

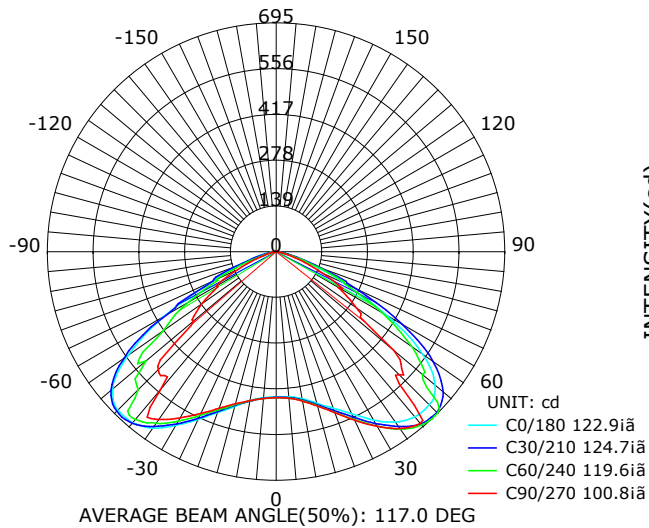
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: GO2020-039

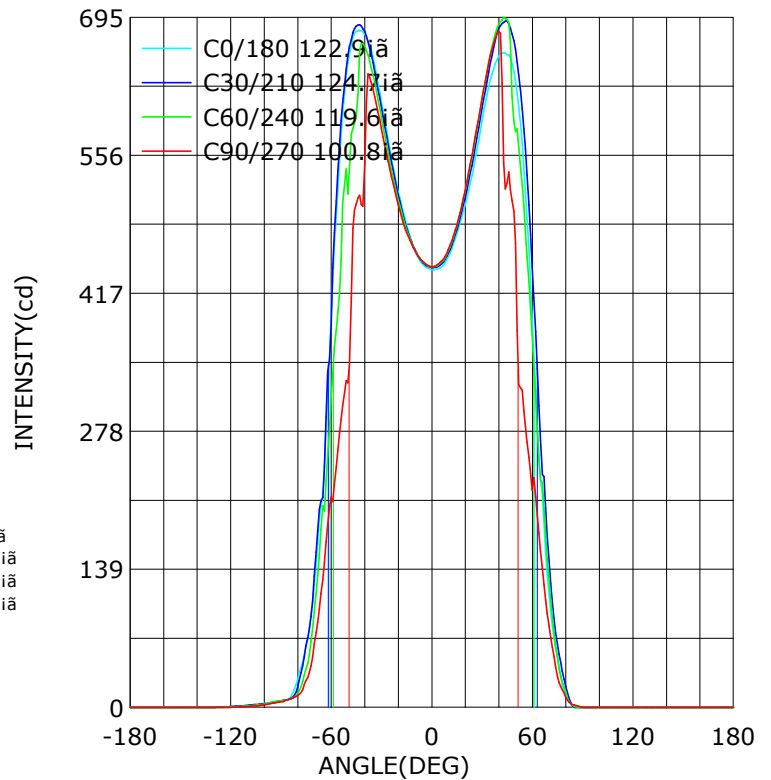
MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

DATA OF LAMP		Imax(cd)	706.3	S/MH(C0/180)	1.98
MODEL	Mod. N7	EFFICIENCY(%)	79.4	S/MH(C90/270)	1.60
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	2071.4	Voltage(V)	224.8
RATED VOLTAGE(V)	224	EFFICIENCY(lm/W)	108.9	Current(A)	0.096
NOMINAL FLUX(lm)	2608.0	η up(%)	0.1	Power(W)	19.02
LAMPS QUANTITY	1	η down(%)	79.3	Power Factor(PF)	0.878
TEST VOLTAGE(V)	224.9	Effective Flux(lm)	0.0	EEl	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



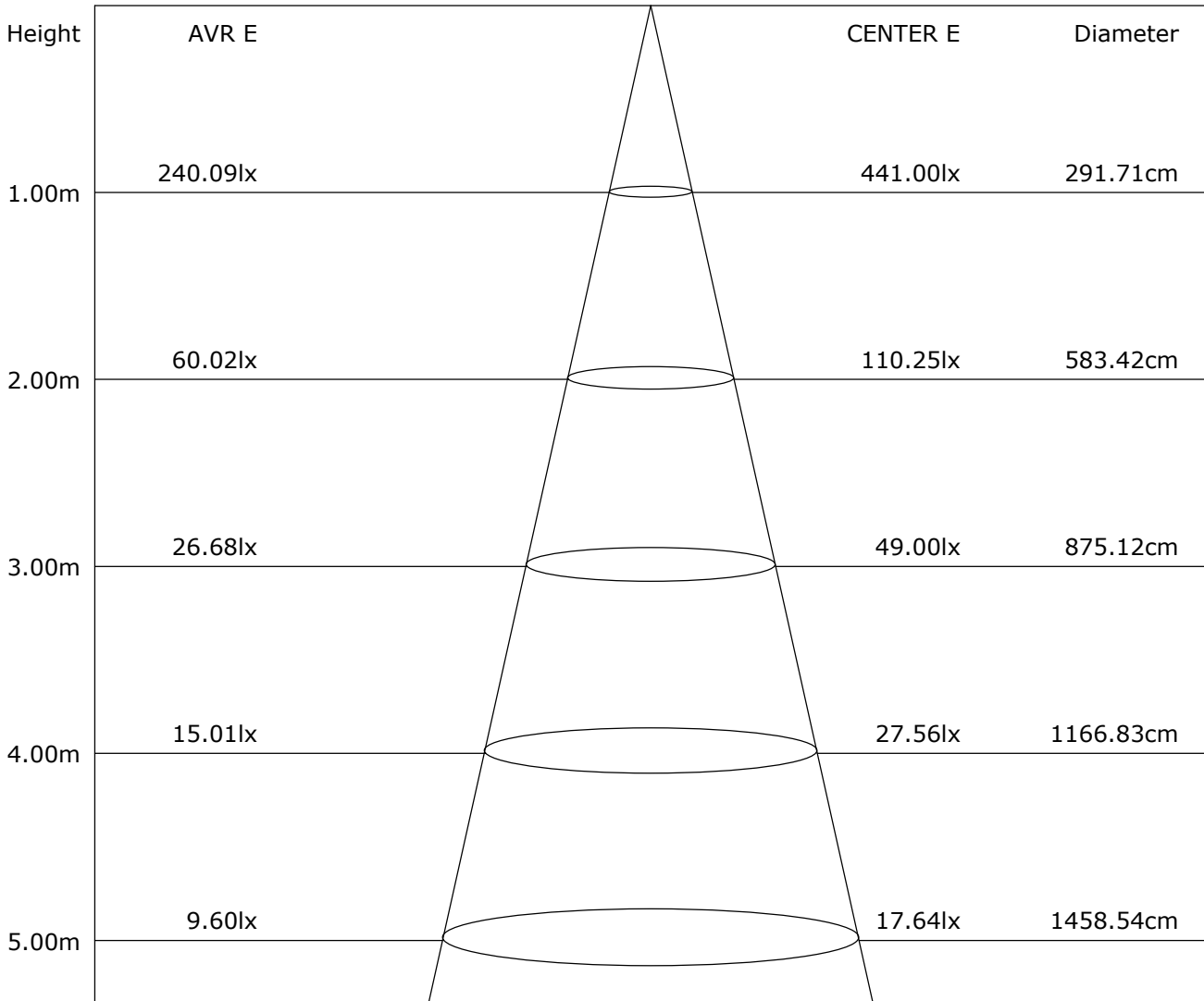
Test System: LSG-1800
Temperature: 23DEG
Operators: A
Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: Alim 700 mA

AVERAGE AND CENTER E Figure

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:



Angle: 111.1deg

Test System: LSG-1800
 Temperature: 23DEG
 Operators: A
 Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: Alim 700 mA

ZONAL FLUX DIAGRAM

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	445.3	448.1	448.4	447.5	442.5	446.1	447.8	448.7	0- 5	10.65	10.65
10.0	459.6	461.6	459.8	460.0	453.2	458.5	461.1	463.2	5- 10	32.44	43.09
15.0	486.6	483.3	478.3	480.8	476.8	482.6	485.6	488.6	10- 15	55.97	99.07
20.0	519.6	514.2	506.6	510.2	505.8	516.6	520.5	523.2	15- 20	82.32	181.3
25.0	562.2	553.2	542.5	547.0	543.5	561.6	564.7	569.0	20- 25	112.3	293.7
30.0	609.1	597.2	582.7	589.2	590.3	609.7	612.5	619.7	25- 30	146.6	440.4
35.0	654.1	637.7	622.2	630.7	631.8	656.4	656.0	666.6	30- 35	184.1	624.6
40.0	677.8	668.2	548.2	661.7	655.6	691.4	680.7	698.5	35- 40	220.7	845.3
45.0	680.6	678.3	506.6	668.1	657.2	702.0	528.5	703.9	40- 45	244.3	1090
50.0	648.5	636.3	326.6	642.7	630.3	673.8	467.3	672.4	45- 50	253.0	1343
55.0	548.7	543.2	275.6	547.2	544.0	591.2	298.7	593.1	50- 55	236.7	1579
60.0	395.7	389.7	211.7	401.7	391.7	457.6	218.6	454.1	55- 60	198.3	1778
65.0	212.1	232.0	128.9	229.0	230.2	287.5	156.8	283.4	60- 65	139.9	1918
70.0	122.5	115.5	63.70	123.6	113.6	162.5	81.80	161.6	65- 70	84.63	2002
75.0	60.90	42.69	27.00	49.90	50.40	70.70	31.00	72.79	70- 75	41.58	2044
80.0	27.20	12.30	11.70	12.00	11.20	23.70	9.800	25.40	75- 80	17.22	2061
85.0	8.500	4.500	8.100	3.600	0	4.600	2.300	4.600	80- 85	5.102	2066
90.0	6.400	3.700	5.500	2.500	0	2.000	0.200	2.200	85- 90	1.849	2068
95.0	5.500	2.600	4.200	1.400	0	1.400	0	1.100	90- 95	1.324	2070
100.0	3.700	1.000	2.300	1.000	0	0.900	0	0.500	95-100	0.878	2070
105.0	2.800	0.500	1.400	0.500	0	0.300	0	0.200	100-105	0.502	2071
110.0	2.000	0	0.800	0	0	0	0	0	105-110	0.281	2071
115.0	1.300	0	0.400	0	0	0	0	0	110-115	0.160	2071
120.0	0.800	0	0	0	0	0	0	0	115-120	0.086	2071
125.0	0.300	0	0	0	0	0	0	0	120-125	0.034	2071
130.0	0	0	0	0	0	0	0	0	125-130	0.006	2071
135.0	0	0	0	0	0	0	0	0	130-135	0	2071
140.0	0	0	0	0	0	0	0	0	135-140	0	2071
145.0	0	0	0	0	0	0	0	0	140-145	0	2071
150.0	0	0	0	0	0	0	0	0	145-150	0	2071
155.0	0	0	0	0	0	0	0	0	150-155	0	2071
160.0	0	0	0	0	0	0	0	0	155-160	0	2071
165.0	0	0	0	0	0	0	0	0	160-165	0	2071
170.0	0	0	0	0	0	0	0	0	165-170	0	2071
175.0	0	0	0	0	0	0	0	0	170-175	0	2071
180.0	0	0	0	0	0	0	0	0	175-180	0	2071
DEG	LUMINOUS INTENSITY: cd									UNIT: lm	

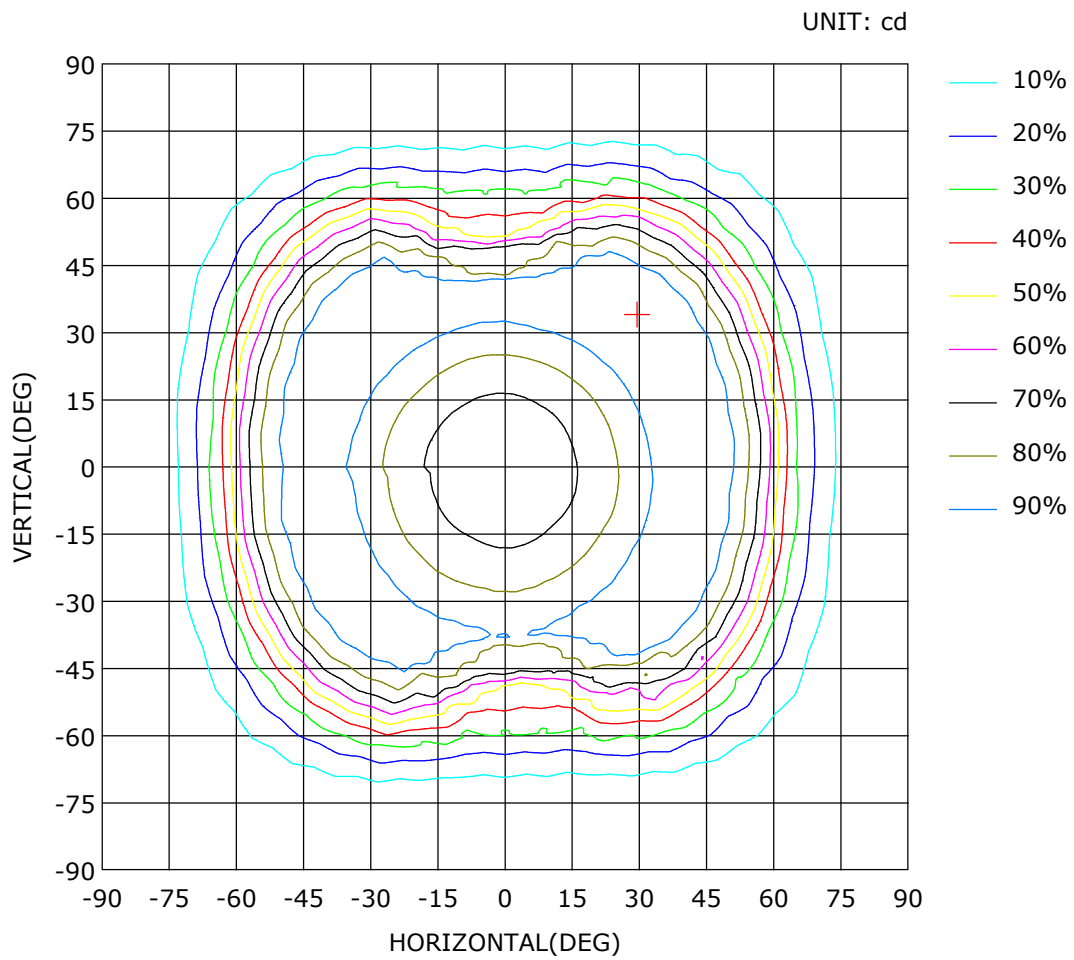
Test System: LSG-1800
Temperature: 23DEG
Operators: A
Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: Alim 700 mA

ISOCANDELA DIAGRAM

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:



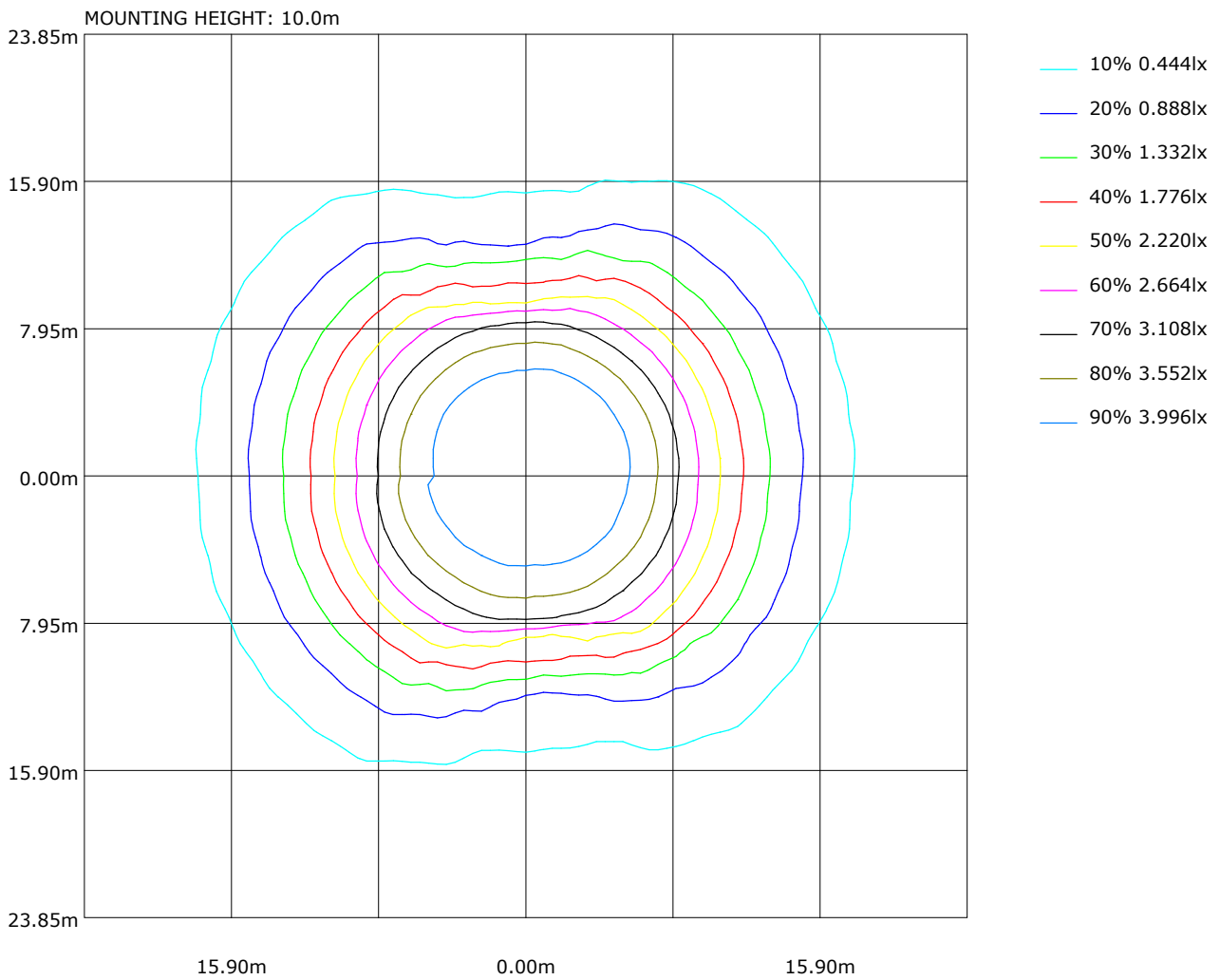
Test System: LSG-1800
 Temperature: 23DEG
 Operators: A
 Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: Alim 700 mA

ISOLUX DIAGRAM

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:



Test System: LSG-1800
 Temperature: 23DEG
 Operators: A
 Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: Alim 700 mA

AREA LUMINOUS FLUX

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

VERTICAL(DEG)	AREA FLUX DIAGRAM																	UNIT: lm		Φt	Φa
	0.00	0.01	0.01	0.03	0.05	0.08	0.10	0.12	0.14	0.15	0.12	0.12	0.09	0.05	0.03	0.02	0.01	0.01			
90	0.00	0.01	0.01	0.03	0.05	0.08	0.10	0.12	0.14	0.15	0.12	0.12	0.09	0.05	0.03	0.02	0.01	0.01	1.13	0.00	
80	0.00	0.01	0.08	0.27	0.57	0.91	1.10	1.13	1.21	1.23	1.29	1.29	1.00	0.60	0.25	0.09	0.02	0.01	11.1	2.40	
70	0.00	0.06	0.38	1.06	2.32	3.94	4.80	4.67	4.83	4.84	5.26	5.17	3.91	2.28	1.02	0.32	0.08	0.01	44.9	42.4	
60	0.00	0.15	0.77	2.44	5.56	9.37	11.2	9.89	9.16	9.93	12.0	12.3	9.41	5.38	2.33	0.71	0.15	0.01	101	99.7	
50	0.01	0.24	1.27	4.35	9.72	14.6	17.3	17.3	16.8	17.6	18.8	17.9	14.6	9.44	4.10	1.21	0.24	0.02	166	165	
40	0.01	0.32	1.92	6.47	12.6	16.9	19.1	19.8	19.8	20.0	19.9	19.1	16.9	12.5	6.16	1.86	0.33	0.02	194	194	
30	0.02	0.41	2.49	8.15	13.9	17.1	17.9	17.6	17.2	17.4	17.8	18.2	17.3	13.9	7.92	2.40	0.42	0.03	191	190	
	0.01	0.48	2.98	9.07	14.3	16.4	16.3	15.5	14.9	15.0	15.7	16.7	16.8	14.5	8.99	2.90	0.51	0.04	182	181	
	0.01	0.48	3.19	9.48	14.2	15.8	15.2	14.2	13.7	13.8	14.5	15.7	16.3	14.5	9.55	3.15	0.55	0.04	175	174	
	0.01	0.46	3.09	9.34	14.2	15.9	15.3	14.3	13.7	13.7	14.4	15.5	16.1	14.4	9.33	3.05	0.53	0.04	174	174	
	0.01	0.42	2.82	8.93	14.2	16.3	16.1	15.2	14.7	14.7	15.4	16.3	16.5	14.3	8.84	2.78	0.46	0.03	178	178	
-30	0.01	0.38	2.35	7.68	13.6	16.6	17.3	16.9	16.6	16.6	17.2	17.5	16.9	13.7	7.66	2.33	0.41	0.03	184	184	
-40	0.01	0.32	1.71	5.84	12.0	16.3	18.2	18.8	18.7	18.5	18.6	18.4	16.5	12.0	5.82	1.74	0.34	0.02	184	184	
-50	0.01	0.24	1.13	3.76	8.72	13.8	16.9	17.1	15.2	14.0	14.8	15.3	13.1	8.41	3.67	1.18	0.24	0.02	148	147	
-60	0.01	0.14	0.67	2.07	4.79	8.38	11.1	10.5	8.57	8.08	8.18	9.09	7.80	4.60	2.02	0.70	0.13	0.01	87.0	85.5	
-70	0.01	0.07	0.30	0.89	1.93	3.36	4.40	4.38	3.94	3.87	3.58	3.69	2.98	1.78	0.85	0.31	0.07	0.01	36.4	32.1	
-80	0.01	0.04	0.09	0.22	0.45	0.70	0.87	0.85	0.82	0.79	0.73	0.72	0.62	0.42	0.22	0.10	0.05	0.01	7.72	0.00	
-90	0.01	0.03	0.05	0.08	0.11	0.14	0.16	0.17	0.19	0.20	0.19	0.17	0.16	0.13	0.10	0.07	0.04	0.01	2.01	0.00	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90	
Φt	0.17	4.24	25.3	80.2	144	187	204	199	191	191	199	204	188	143	78.9	24.9	4.59	0.37	2071		
Φa	0.00	1.28	22.9	78.2	142	185	202	197	188	189	197	202	186	141	76.9	22.6	1.52	0.00		2032	

Test System: LSG-1800
 Temperature: 23DEG
 Operators: A
 Test Date: 06-03-2020

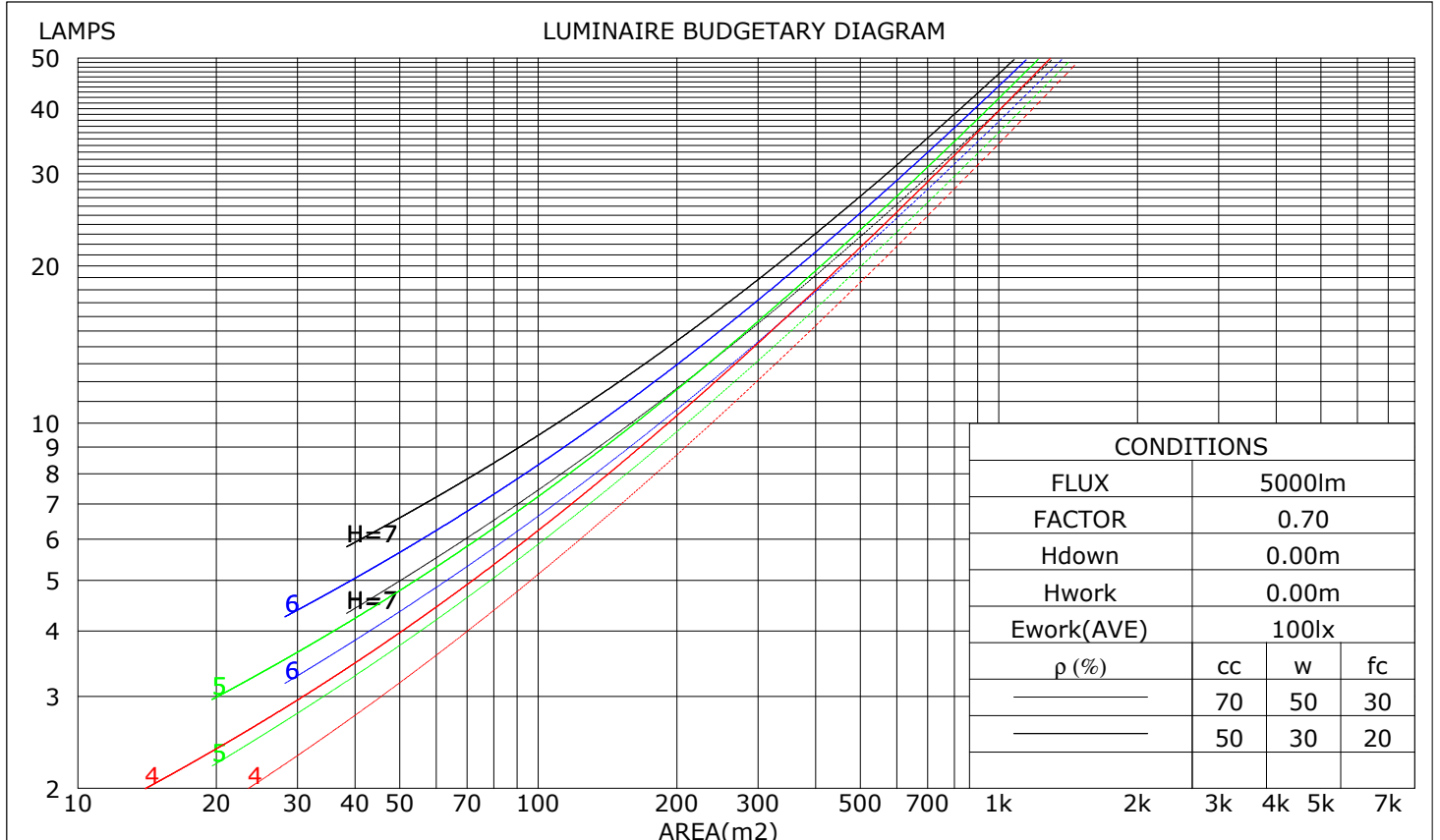
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks Alim 700 mA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)			
NAME: Mod. N7	TYPE:	WEIGHT:		
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ffc	20%			20%			20%			20%			20%			0
RCR	RCR: Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	.95	.95	.95	.92	.92	.92	.88	.88	.88	.84	.84	.84	.81	.81	.81	.79
1.0	.84	.81	.78	.82	.79	.76	.78	.76	.74	.75	.74	.72	.73	.71	.70	.68
2.0	.73	.68	.64	.72	.67	.63	.69	.65	.61	.66	.63	.60	.64	.61	.59	.57
3.0	.64	.58	.53	.63	.57	.52	.60	.55	.51	.58	.54	.50	.56	.52	.49	.48
4.0	.56	.49	.44	.55	.49	.44	.53	.47	.43	.51	.46	.42	.50	.45	.42	.40
5.0	.50	.43	.37	.49	.42	.37	.47	.41	.37	.46	.40	.36	.44	.39	.36	.34
6.0	.44	.37	.32	.44	.37	.32	.42	.36	.31	.41	.35	.31	.39	.35	.31	.29
7.0	.40	.33	.28	.39	.32	.28	.38	.32	.27	.37	.31	.27	.36	.31	.27	.25
8.0	.36	.29	.24	.35	.29	.24	.34	.28	.24	.33	.28	.24	.32	.27	.24	.22
9.0	.33	.26	.21	.32	.26	.21	.31	.25	.21	.30	.25	.21	.29	.24	.21	.19
10.0	.30	.23	.19	.29	.23	.19	.28	.23	.19	.28	.22	.19	.27	.22	.19	.17



Test System: LSG-1800
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WEC AND CCEC

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ρcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR: Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.223	.127	.040	.218	.124	.039	.207	.119	.038	.198	.114	.037	.189	.109	.035		
2.0	.219	.120	.037	.214	.118	.036	.205	.114	.035	.197	.110	.035	.189	.107	.034		
3.0	.208	.111	.033	.204	.109	.033	.196	.106	.032	.188	.103	.032	.181	.100	.031		
4.0	.196	.102	.030	.192	.100	.030	.185	.098	.029	.178	.096	.029	.172	.093	.028		
5.0	.183	.093	.027	.180	.092	.027	.173	.090	.027	.167	.088	.026	.162	.086	.026		
6.0	.171	.086	.025	.168	.085	.024	.162	.083	.024	.157	.082	.024	.152	.080	.024		
7.0	.160	.079	.022	.158	.079	.022	.152	.077	.022	.148	.076	.022	.143	.074	.022		
8.0	.150	.074	.021	.148	.073	.021	.143	.072	.020	.139	.070	.020	.135	.069	.020		
9.0	.141	.068	.019	.139	.068	.019	.135	.067	.019	.131	.066	.019	.127	.065	.019		
10.0	.133	.064	.018	.131	.063	.018	.127	.062	.018	.124	.061	.017	.120	.060	.017		

ρcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR: Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0																	
1.0	.152	.152	.152	.130	.130	.130	.089	.089	.089	.051	.051	.051	.016	.016	.016		
2.0	.143	.125	.109	.122	.107	.094	.083	.074	.065	.048	.043	.038	.015	.014	.012		
3.0	.136	.106	.080	.117	.091	.069	.080	.063	.048	.046	.037	.028	.015	.012	.009		
4.0	.130	.092	.061	.112	.079	.053	.077	.055	.037	.044	.032	.022	.014	.010	.007		
5.0	.125	.081	.048	.107	.070	.041	.074	.049	.029	.043	.029	.017	.014	.009	.006		
6.0	.120	.073	.038	.103	.063	.033	.071	.044	.024	.041	.026	.014	.013	.008	.005		
7.0	.115	.066	.032	.098	.057	.028	.068	.040	.020	.039	.024	.012	.013	.008	.004		
8.0	.109	.061	.027	.094	.053	.024	.065	.037	.017	.038	.022	.010	.012	.007	.003		
9.0	.105	.056	.023	.090	.049	.020	.062	.034	.014	.036	.020	.009	.012	.007	.003		
10.0	.100	.053	.021	.086	.046	.018	.060	.032	.013	.035	.019	.008	.011	.006	.003		
10.0	.096	.049	.018	.082	.043	.016	.057	.030	.011	.033	.018	.007	.011	.006	.002		

Test System: LSG-1800
Temperature: 23DEG
Operators: A
Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: Alim 700 mA

Uncorrected UGR Table

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

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
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	21.3	22.8	21.6	23.0	23.2	18.8	20.3	19.1	20.5	20.8
3H	21.7	23.1	22.0	23.3	23.6	19.0	20.4	19.3	20.6	20.8
4H	21.7	23.0	22.0	23.3	23.5	18.9	20.2	19.2	20.5	20.7
6H	21.6	22.9	22.0	23.2	23.5	18.8	20.1	19.1	20.3	20.6
8H	21.6	22.8	22.0	23.1	23.4	18.8	20.0	19.1	20.2	20.5
12H	21.6	22.7	21.9	23.0	23.3	18.7	19.9	19.1	20.2	20.5
4H 2H	21.5	22.8	21.8	23.1	23.4	19.6	20.9	19.9	21.2	21.4
3H	22.0	23.1	22.3	23.4	23.7	19.8	21.0	20.2	21.3	21.6
4H	22.1	23.1	22.4	23.4	23.8	19.8	20.8	20.1	21.1	21.5
6H	22.0	23.0	22.4	23.3	23.7	19.7	20.6	20.1	21.0	21.3
8H	22.0	22.9	22.4	23.2	23.6	19.7	20.5	20.1	20.9	21.3
12H	22.0	22.8	22.4	23.1	23.6	19.6	20.4	20.1	20.8	21.2
8H 4H	22.0	22.8	22.4	23.2	23.6	19.8	20.6	20.2	21.0	21.4
6H	22.0	22.7	22.4	23.1	23.5	19.7	20.4	20.2	20.8	21.3
8H	22.0	22.6	22.4	23.0	23.5	19.7	20.3	20.2	20.7	21.2
12H	22.0	22.5	22.4	22.9	23.4	19.7	20.2	20.2	20.7	21.1
12H 4H	21.9	22.7	22.4	23.1	23.5	19.7	20.5	20.2	20.9	21.3
6H	22.0	22.6	22.4	23.0	23.5	19.7	20.3	20.2	20.7	21.2
8H	22.0	22.5	22.4	22.9	23.4	19.7	20.2	20.2	20.6	21.1

Variations with the observer position at spacings:		
S = 1.0H	+ 0.2 / - 0.3	+ 0.8 / - 1.3
1.5H	+ 0.9 / - 1.5	+ 0.9 / - 1.2
2.0H	+ 1.0 / - 1.8	+ 1.9 / - 1.7

CIE Pub.117 Corrected 2608 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.3)

Test System: LSG-1800
Temperature: 23DEG
Operators: A
Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks Alim 700 mA

UTILIZATION FACTORS TABLE

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	43	33	27	42	33	27	41	33	27	22
0.80	52	42	36	51	42	36	50	41	36	30
1.00	60	51	45	59	51	45	57	52	44	39
1.25	66	58	52	65	57	52	63	56	51	46
1.50	70	63	57	69	62	57	67	61	56	50
2.00	76	70	65	75	69	64	72	67	63	57
2.50	79	73	69	78	72	68	75	70	67	60
3.00	82	77	73	80	76	72	77	73	70	64
4.00	85	81	77	83	79	76	80	77	74	67
5.00	87	83	80	85	82	79	81	79	76	69
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

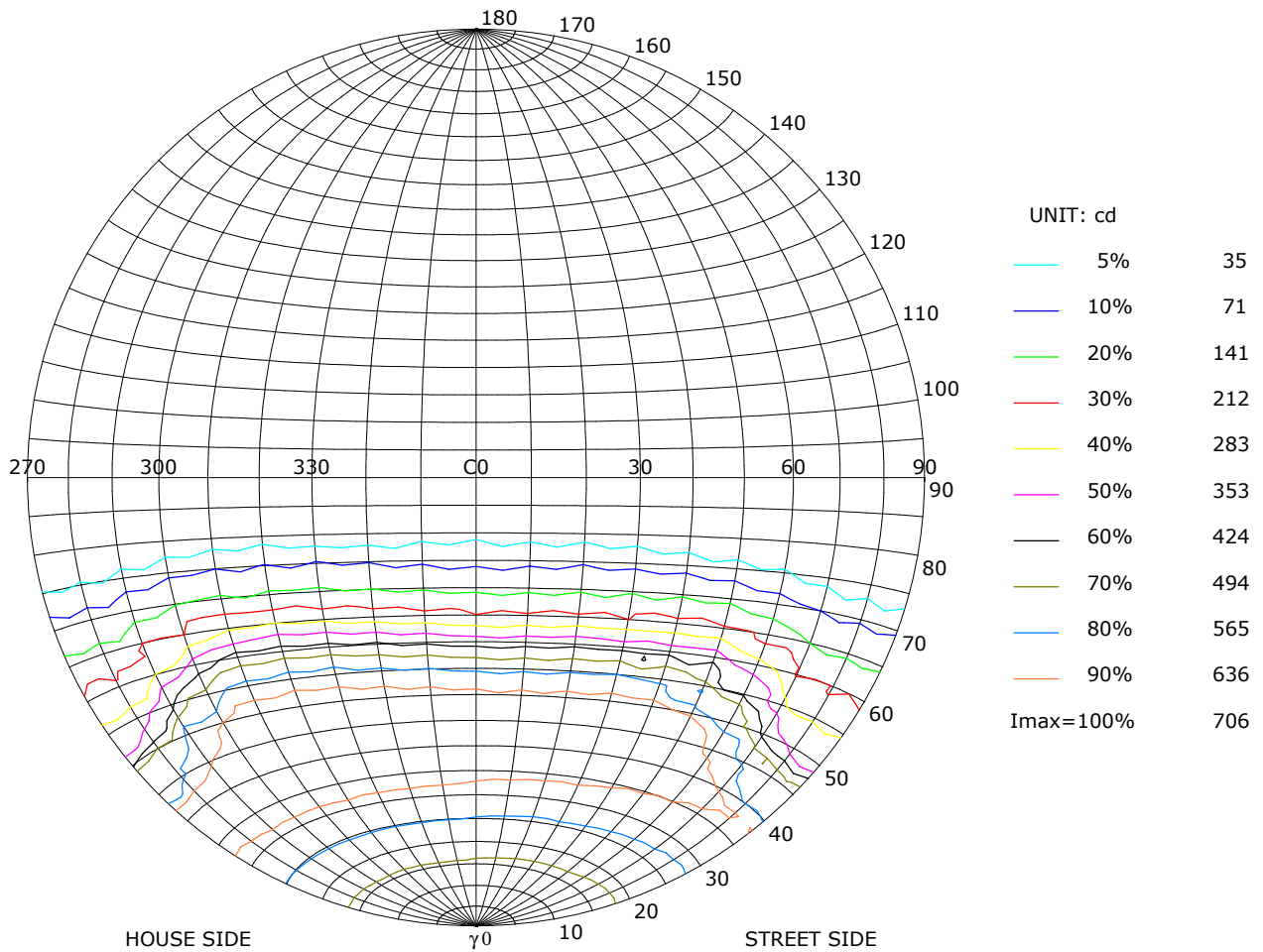
Test System: LSG-1800
Temperature: 23DEG
Operators: A
Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: Alim 700 mA

ISOCANDELA DIAGRAM

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:



Test System: LSG-1800
 Temperature: 23DEG
 Operators: A
 Test Date: 06-03-2020

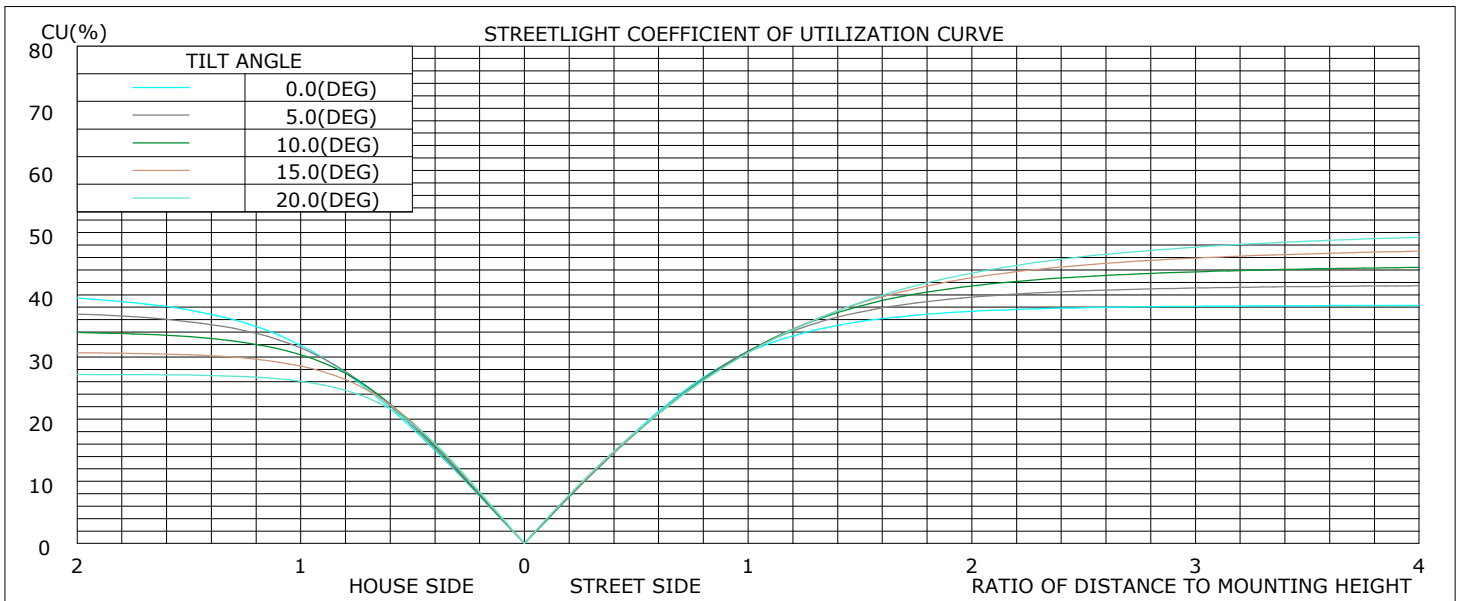
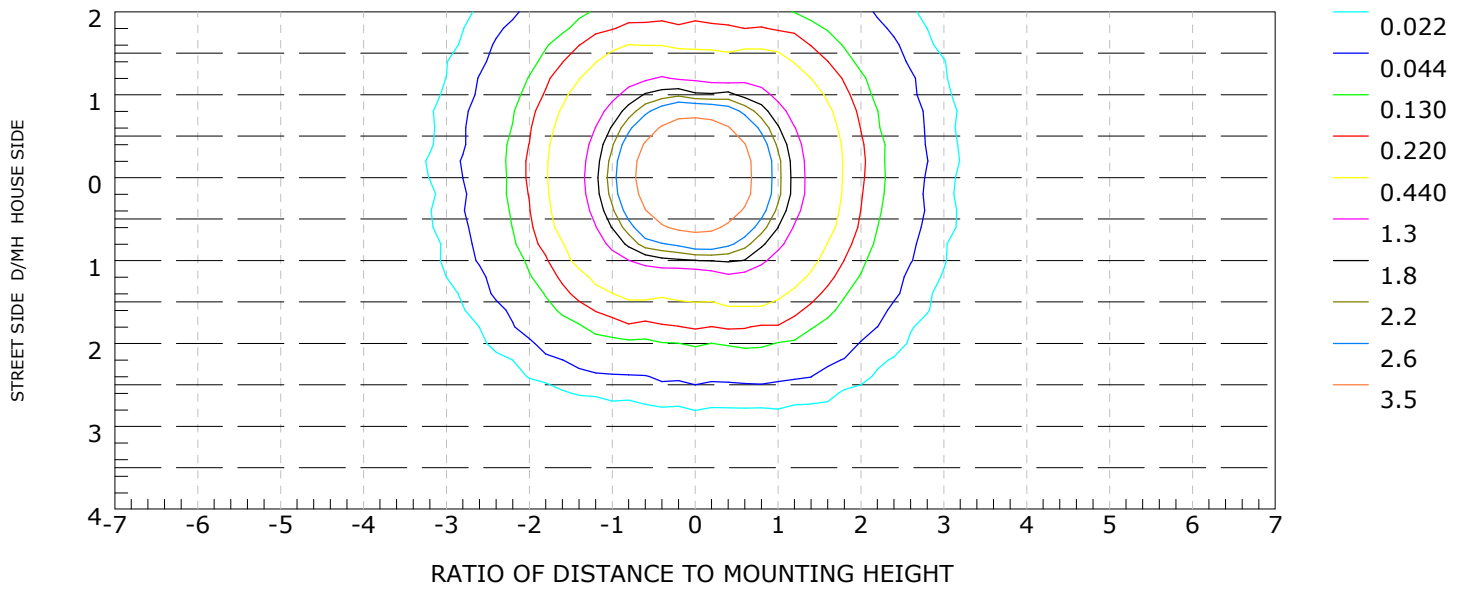
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: Alim 700 mA

ISOLUX DIAGRAM

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 4.41 lx



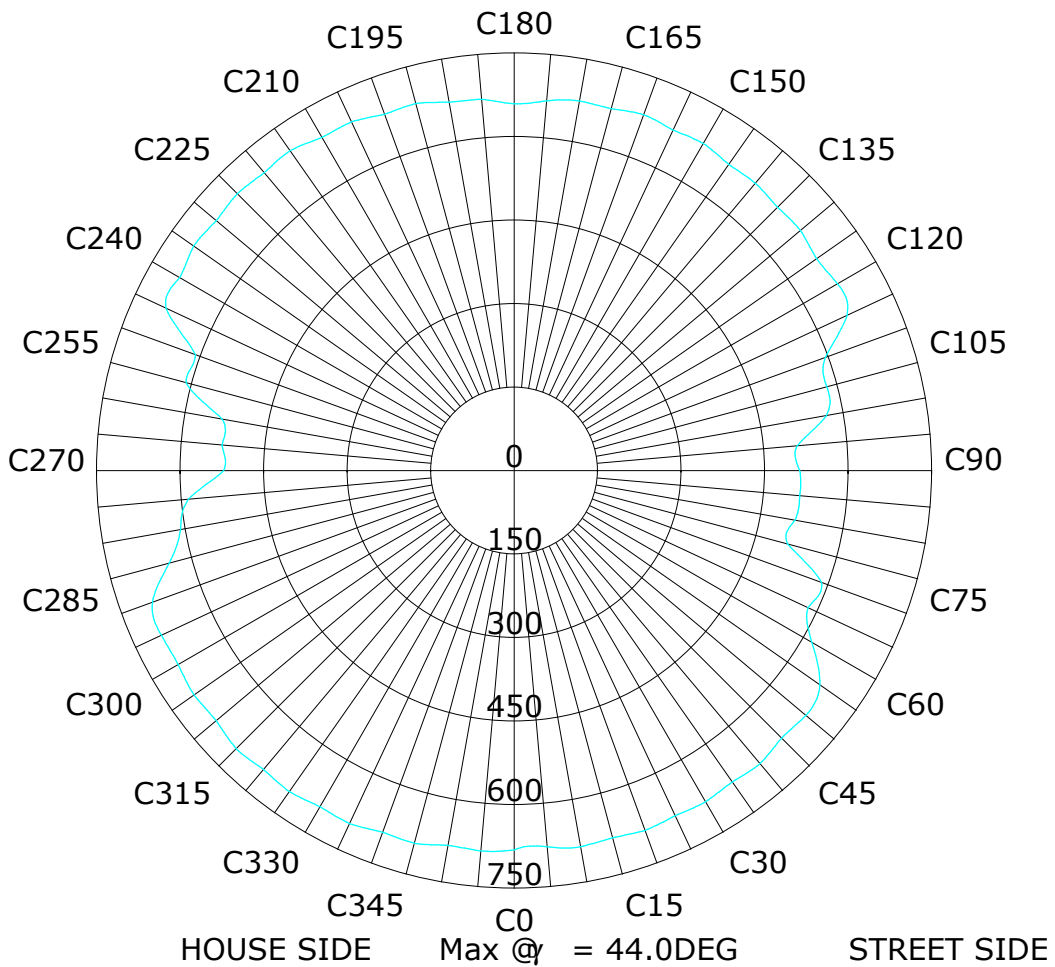
Test System: LSG-1800
Temperature: 23DEG
Operators: A
Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: Alim 700 mA

ISOCANDELA DIAGRAM

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:



Test System: LSG-1800
 Temperature: 23DEG
 Operators: A
 Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: Alim 700 mA

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0.0	441	442	442	442	443	443	443	444	444	444	444	444	444	443	444
5.0	445	446	446	447	447	448	447	448	448	448	448	449	448	448	448
10.0	460	460	460	461	460	461	461	462	461	462	461	461	460	460	460
15.0	487	486	485	485	484	484	483	483	483	483	483	482	481	480	480
20.0	520	518	518	517	516	516	516	516	516	514	514	512	511	509	509
25.0	562	560	559	558	556	556	558	557	556	553	552	551	549	546	547
30.0	609	606	606	604	602	602	604	601	600	597	598	595	594	592	588
35.0	654	650	652	650	649	646	649	644	643	638	639	635	636	631	629
40.0	678	675	680	677	680	676	681	673	674	668	670	663	666	657	617
45.0	681	677	685	681	686	682	686	682	686	678	685	671	594	581	550
50.0	649	640	649	643	652	648	656	649	653	636	620	566	517	489	408
55.0	549	539	552	544	558	556	565	554	517	543	546	416	417	372	286
60.0	396	380	396	392	406	399	385	405	384	390	394	333	312	275	207
65.0	212	231	217	229	224	236	211	224	235	232	221	216	203	175	141
70.0	123	113	124	117	129	115	132	114	130	116	120	98.6	95.5	78.0	70.7
75.0	60.9	54.2	63.2	57.9	65.8	56.9	62.0	50.5	55.1	42.6	46.5	36.1	38.6	28.6	29.8
80.0	27.2	21.2	23.4	17.7	23.5	17.5	19.7	14.0	17.9	12.3	16.4	10.7	13.6	8.50	11.5
85.0	8.50	4.50	8.50	4.60	8.29	4.40	8.20	4.40	8.20	4.50	8.29	4.50	7.90	4.40	7.40
90.0	6.40	3.20	6.50	3.50	6.70	3.50	6.40	3.20	6.60	3.70	6.90	3.70	6.50	3.40	5.90
95.0	5.50	2.70	5.40	2.80	5.60	2.50	4.40	1.50	4.30	2.60	5.50	2.80	5.30	2.50	4.60
100.0	3.70	1.20	3.60	1.20	3.60	1.20	3.50	1.10	3.50	1.00	3.40	0.90	3.10	0.70	2.60
105.0	2.80	0.50	2.70	0.60	2.80	0.60	2.80	0.60	2.70	0.50	2.50	0.20	2.10	0.00	1.70
110.0	2.00	0.00	1.90	0.00	1.90	0.00	1.90	0.00	1.90	0.00	1.70	0.00	1.40	0.00	1.10
115.0	1.30	0.00	1.20	0.00	1.20	0.00	1.20	0.00	1.20	0.00	1.10	0.00	0.80	0.00	0.50
120.0	0.80	0.00	0.70	0.00	0.60	0.00	0.70	0.00	0.70	0.00	0.50	0.00	0.30	0.00	0.10
125.0	0.30	0.00	0.20	0.00	0.20	0.00	0.20	0.00	0.30	0.00	0.20	0.00	0.00	0.00	0.00
130.0	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	0.00	0.00
135.0	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	0.00	0.00
140.0	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	0.00	0.00
145.0	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	0.00	0.00
150.0	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	0.00	0.00
155.0	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	0.00	0.00
160.0	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	0.00	0.00
165.0	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	0.00	0.00
170.0	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	0.00	0.00
175.0	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	0.00	0.00
180.0	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	0.00	0.00

Test System: LSG-1800
Temperature: 23DEG
Operators: A
Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: Alim 700 mA

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

UNIT: cd

C(DEG) γ (DEG)	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	444	443	443	444	444	444	444	444	445	445	445	445	445	445	445
5.0	448	448	448	448	448	449	448	448	448	448	448	448	448	447	447
10.0	461	460	459	460	460	459	460	460	460	460	461	460	460	460	460
15.0	480	479	478	478	478	478	479	480	481	481	481	481	481	481	481
20.0	507	507	505	507	505	507	507	508	508	508	508	509	510	510	510
25.0	544	543	541	543	542	544	544	544	543	544	543	546	547	547	546
30.0	584	585	581	583	581	585	585	586	585	586	584	587	589	590	591
35.0	625	623	617	622	622	627	627	628	626	628	626	629	631	635	634
40.0	576	561	582	548	571	608	650	657	654	659	656	661	662	668	664
45.0	500	518	500	507	502	525	580	592	658	672	663	670	668	673	671
50.0	384	325	316	327	372	401	513	551	546	634	627	642	643	652	644
55.0	275	274	264	276	272	287	340	413	459	538	533	550	547	564	560
60.0	214	212	210	212	213	198	257	282	321	396	389	409	402	419	400
65.0	122	129	121	129	122	133	160	186	208	225	232	239	229	240	230
70.0	58.8	65.4	57.0	63.7	58.8	65.8	72.1	86.2	93.9	119	115	132	124	135	124
75.0	22.1	27.2	21.6	27.0	23.0	27.0	26.1	35.0	33.8	46.2	41.9	54.2	49.9	62.5	55.2
80.0	7.60	12.0	7.70	11.7	8.00	10.9	7.70	12.3	9.00	14.4	10.2	16.1	12.0	18.7	15.0
85.0	4.50	8.20	4.60	8.10	4.90	7.10	4.00	7.20	3.80	7.50	3.90	7.40	3.60	7.30	3.40
90.0	3.00	5.60	2.90	5.50	2.80	5.50	2.90	5.80	3.00	6.10	2.80	5.80	2.50	5.60	2.50
95.0	2.00	4.30	1.80	4.20	1.80	4.30	2.00	4.70	2.10	4.90	1.60	4.10	1.40	4.40	2.00
100.0	0.30	2.30	0.20	2.30	0.20	2.50	0.50	2.90	0.80	3.30	0.90	3.30	1.00	3.50	1.10
105.0	0.00	1.40	0.00	1.40	0.00	1.50	0.00	1.90	0.10	2.30	0.40	2.50	0.50	2.70	0.50
110.0	0.00	0.80	0.00	0.80	0.00	0.90	0.00	1.20	0.00	1.60	0.00	1.80	0.00	1.90	0.00
115.0	0.00	0.40	0.00	0.40	0.00	0.50	0.00	0.70	0.00	1.00	0.00	1.20	0.00	1.20	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.50	0.00	0.60	0.00	0.60	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.20	0.00	0.20	0.00
130.0	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	0.00	0.00
135.0	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	0.00	0.00
140.0	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	0.00	0.00
145.0	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	0.00	0.00
150.0	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	0.00	0.00
155.0	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	0.00	0.00
160.0	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	0.00	0.00
165.0	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	0.00	0.00
170.0	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	0.00	0.00
175.0	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	0.00	0.00
180.0	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	0.00	0.00

Test System: LSG-1800
Temperature: 23DEG
Operators: A
Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: Alim 700 mA

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

UNIT: cd

C(DEG) γ (DEG)	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	445	445	445	445	444	444	441	442	442	442	443	443	443	444	444
5.0	447	448	447	447	447	447	443	443	444	444	444	445	445	446	446
10.0	460	460	460	460	459	460	453	454	455	455	456	457	457	458	459
15.0	482	483	482	483	483	484	477	477	478	478	480	480	481	482	482
20.0	512	512	512	513	513	514	506	506	507	509	510	512	514	515	516
25.0	548	549	550	551	552	553	544	545	547	549	551	553	555	558	561
30.0	593	595	597	597	598	599	590	592	593	596	598	601	603	607	608
35.0	638	639	642	641	643	641	632	637	638	644	645	648	649	654	654
40.0	670	668	672	667	668	665	656	663	666	675	675	682	683	690	688
45.0	677	672	679	672	675	666	657	669	671	682	681	692	691	701	698
50.0	649	640	647	637	645	637	630	642	640	656	651	665	663	673	666
55.0	566	551	557	547	557	546	544	561	557	572	569	587	583	596	585
60.0	410	396	407	389	406	390	392	411	406	430	428	450	443	462	449
65.0	233	232	226	233	220	232	230	232	232	249	246	271	269	289	278
70.0	131	116	125	113	123	112	114	128	121	137	133	152	147	163	152
75.0	64.0	55.5	62.0	52.8	59.2	51.0	50.4	59.6	55.2	65.9	61.5	70.5	63.5	72.2	63.5
80.0	20.1	15.9	24.0	20.4	26.3	17.4	11.2	21.6	20.4	29.1	23.1	27.9	20.9	25.5	18.6
85.0	7.10	3.20	7.10	3.20	7.10	3.10	0.00	3.30	0.00	3.50	0.00	3.80	0.10	4.50	0.60
90.0	5.50	2.20	5.30	2.10	5.20	2.00	0.00	1.30	0.00	1.50	0.00	1.70	0.00	1.90	0.00
95.0	4.70	1.80	4.60	1.70	4.40	1.70	0.00	0.70	0.00	0.90	0.00	0.90	0.00	1.10	0.00
100.0	3.60	1.10	3.60	1.20	3.60	1.20	0.00	0.30	0.00	0.40	0.00	0.20	0.00	0.60	0.00
105.0	2.70	0.50	2.70	0.60	2.70	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	1.90	0.00	1.90	0.00	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	1.20	0.00	1.20	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.70	0.00	0.70	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.20	0.00	0.20	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	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	0.00	0.00
135.0	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	0.00	0.00
140.0	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	0.00	0.00
145.0	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	0.00	0.00
150.0	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	0.00	0.00
155.0	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	0.00	0.00
160.0	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	0.00	0.00
165.0	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	0.00	0.00
170.0	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	0.00	0.00
175.0	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	0.00	0.00
180.0	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	0.00	0.00

Test System: LSG-1800
Temperature: 23DEG
Operators: A
Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: Alim 700 mA

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

UNIT: cd

C(DEG) γ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	444	444	444	444	443	444	444	443	443	444	444	444	444	444	445
5.0	446	447	447	447	447	447	447	447	448	448	448	448	449	449	449
10.0	459	459	459	460	459	460	460	461	460	461	461	462	462	462	463
15.0	483	484	484	485	484	484	485	485	485	486	486	487	487	488	489
20.0	517	519	520	520	520	520	519	519	520	521	521	523	524	525	525
25.0	562	562	563	563	562	562	563	563	564	565	566	567	569	569	569
30.0	610	610	612	612	613	613	614	611	613	613	616	619	621	619	620
35.0	656	656	659	658	661	657	658	655	657	656	662	662	668	664	665
40.0	691	688	692	688	693	685	687	678	685	681	690	688	696	691	695
45.0	702	697	701	693	637	606	597	527	534	529	540	605	616	684	698
50.0	674	665	671	580	584	502	511	464	403	467	495	499	583	578	635
55.0	591	584	583	505	450	376	313	305	305	299	310	366	408	499	511
60.0	458	440	443	374	336	274	231	218	227	219	229	220	281	314	379
65.0	288	267	266	229	201	189	170	158	169	157	168	159	210	217	211
70.0	163	148	153	127	121	95.7	91.9	82.0	90.4	81.8	89.7	83.5	110	110	138
75.0	70.7	60.0	63.8	50.5	49.5	36.7	38.4	31.0	37.0	31.0	38.1	32.2	46.7	44.4	59.6
80.0	23.7	17.5	21.7	15.2	17.8	11.2	13.7	9.50	14.1	9.80	15.2	9.40	16.6	13.3	21.5
85.0	4.60	0.70	5.00	1.10	5.00	1.30	5.10	2.10	5.60	2.30	6.20	1.30	5.30	1.40	5.30
90.0	2.00	0.00	2.10	0.00	2.20	0.00	2.40	0.20	3.00	0.20	3.40	0.00	2.30	0.00	2.30
95.0	1.40	0.00	1.60	0.00	1.50	0.00	1.50	0.00	1.50	0.00	1.50	0.00	1.80	0.00	1.70
100.0	0.90	0.00	1.00	0.00	1.00	0.00	0.90	0.00	0.90	0.00	1.00	0.00	1.00	0.00	0.70
105.0	0.30	0.00	0.50	0.00	0.40	0.00	0.30	0.00	0.20	0.00	0.20	0.00	0.20	0.00	0.00
110.0	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	0.00	0.00
115.0	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	0.00	0.00
120.0	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	0.00	0.00
125.0	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	0.00	0.00
130.0	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	0.00	0.00
135.0	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	0.00	0.00
140.0	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	0.00	0.00
145.0	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	0.00	0.00
150.0	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	0.00	0.00
155.0	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	0.00	0.00
160.0	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	0.00	0.00
165.0	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	0.00	0.00
170.0	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	0.00	0.00
175.0	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	0.00	0.00
180.0	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	0.00	0.00

Test System: LSG-1800
Temperature: 23DEG
Operators: A
Test Date: 06-03-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: Alim 700 mA

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: GO2020-039

MANUFACTURER: ACRILUX S.R.L.	Address: S.P. 571 K. 10+983 - Recanati (MC)	
NAME: Mod. N7	TYPE:	WEIGHT:
SPECIFICATION: Alim. 700 mA	DIMENSION: D.50 xH15 cm	SERIAL No.:

UNIT: cd

C(DEG) γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	445	445	445	445	445	445	445	445	445	445	444	444
5.0	449	449	449	449	449	448	448	448	448	448	448	448
10.0	464	464	463	463	463	463	463	462	462	462	461	461
15.0	489	489	489	489	489	489	489	489	489	489	489	488
20.0	525	524	524	523	524	524	525	524	524	523	522	521
25.0	569	570	570	569	568	568	568	568	567	567	566	564
30.0	619	619	619	620	617	617	616	617	615	615	613	611
35.0	664	665	664	667	663	664	663	664	661	662	659	657
40.0	692	695	694	699	696	698	695	697	690	690	684	684
45.0	695	699	696	704	699	703	696	698	690	691	682	683
50.0	662	668	663	672	664	673	661	666	655	659	648	655
55.0	572	585	579	593	587	594	575	578	563	567	553	560
60.0	419	452	443	454	441	446	427	435	407	413	394	407
65.0	231	269	271	283	267	272	250	251	233	236	230	224
70.0	145	159	131	162	150	157	139	143	127	134	121	127
75.0	59.7	70.0	63.7	72.7	58.2	74.1	64.3	67.9	55.4	63.7	54.5	60.7
80.0	17.6	23.8	19.0	25.4	19.7	23.8	15.4	21.2	20.7	26.6	23.1	26.8
85.0	1.50	5.10	0.80	4.60	0.70	5.00	1.10	5.80	1.90	5.80	1.60	5.20
90.0	0.00	2.20	0.00	2.20	0.00	2.30	0.00	2.30	0.00	2.30	0.00	2.60
95.0	0.00	0.90	0.00	1.10	0.00	1.70	0.00	1.70	0.00	1.80	0.00	1.90
100.0	0.00	0.30	0.00	0.50	0.00	0.80	0.00	0.80	0.00	0.60	0.00	0.50
105.0	0.00	0.00	0.00	0.20	0.00	0.20	0.00	0.10	0.00	0.10	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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