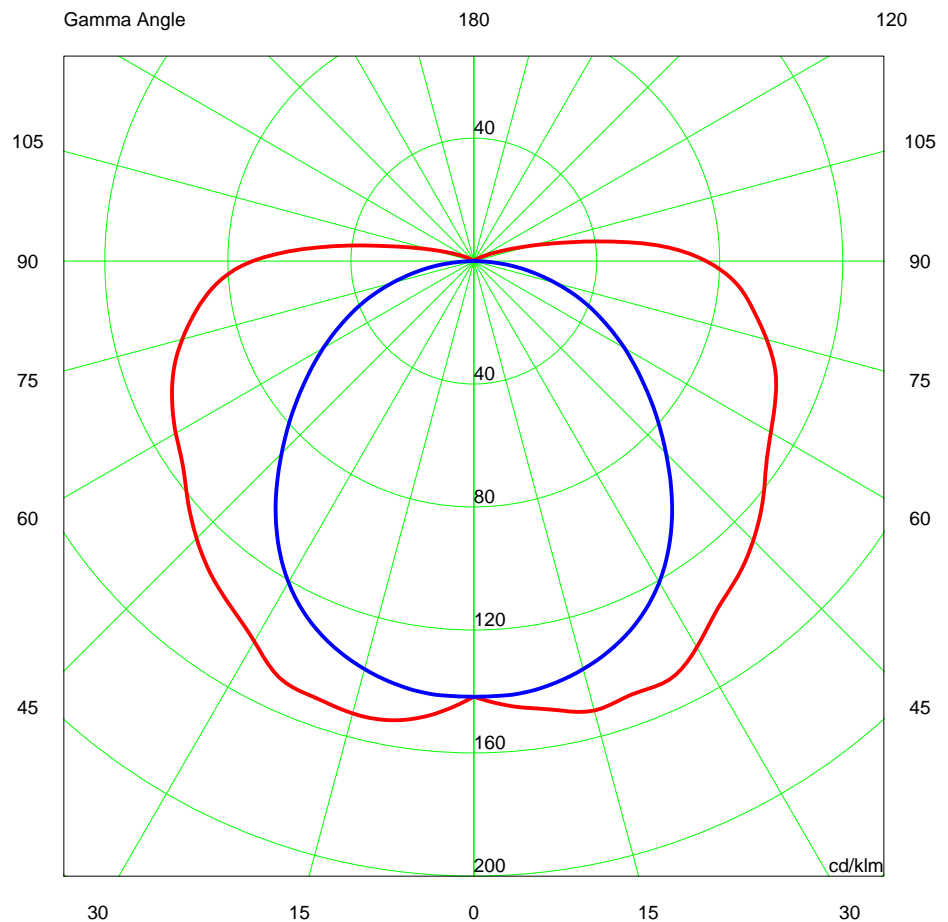
Luminaire Lamps					
Line	Code	Name	Flux[lm]	Pow.[w]	Qta
AGABEKOV	XENON 5W OP 12V	XENON RIGID LOOP LAMP 5W OP	42.49	5.0	17
C.I.E.	7	D DIN 5040	A21		
F UTE	0.57 H + 0.04 T	B NBN	BZ 6		

1000mm x 24mm



C Halfplanes
 180.0 — 0.0
 90.0 — 270.0

ULOR 4.04
 DLOR 57.47



Luminaire		Measurement		Lamp	
Code	LU1X 5W FR	Code	CLF1414/05-151	Code	XENON 5W OP 12V
Name	LU1X-1000 IP20 17x12V5W FR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17
Line	AGABEKOV	Date	01-04-2005	Position	-

Efficiency	61.52%	Coordinate system	C-G	Total Flux	722.33 lm
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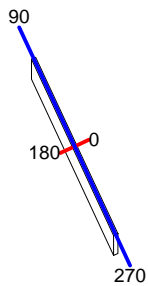
Luminous Intensity Table cd/klm Table 1/1												
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	145.31	144.33	142.92	141.18	139.51	140.17	141.58	143.14	144.51	145.51	146.37	147.32
G 10.0	148.13	149.18	145.32	143.04	140.29	139.18	140.11	142.74	145.34	147.65	149.01	150.49
G 15.0	151.30	151.38	147.37	144.57	140.18	136.98	137.36	141.55	144.39	147.54	149.14	150.44
G 20.0	150.00	150.69	147.96	144.72	138.98	134.51	133.40	138.34	142.22	145.11	147.04	148.97
G 25.0	150.21	150.14	146.13	142.73	136.40	129.85	127.97	133.14	138.17	141.90	144.77	146.91
G 30.0	145.00	146.49	144.20	139.00	131.75	123.08	120.59	126.06	132.29	137.46	140.38	141.01
G 35.0	138.13	139.22	139.17	134.29	125.01	114.64	111.14	116.99	124.91	130.84	133.35	134.85
G 40.0	133.65	134.34	131.71	127.58	116.66	104.85	100.17	106.52	115.67	122.74	127.71	130.53
G 45.0	128.49	128.68	125.80	118.59	107.26	94.55	88.41	95.12	104.77	114.44	121.82	125.35
G 50.0	122.50	123.07	119.01	109.37	96.78	83.95	77.16	83.70	93.35	105.69	115.21	119.29
G 55.0	116.04	117.12	111.66	99.78	85.57	73.53	66.46	73.15	82.18	95.68	107.62	113.27
G 60.0	111.51	111.79	104.30	89.45	74.57	63.78	56.55	63.29	71.17	85.41	101.33	109.06
G 65.0	108.13	107.84	97.98	79.46	63.98	54.77	46.86	53.65	60.44	76.75	96.03	105.16
G 70.0	104.32	103.59	92.73	71.35	54.16	45.81	37.54	44.31	51.26	69.94	90.61	100.75
G 75.0	98.59	98.58	86.90	65.28	46.41	37.05	27.63	35.55	44.60	63.50	84.19	95.36
G 80.0	92.34	92.09	80.07	59.31	40.73	29.08	17.95	28.03	38.69	55.81	76.31	88.30
G 85.0	85.89	84.76	71.90	51.54	34.73	22.45	8.59	21.64	31.36	46.81	67.13	79.91
G 90.0	75.57	75.36	61.89	42.20	26.96	14.67	0.61	13.38	23.02	36.53	54.14	67.67
G 95.0	59.53	59.47	47.94	31.51	16.14	4.96	0.13	4.31	13.11	24.87	36.78	47.24
G100.0	36.46	37.49	29.05	18.35	5.16	0.75	0.23	0.53	3.81	13.13	19.60	26.28
G105.0	19.48	19.03	6.57	4.29	0.38	0.16	0.15	0.11	0.11	3.06	4.52	14.00
G110.0	9.74	9.48	2.01	0.23	0.11	0.09	0.08	0.08	0.08	0.20	1.41	7.03
G115.0	4.87	4.72	1.01	0.13	0.06	0.04	0.04	0.04	0.04	0.12	0.71	3.51
G120.0	2.43	2.35	0.51	0.07	0.03	0.02	0.02	0.02	0.02	0.06	0.36	1.76
G125.0	1.22	1.18	0.24	0.03	0.01	0.01	0.01	0.01	0.01	0.03	0.17	0.86
G130.0	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03
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	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	147.82	147.32	146.37	145.51	144.51	143.14	141.58	140.17	139.51	141.18	142.92	144.33
G 10.0	151.61	150.49	149.01	147.65	145.34	142.74	140.11	139.18	140.29	143.04	145.31	149.17
G 15.0	152.28	150.44	149.14	147.54	144.39	141.55	137.36	136.98	140.18	144.57	147.38	151.25
G 20.0	151.05	148.97	147.04	145.11	142.22	138.34	133.40	134.51	138.98	144.71	148.00	150.55
G 25.0	149.51	146.91	144.77	141.90	138.17	133.14	127.97	129.85	136.40	142.72	146.20	149.87
G 30.0	142.79	141.01	140.38	137.46	132.29	126.06	120.59	123.08	131.75	139.00	144.23	146.39
G 35.0	137.46	134.85	133.35	130.84	124.91	116.99	111.14	114.64	125.02	134.28	139.14	139.27
G 40.0	133.01	130.53	127.71	122.74	115.67	106.52	100.17	104.85	116.66	127.56	131.77	134.17
G 45.0	127.52	125.35	121.82	114.44	104.77	95.12	88.42	94.55	107.26	118.58	125.83	128.62
G 50.0	121.42	119.29	115.21	105.69	93.35	83.70	77.16	83.95	96.78	109.35	119.04	122.99
G 55.0	115.58	113.27	107.62	95.68	82.18	73.15	66.46	73.53	85.57	99.77	111.71	117.00
G 60.0	111.94	109.06	101.33	85.41	71.17	63.29	56.55	63.78	74.57	89.43	104.36	111.67
G 65.0	108.25	105.16	96.03	76.75	60.44	53.65	46.86	54.77	63.99	79.44	98.04	107.72
G 70.0	103.89	100.75	90.61	69.94	51.26	44.31	37.54	45.81	54.17	71.33	92.78	103.49
G 75.0	98.20	95.36	84.19	63.50	44.60	35.55	27.63	37.05	46.42	65.26	86.95	98.48
G 80.0	91.59	88.30	76.31	55.81	38.69	28.03	17.95	29.07	40.73	59.29	80.11	92.02
G 85.0	83.95	79.91	67.13	46.81	31.36	21.64	8.59	22.45	34.73	51.53	71.92	84.71
G 90.0	71.96	67.67	54.14	36.53	23.02	13.38	0.61	14.67	26.96	42.20	61.90	75.35
G 95.0	51.05	47.24	36.78	24.87	13.11	4.31	0.13	4.96	16.14	31.51	47.93	59.47
G100.0	27.98	26.28	19.60	13.13	3.81	0.53	0.23	0.71	5.15	18.36	29.03	37.49
G105.0	14.56	14.00	4.52	3.06	0.11	0.11	0.15	0.13	0.38	4.29	6.50	19.03
G110.0	7.28	7.03	1.41	0.20	0.08	0.08	0.08	0.09	0.11	0.12	1.95	9.48
G115.0	3.64	3.51	0.71	0.12	0.04	0.04	0.04	0.04	0.06	0.06	0.97	4.72
G120.0	1.82	1.76	0.36	0.06	0.02	0.02	0.02	0.02	0.03	0.03	0.48	2.35
G125.0	0.91	0.86	0.17	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.23	1.18
G130.0	0.00	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04
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	LU1X 5W FR 24	Code	CLF1414/05-15I	Code	XENON 5W OP 24V	
Name	LU1X-1000 IP20 17x12V5WFR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17	
Line	AGABEKOV	Date	01-04-2005	Position	-	
Efficiency	61.52%	Coordinate system	C-G	Total Flux	592.62 lm	
Maximum value	152.28 cd/klm	Position	C=180.00 G=15.00			
Rectangular Luminaire	Length	1000 mm	Width	24 mm	Height	25 mm
Rectangular Luminous Area	Length	1000 mm	Width	20 mm	Height	23
Horizontal Luminous Area	0.020000 m2	Emitting area on Plane 180°		0.023000 m2		
Emitting area on Plane 0°	0.023000 m2	Emitting area on Plane 270°		0.000460 m2		
Emitting area on Plane 90°	0.000460 m2	Glare area at 76°		0.027155 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					

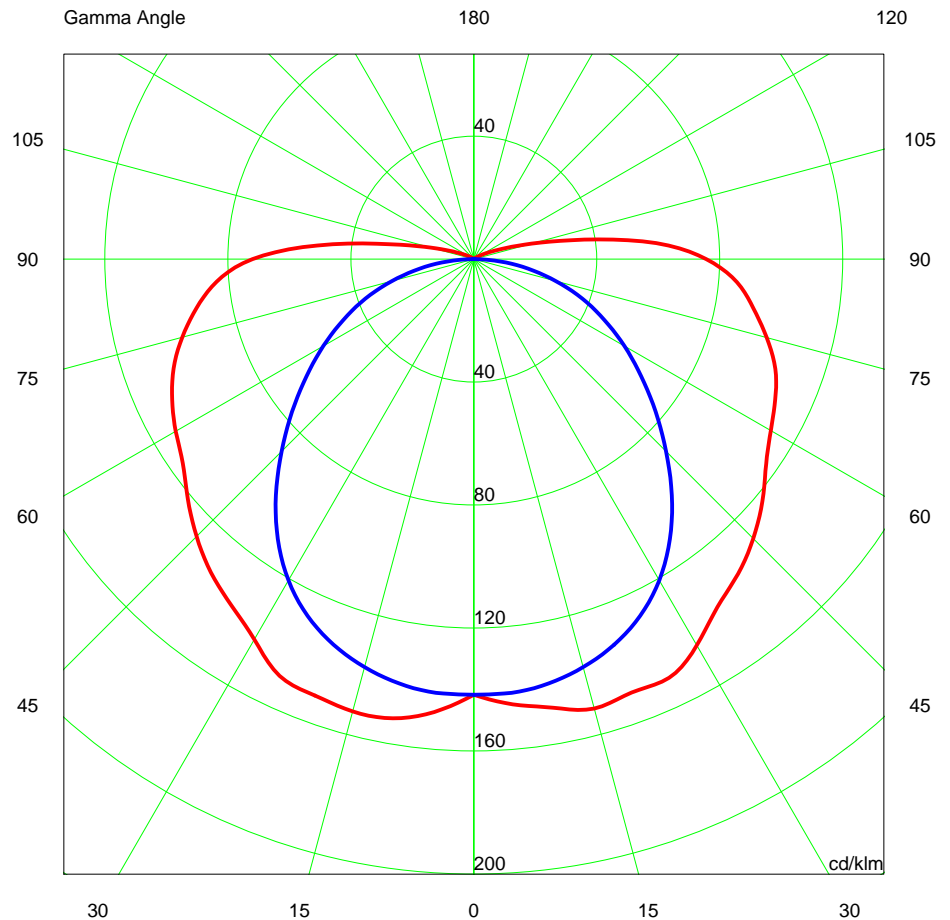
Luminaire Lamps						
Line	Code	Name	Flux[lm]	Pow.[w]	Qta	
AGABEKOV	XENON 5W OP 24V	XENON RIGID LOOP LAMP 5W OP	34.86	5.0	17	
C.I.E.	7	D DIN 5040	A21			
F UTE	0.57 H + 0.04 T	B NBN	BZ 6			

1000mm x 24mm



C Halfplanes
 180.0 — 0.0
 90.0 — 270.0

ULOR 4.04
 DLOR 57.47



Luminaire		Measurement		Lamp	
Code	LU1X 5W FR 24	Code	CLF1414/05-151	Code	XENON 5W OP 24V
Name	LU1X-1000 IP20 17x12V5WFR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17
Line	AGABEKOV	Date	01-04-2005	Position	-

Efficiency	61.52%	Coordinate system	C-G	Total Flux	592.62 lm
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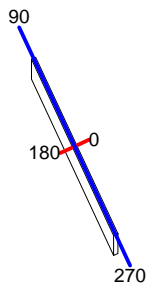
Luminous Intensity Table cd/klm Table 1/1												
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	145.31	144.33	142.92	141.18	139.51	140.17	141.58	143.14	144.51	145.51	146.37	147.32
G 10.0	148.13	149.18	145.32	143.04	140.29	139.18	140.11	142.74	145.34	147.65	149.01	150.49
G 15.0	151.30	151.38	147.37	144.57	140.18	136.98	137.36	141.55	144.39	147.54	149.14	150.44
G 20.0	150.00	150.69	147.96	144.72	138.98	134.51	133.40	138.34	142.22	145.11	147.04	148.97
G 25.0	150.21	150.14	146.13	142.73	136.40	129.85	127.97	133.14	138.17	141.90	144.77	146.91
G 30.0	145.00	146.49	144.20	139.00	131.75	123.08	120.59	126.06	132.29	137.46	140.38	141.01
G 35.0	138.13	139.22	139.17	134.29	125.01	114.64	111.14	116.99	124.91	130.84	133.35	134.85
G 40.0	133.65	134.34	131.71	127.58	116.66	104.85	100.17	106.52	115.67	122.74	127.71	130.53
G 45.0	128.49	128.68	125.80	118.59	107.26	94.55	88.41	95.12	104.77	114.44	121.82	125.35
G 50.0	122.50	123.07	119.01	109.37	96.78	83.95	77.16	83.70	93.35	105.69	115.21	119.29
G 55.0	116.04	117.12	111.66	99.78	85.57	73.53	66.46	73.15	82.18	95.68	107.62	113.27
G 60.0	111.51	111.79	104.30	89.45	74.57	63.78	56.55	63.29	71.17	85.41	101.33	109.06
G 65.0	108.13	107.84	97.98	79.46	63.98	54.77	46.86	53.65	60.44	76.75	96.03	105.16
G 70.0	104.32	103.59	92.73	71.35	54.16	45.81	37.54	44.31	51.26	69.94	90.61	100.75
G 75.0	98.59	98.58	86.90	65.28	46.41	37.05	27.63	35.55	44.60	63.50	84.19	95.36
G 80.0	92.34	92.09	80.07	59.31	40.73	29.08	17.95	28.03	38.69	55.81	76.31	88.30
G 85.0	85.89	84.76	71.90	51.54	34.73	22.45	8.59	21.64	31.36	46.81	67.13	79.91
G 90.0	75.57	75.36	61.89	42.20	26.96	14.67	0.61	13.38	23.02	36.53	54.14	67.67
G 95.0	59.53	59.47	47.94	31.51	16.14	4.96	0.13	4.31	13.11	24.87	36.78	47.24
G100.0	36.46	37.49	29.05	18.35	5.16	0.75	0.23	0.53	3.81	13.13	19.60	26.28
G105.0	19.48	19.03	6.57	4.29	0.38	0.16	0.15	0.11	0.11	3.06	4.52	14.00
G110.0	9.74	9.48	2.01	0.23	0.11	0.09	0.08	0.08	0.08	0.20	1.41	7.03
G115.0	4.87	4.72	1.01	0.13	0.06	0.04	0.04	0.04	0.04	0.12	0.71	3.51
G120.0	2.43	2.35	0.51	0.07	0.03	0.02	0.02	0.02	0.02	0.06	0.36	1.76
G125.0	1.22	1.18	0.24	0.03	0.01	0.01	0.01	0.01	0.01	0.03	0.17	0.86
G130.0	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03
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	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	147.82	147.32	146.37	145.51	144.51	143.14	141.58	140.17	139.51	141.18	142.92	144.33
G 10.0	151.61	150.49	149.01	147.65	145.34	142.74	140.11	139.18	140.29	143.04	145.31	149.17
G 15.0	152.28	150.44	149.14	147.54	144.39	141.55	137.36	136.98	140.18	144.57	147.38	151.25
G 20.0	151.05	148.97	147.04	145.11	142.22	138.34	133.40	134.51	138.98	144.71	148.00	150.55
G 25.0	149.51	146.91	144.77	141.90	138.17	133.14	127.97	129.85	136.40	142.72	146.20	149.87
G 30.0	142.79	141.01	140.38	137.46	132.29	126.06	120.59	123.08	131.75	139.00	144.23	146.39
G 35.0	137.46	134.85	133.35	130.84	124.91	116.99	111.14	114.64	125.02	134.28	139.14	139.27
G 40.0	133.01	130.53	127.71	122.74	115.67	106.52	100.17	104.85	116.66	127.56	131.77	134.17
G 45.0	127.52	125.35	121.82	114.44	104.77	95.12	88.42	94.55	107.26	118.58	125.83	128.62
G 50.0	121.42	119.29	115.21	105.69	93.35	83.70	77.16	83.95	96.78	109.35	119.04	122.99
G 55.0	115.58	113.27	107.62	95.68	82.18	73.15	66.46	73.53	85.57	99.77	111.71	117.00
G 60.0	111.94	109.06	101.33	85.41	71.17	63.29	56.55	63.78	74.57	89.43	104.36	111.67
G 65.0	108.25	105.16	96.03	76.75	60.44	53.65	46.86	54.77	63.99	79.44	98.04	107.72
G 70.0	103.89	100.75	90.61	69.94	51.26	44.31	37.54	45.81	54.17	71.33	92.78	103.49
G 75.0	98.20	95.36	84.19	63.50	44.60	35.55	27.63	37.05	46.42	65.26	86.95	98.48
G 80.0	91.59	88.30	76.31	55.81	38.69	28.03	17.95	29.07	40.73	59.29	80.11	92.02
G 85.0	83.95	79.91	67.13	46.81	31.36	21.64	8.59	22.45	34.73	51.53	71.92	84.71
G 90.0	71.96	67.67	54.14	36.53	23.02	13.38	0.61	14.67	26.96	42.20	61.90	75.35
G 95.0	51.05	47.24	36.78	24.87	13.11	4.31	0.13	4.96	16.14	31.51	47.93	59.47
G100.0	27.98	26.28	19.60	13.13	3.81	0.53	0.23	0.71	5.15	18.36	29.03	37.49
G105.0	14.56	14.00	4.52	3.06	0.11	0.11	0.15	0.13	0.38	4.29	6.50	19.03
G110.0	7.28	7.03	1.41	0.20	0.08	0.08	0.08	0.09	0.11	0.12	1.95	9.48
G115.0	3.64	3.51	0.71	0.12	0.04	0.04	0.04	0.04	0.06	0.06	0.97	4.72
G120.0	1.82	1.76	0.36	0.06	0.02	0.02	0.02	0.02	0.03	0.03	0.48	2.35
G125.0	0.91	0.86	0.17	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.23	1.18
G130.0	0.00	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04
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	LU1X 8.5W FR	Code	CLF1414/05-15I	Code	XENON 8.5W OP 12V	
Name	LU1X-1000 IP20 17x12V8.5WFR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17	
Line	AGABEKOV	Date	01-04-2005	Position	-	
Efficiency	61.52%	Coordinate system	C-G	Total Flux	964.92 lm	
Maximum value	152.28 cd/klm	Position	C=180.00 G=15.00			
Rectangular Luminaire	Length	1000 mm	Width	24 mm	Height	25 mm
Rectangular Luminous Area	Length	1000 mm	Width	20 mm	Height	23
Horizontal Luminous Area	0.020000 m2	Emitting area on Plane 180°		0.023000 m2		
Emitting area on Plane 0°	0.023000 m2	Emitting area on Plane 270°		0.000460 m2		
Emitting area on Plane 90°	0.000460 m2	Glare area at 76°		0.027155 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					

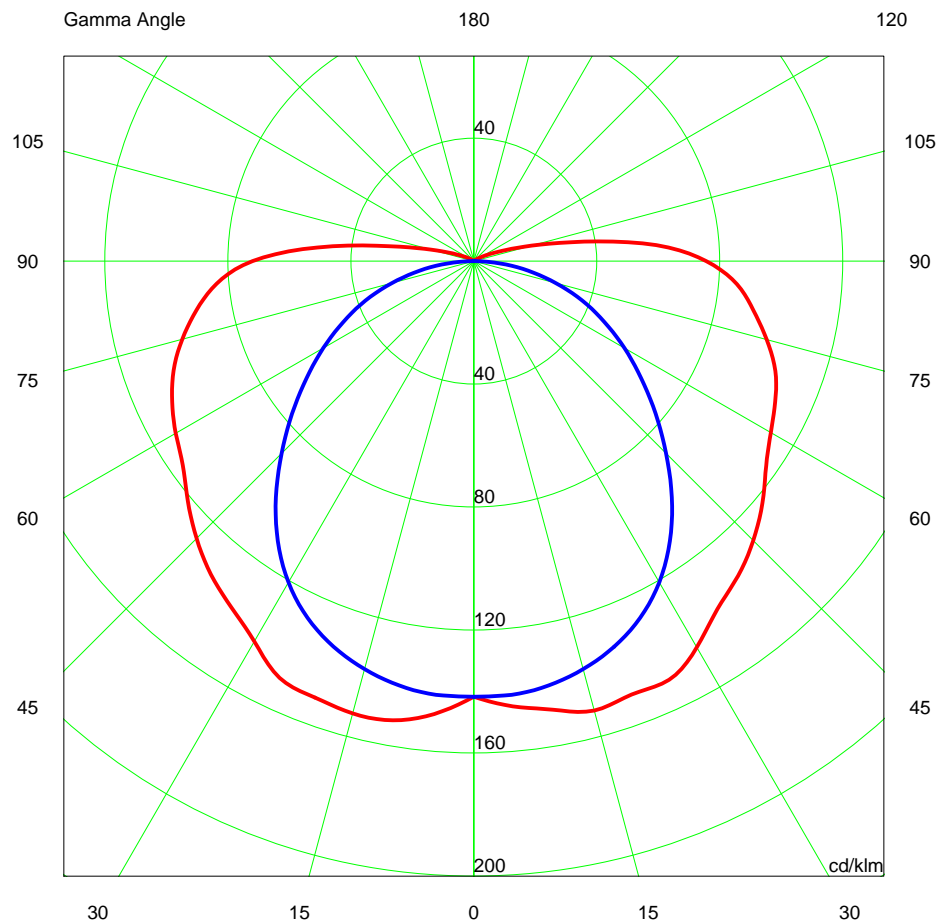
Luminaire Lamps					
Line	Code	Name	Flux[lm]	Pow.[w]	Qta
AGABEKOV	XENON 8.5W OP 12V	XENON RIGID LOOP LAMP 8.5W OP	56.76	8.0	17
C.I.E.	7	D DIN 5040	A21		
F UTE	0.57 H + 0.04 T	B NBN	BZ 6		

1000mm x 24mm



C Halfplanes
 180.0 — 0.0
 90.0 — 270.0

ULOR 4.04
 DLOR 57.47



Luminaire		Measurement		Lamp	
Code	LU1X 8.5W FR	Code	CLF1414/05-15I	Code	XENON 8.5W OP 12V
Name	LU1X-1000 IP20 17x12V8.5WFR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17
Line	AGABEKOV	Date	01-04-2005	Position	-

Efficiency	61.52%	Coordinate system	C-G	Total Flux	964.92 lm
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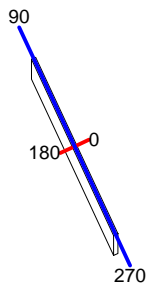
Luminous Intensity Table cd/klm Table 1/1												
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	145.31	144.33	142.92	141.18	139.51	140.17	141.58	143.14	144.51	145.51	146.37	147.32
G 10.0	148.13	149.18	145.32	143.04	140.29	139.18	140.11	142.74	145.34	147.65	149.01	150.49
G 15.0	151.30	151.38	147.37	144.57	140.18	136.98	137.36	141.55	144.39	147.54	149.14	150.44
G 20.0	150.00	150.69	147.96	144.72	138.98	134.51	133.40	138.34	142.22	145.11	147.04	148.97
G 25.0	150.21	150.14	146.13	142.73	136.40	129.85	127.97	133.14	138.17	141.90	144.77	146.91
G 30.0	145.00	146.49	144.20	139.00	131.75	123.08	120.59	126.06	132.29	137.46	140.38	141.01
G 35.0	138.13	139.22	139.17	134.29	125.01	114.64	111.14	116.99	124.91	130.84	133.35	134.85
G 40.0	133.65	134.34	131.71	127.58	116.66	104.85	100.17	106.52	115.67	122.74	127.71	130.53
G 45.0	128.49	128.68	125.80	118.59	107.26	94.55	88.41	95.12	104.77	114.44	121.82	125.35
G 50.0	122.50	123.07	119.01	109.37	96.78	83.95	77.16	83.70	93.35	105.69	115.21	119.29
G 55.0	116.04	117.12	111.66	99.78	85.57	73.53	66.46	73.15	82.18	95.68	107.62	113.27
G 60.0	111.51	111.79	104.30	89.45	74.57	63.78	56.55	63.29	71.17	85.41	101.33	109.06
G 65.0	108.13	107.84	97.98	79.46	63.98	54.77	46.86	53.65	60.44	76.75	96.03	105.16
G 70.0	104.32	103.59	92.73	71.35	54.16	45.81	37.54	44.31	51.26	69.94	90.61	100.75
G 75.0	98.59	98.58	86.90	65.28	46.41	37.05	27.63	35.55	44.60	63.50	84.19	95.36
G 80.0	92.34	92.09	80.07	59.31	40.73	29.08	17.95	28.03	38.69	55.81	76.31	88.30
G 85.0	85.89	84.76	71.90	51.54	34.73	22.45	8.59	21.64	31.36	46.81	67.13	79.91
G 90.0	75.57	75.36	61.89	42.20	26.96	14.67	0.61	13.38	23.02	36.53	54.14	67.67
G 95.0	59.53	59.47	47.94	31.51	16.14	4.96	0.13	4.31	13.11	24.87	36.78	47.24
G100.0	36.46	37.49	29.05	18.35	5.16	0.75	0.23	0.53	3.81	13.13	19.60	26.28
G105.0	19.48	19.03	6.57	4.29	0.38	0.16	0.15	0.11	0.11	3.06	4.52	14.00
G110.0	9.74	9.48	2.01	0.23	0.11	0.09	0.08	0.08	0.08	0.20	1.41	7.03
G115.0	4.87	4.72	1.01	0.13	0.06	0.04	0.04	0.04	0.04	0.12	0.71	3.51
G120.0	2.43	2.35	0.51	0.07	0.03	0.02	0.02	0.02	0.02	0.06	0.36	1.76
G125.0	1.22	1.18	0.24	0.03	0.01	0.01	0.01	0.01	0.01	0.03	0.17	0.86
G130.0	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03
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	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	147.82	147.32	146.37	145.51	144.51	143.14	141.58	140.17	139.51	141.18	142.92	144.33
G 10.0	151.61	150.49	149.01	147.65	145.34	142.74	140.11	139.18	140.29	143.04	145.31	149.17
G 15.0	152.28	150.44	149.14	147.54	144.39	141.55	137.36	136.98	140.18	144.57	147.38	151.25
G 20.0	151.05	148.97	147.04	145.11	142.22	138.34	133.40	134.51	138.98	144.71	148.00	150.55
G 25.0	149.51	146.91	144.77	141.90	138.17	133.14	127.97	129.85	136.40	142.72	146.20	149.87
G 30.0	142.79	141.01	140.38	137.46	132.29	126.06	120.59	123.08	131.75	139.00	144.23	146.39
G 35.0	137.46	134.85	133.35	130.84	124.91	116.99	111.14	114.64	125.02	134.28	139.14	139.27
G 40.0	133.01	130.53	127.71	122.74	115.67	106.52	100.17	104.85	116.66	127.56	131.77	134.17
G 45.0	127.52	125.35	121.82	114.44	104.77	95.12	88.42	94.55	107.26	118.58	125.83	128.62
G 50.0	121.42	119.29	115.21	105.69	93.35	83.70	77.16	83.95	96.78	109.35	119.04	122.99
G 55.0	115.58	113.27	107.62	95.68	82.18	73.15	66.46	73.53	85.57	99.77	111.71	117.00
G 60.0	111.94	109.06	101.33	85.41	71.17	63.29	56.55	63.78	74.57	89.43	104.36	111.67
G 65.0	108.25	105.16	96.03	76.75	60.44	53.65	46.86	54.77	63.99	79.44	98.04	107.72
G 70.0	103.89	100.75	90.61	69.94	51.26	44.31	37.54	45.81	54.17	71.33	92.78	103.49
G 75.0	98.20	95.36	84.19	63.50	44.60	35.55	27.63	37.05	46.42	65.26	86.95	98.48
G 80.0	91.59	88.30	76.31	55.81	38.69	28.03	17.95	29.07	40.73	59.29	80.11	92.02
G 85.0	83.95	79.91	67.13	46.81	31.36	21.64	8.59	22.45	34.73	51.53	71.92	84.71
G 90.0	71.96	67.67	54.14	36.53	23.02	13.38	0.61	14.67	26.96	42.20	61.90	75.35
G 95.0	51.05	47.24	36.78	24.87	13.11	4.31	0.13	4.96	16.14	31.51	47.93	59.47
G100.0	27.98	26.28	19.60	13.13	3.81	0.53	0.23	0.71	5.15	18.36	29.03	37.49
G105.0	14.56	14.00	4.52	3.06	0.11	0.11	0.15	0.13	0.38	4.29	6.50	19.03
G110.0	7.28	7.03	1.41	0.20	0.08	0.08	0.08	0.09	0.11	0.12	1.95	9.48
G115.0	3.64	3.51	0.71	0.12	0.04	0.04	0.04	0.04	0.06	0.06	0.97	4.72
G120.0	1.82	1.76	0.36	0.06	0.02	0.02	0.02	0.02	0.03	0.03	0.48	2.35
G125.0	0.91	0.86	0.17	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.23	1.18
G130.0	0.00	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04
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	LU1X 8.5W FR 24	Code	CLF1414/05-15I	Code	XENON 8.5W OP 24V	
Name	LU1X-1000 IP20 17x12V8.5WFR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17	
Line	AGABEKOV	Date	01-04-2005	Position	-	
Efficiency	61.52%	Coordinate system	C-G	Total Flux	1185.07 lm	
Maximum value	152.28 cd/klm	Position	C=180.00 G=15.00			
Rectangular Luminaire	Length	1000 mm	Width	24 mm	Height	25 mm
Rectangular Luminous Area	Length	1000 mm	Width	20 mm	Height	23
Horizontal Luminous Area	0.020000 m2	Emitting area on Plane 180°	0.023000 m2			
Emitting area on Plane 0°	0.023000 m2	Emitting area on Plane 270°	0.000460 m2			
Emitting area on Plane 90°	0.000460 m2	Glare area at 76°	0.027155 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					

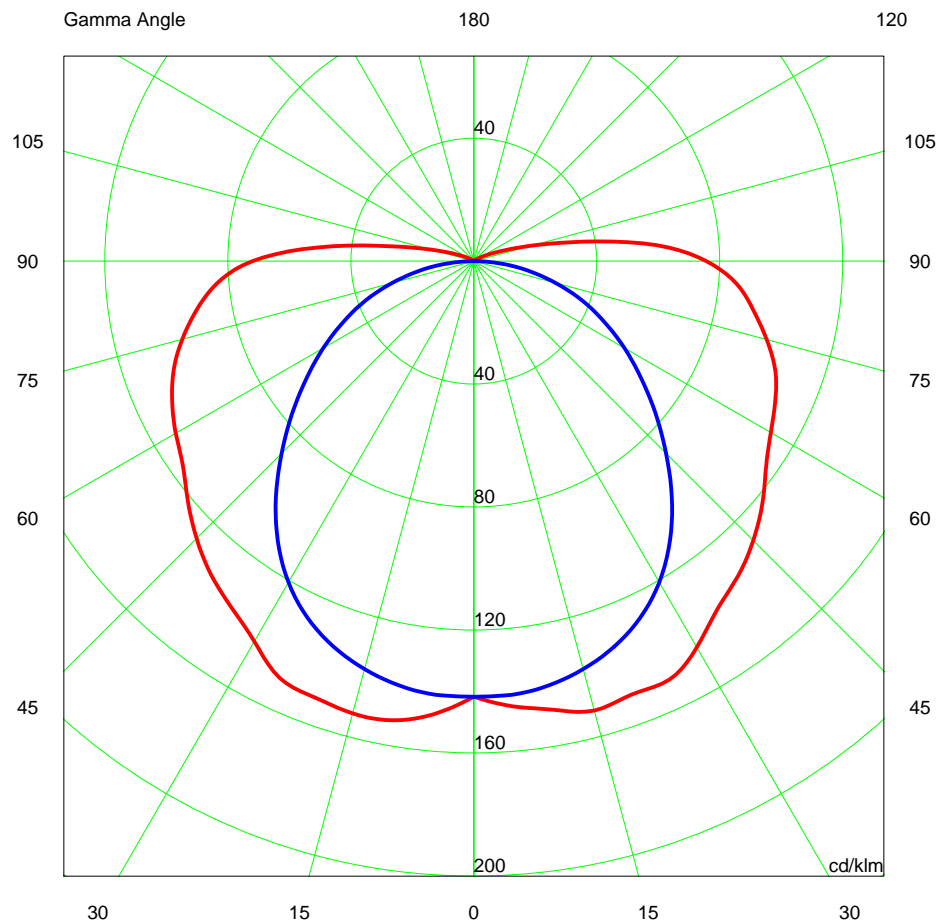
Luminaire Lamps					
Line	Code	Name	Flux[lm]	Pow.[w]	Qta
AGABEKOV	XENON 8.5W OP 24V	XENON RIGID LOOP LAMP 8.5W OP	69.71	8.0	17
C.I.E.	7	D DIN 5040	A21		
F UTE	0.57 H + 0.04 T	B NBN	BZ 6		

1000mm x 24mm



C Halfplanes
 180.0 — 0.0
 90.0 — 270.0

ULOR 4.04
 DLOR 57.47



Luminaire		Measurement		Lamp	
Code	LU1X 8.5W FR 24	Code	CLF1414/05-15I	Code	XENON 8.5W OP 24V
Name	LU1X-1000 IP20 17x12V8.5WFR	Name	LU1X-1000 IP20 17x12V 5W FROS	Number	17
Line	AGABEKOV	Date	01-04-2005	Position	-

Efficiency	61.52%	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	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	145.31	144.33	142.92	141.18	139.51	140.17	141.58	143.14	144.51	145.51	146.37	147.32
G 10.0	148.13	149.18	145.32	143.04	140.29	139.18	140.11	142.74	145.34	147.65	149.01	150.49
G 15.0	151.30	151.38	147.37	144.57	140.18	136.98	137.36	141.55	144.39	147.54	149.14	150.44
G 20.0	150.00	150.69	147.96	144.72	138.98	134.51	133.40	138.34	142.22	145.11	147.04	148.97
G 25.0	150.21	150.14	146.13	142.73	136.40	129.85	127.97	133.14	138.17	141.90	144.77	146.91
G 30.0	145.00	146.49	144.20	139.00	131.75	123.08	120.59	126.06	132.29	137.46	140.38	141.01
G 35.0	138.13	139.22	139.17	134.29	125.01	114.64	111.14	116.99	124.91	130.84	133.35	134.85
G 40.0	133.65	134.34	131.71	127.58	116.66	104.85	100.17	106.52	115.67	122.74	127.71	130.53
G 45.0	128.49	128.68	125.80	118.59	107.26	94.55	88.41	95.12	104.77	114.44	121.82	125.35
G 50.0	122.50	123.07	119.01	109.37	96.78	83.95	77.16	83.70	93.35	105.69	115.21	119.29
G 55.0	116.04	117.12	111.66	99.78	85.57	73.53	66.46	73.15	82.18	95.68	107.62	113.27
G 60.0	111.51	111.79	104.30	89.45	74.57	63.78	56.55	63.29	71.17	85.41	101.33	109.06
G 65.0	108.13	107.84	97.98	79.46	63.98	54.77	46.86	53.65	60.44	76.75	96.03	105.16
G 70.0	104.32	103.59	92.73	71.35	54.16	45.81	37.54	44.31	51.26	69.94	90.61	100.75
G 75.0	98.59	98.58	86.90	65.28	46.41	37.05	27.63	35.55	44.60	63.50	84.19	95.36
G 80.0	92.34	92.09	80.07	59.31	40.73	29.08	17.95	28.03	38.69	55.81	76.31	88.30
G 85.0	85.89	84.76	71.90	51.54	34.73	22.45	8.59	21.64	31.36	46.81	67.13	79.91
G 90.0	75.57	75.36	61.89	42.20	26.96	14.67	0.61	13.38	23.02	36.53	54.14	67.67
G 95.0	59.53	59.47	47.94	31.51	16.14	4.96	0.13	4.31	13.11	24.87	36.78	47.24
G100.0	36.46	37.49	29.05	18.35	5.16	0.75	0.23	0.53	3.81	13.13	19.60	26.28
G105.0	19.48	19.03	6.57	4.29	0.38	0.16	0.15	0.11	0.11	3.06	4.52	14.00
G110.0	9.74	9.48	2.01	0.23	0.11	0.09	0.08	0.08	0.08	0.20	1.41	7.03
G115.0	4.87	4.72	1.01	0.13	0.06	0.04	0.04	0.04	0.04	0.12	0.71	3.51
G120.0	2.43	2.35	0.51	0.07	0.03	0.02	0.02	0.02	0.02	0.06	0.36	1.76
G125.0	1.22	1.18	0.24	0.03	0.01	0.01	0.01	0.01	0.01	0.03	0.17	0.86
G130.0	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03
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	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67	141.67
G 5.0	147.82	147.32	146.37	145.51	144.51	143.14	141.58	140.17	139.51	141.18	142.92	144.33
G 10.0	151.61	150.49	149.01	147.65	145.34	142.74	140.11	139.18	140.29	143.04	145.31	149.17
G 15.0	152.28	150.44	149.14	147.54	144.39	141.55	137.36	136.98	140.18	144.57	147.38	151.25
G 20.0	151.05	148.97	147.04	145.11	142.22	138.34	133.40	134.51	138.98	144.71	148.00	150.55
G 25.0	149.51	146.91	144.77	141.90	138.17	133.14	127.97	129.85	136.40	142.72	146.20	149.87
G 30.0	142.79	141.01	140.38	137.46	132.29	126.06	120.59	123.08	131.75	139.00	144.23	146.39
G 35.0	137.46	134.85	133.35	130.84	124.91	116.99	111.14	114.64	125.02	134.28	139.14	139.27
G 40.0	133.01	130.53	127.71	122.74	115.67	106.52	100.17	104.85	116.66	127.56	131.77	134.17
G 45.0	127.52	125.35	121.82	114.44	104.77	95.12	88.42	94.55	107.26	118.58	125.83	128.62
G 50.0	121.42	119.29	115.21	105.69	93.35	83.70	77.16	83.95	96.78	109.35	119.04	122.99
G 55.0	115.58	113.27	107.62	95.68	82.18	73.15	66.46	73.53	85.57	99.77	111.71	117.00
G 60.0	111.94	109.06	101.33	85.41	71.17	63.29	56.55	63.78	74.57	89.43	104.36	111.67
G 65.0	108.25	105.16	96.03	76.75	60.44	53.65	46.86	54.77	63.99	79.44	98.04	107.72
G 70.0	103.89	100.75	90.61	69.94	51.26	44.31	37.54	45.81	54.17	71.33	92.78	103.49
G 75.0	98.20	95.36	84.19	63.50	44.60	35.55	27.63	37.05	46.42	65.26	86.95	98.48
G 80.0	91.59	88.30	76.31	55.81	38.69	28.03	17.95	29.07	40.73	59.29	80.11	92.02
G 85.0	83.95	79.91	67.13	46.81	31.36	21.64	8.59	22.45	34.73	51.53	71.92	84.71
G 90.0	71.96	67.67	54.14	36.53	23.02	13.38	0.61	14.67	26.96	42.20	61.90	75.35
G 95.0	51.05	47.24	36.78	24.87	13.11	4.31	0.13	4.96	16.14	31.51	47.93	59.47
G100.0	27.98	26.28	19.60	13.13	3.81	0.53	0.23	0.71	5.15	18.36	29.03	37.49
G105.0	14.56	14.00	4.52	3.06	0.11	0.11	0.15	0.13	0.38	4.29	6.50	19.03
G110.0	7.28	7.03	1.41	0.20	0.08	0.08	0.08	0.09	0.11	0.12	1.95	9.48
G115.0	3.64	3.51	0.71	0.12	0.04	0.04	0.04	0.04	0.06	0.06	0.97	4.72
G120.0	1.82	1.76	0.36	0.06	0.02	0.02	0.02	0.02	0.03	0.03	0.48	2.35
G125.0	0.91	0.86	0.17	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.23	1.18
G130.0	0.00	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04
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