

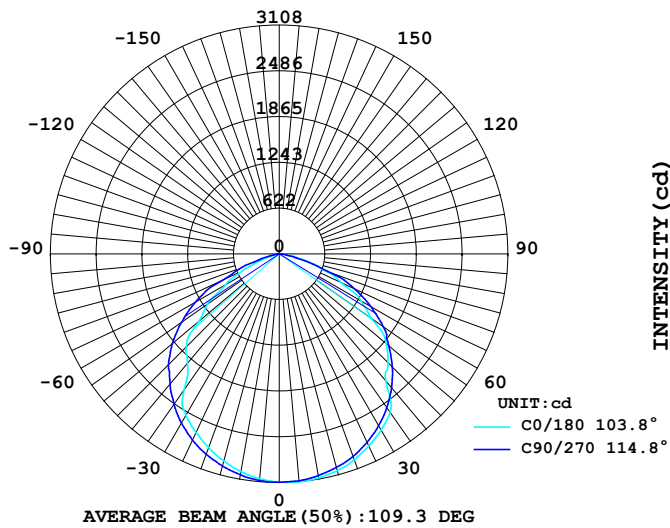
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

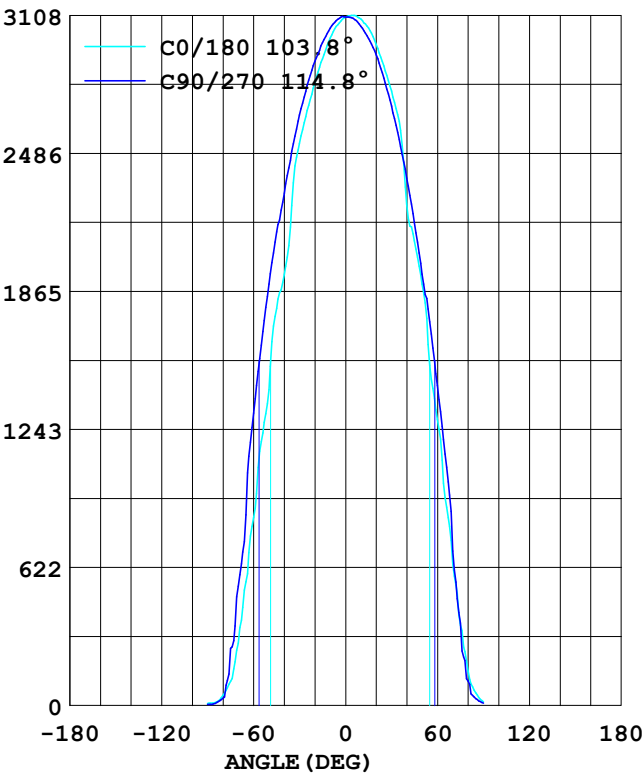
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes A	TYPE: IL-PO29A-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110EGD	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3108	S/MH (C0/180)	1.22
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	64	TOTAL FLUX(lm)	8102.9	Voltage(V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.2	Current(A)	0.288
NOMINAL FLUX(lm)	8102.9	η up (%)	0.0	Power(W)	64.72
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.971
TEST VOLTAGE (V)	230.9	Effective Flux(lm)	8102.9	EEI	0.120

LUMINOUS INTENSITY DISTRIBUTION



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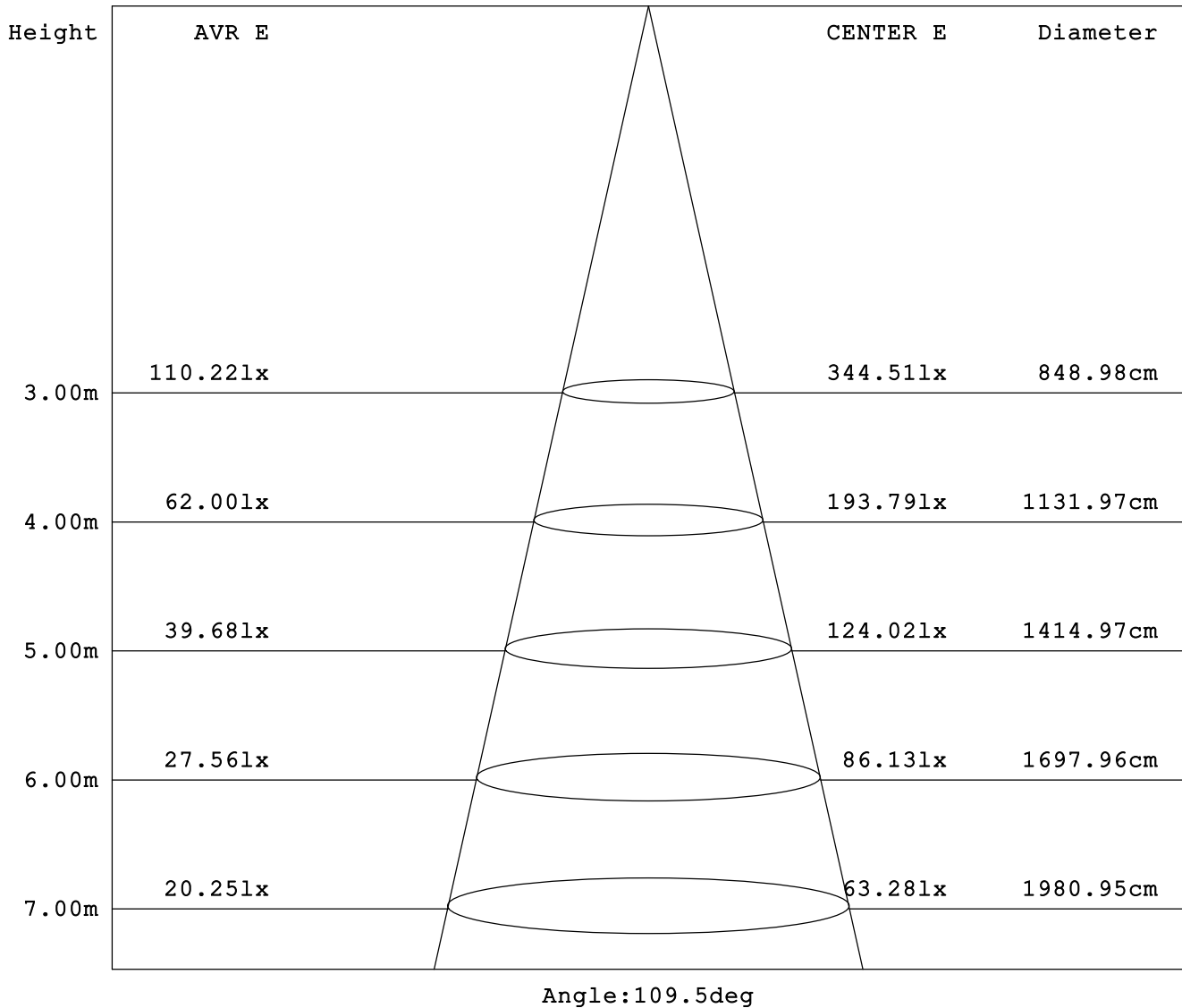
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025.07.01

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

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、3000K、110EGD	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	3066	3080	3090	3088	3108	3099	3094	3092	0- 5	74.01	74.01
10.0	3005	3032	3049	3048	3091	3072	3058	3056	5- 10	219.6	293.7
15.0	2912	2956	2984	2979	3050	3023	3004	3002	10- 15	358.3	652.0
20.0	2803	2856	2900	2887	2976	2952	2930	2917	15- 20	485.6	1138
25.0	2679	2735	2792	2777	2880	2846	2825	2806	20- 25	597.2	1735
30.0	2531	2590	2659	2638	2766	2722	2699	2672	25- 30	689.7	2425
35.0	2251	2427	2496	2440	2630	2573	2547	2518	30- 35	759.2	3184
40.0	1943	2233	2307	2196	2259	2398	2375	2344	35- 40	792.3	3976
45.0	1788	1933	2132	1997	2093	2098	2175	2083	40- 45	795.0	4771
50.0	1422	1727	1897	1741	1898	1920	1943	1855	45- 50	776.1	5548
55.0	1189	1434	1623	1392	1532	1690	1728	1621	50- 55	725.1	6273
60.0	846.4	1094	1317	1133	1288	1295	1441	1232	55- 60	631.3	6904
65.0	557.5	775.9	858.1	792.8	936.6	1029	1132	960.1	60- 65	508.4	7412
70.0	280.5	416.5	536.6	458.4	638.0	710.4	695.0	639.9	65- 70	362.2	7775
75.0	108.7	163.3	256.8	189.9	362.5	355.6	371.6	312.5	70- 75	206.4	7981
80.0	45.08	45.56	32.24	60.19	154.6	131.7	110.5	111.1	75- 80	86.22	8067
85.0	13.02	13.16	9.862	17.38	56.53	36.24	31.06	32.58	80- 85	26.92	8094
90.0	9.767	7.643	4.931	7.653	16.87	10.40	11.34	8.196	85- 90	8.619	8103
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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Test Date:2025.07.01

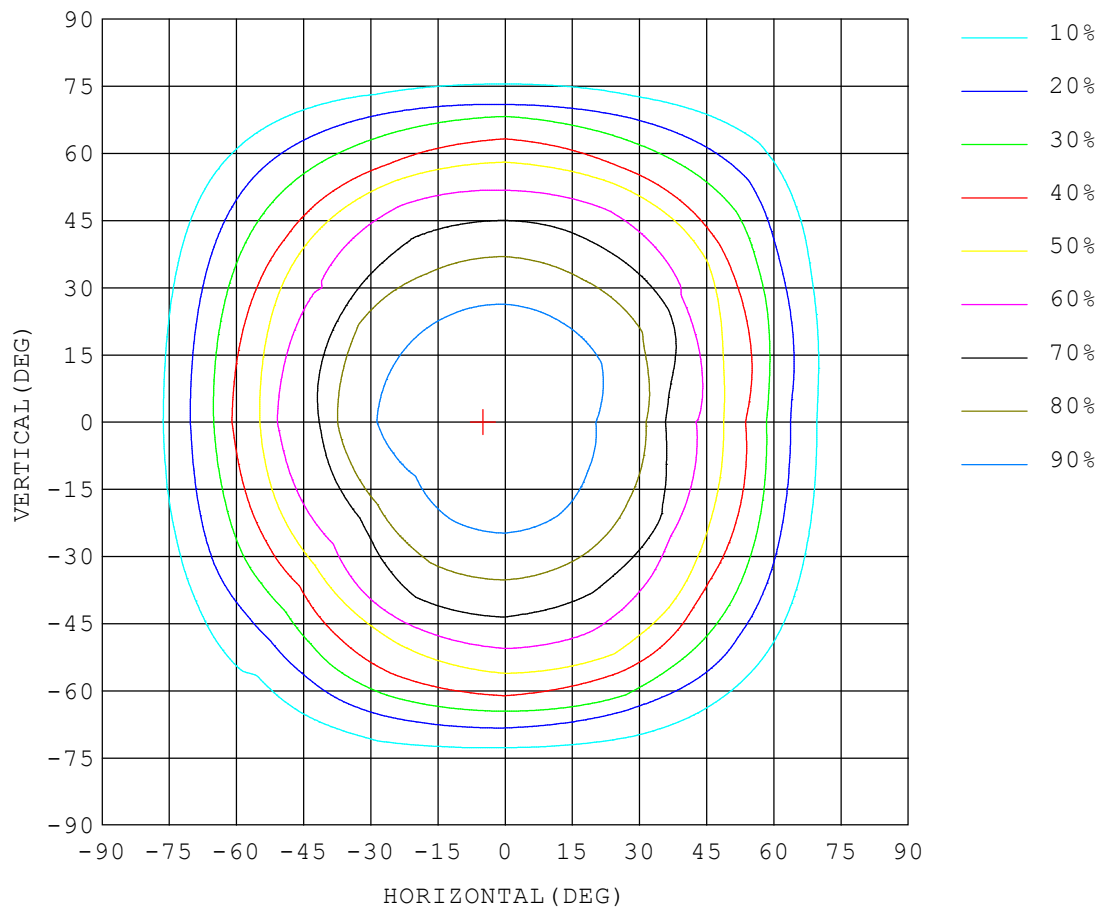
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ISOCANDELA DIAGRAM

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SPECIFICATION: 2835LED、3000K、110EGD	DIMENSION:	SERIAL No.:

UNIT: cd



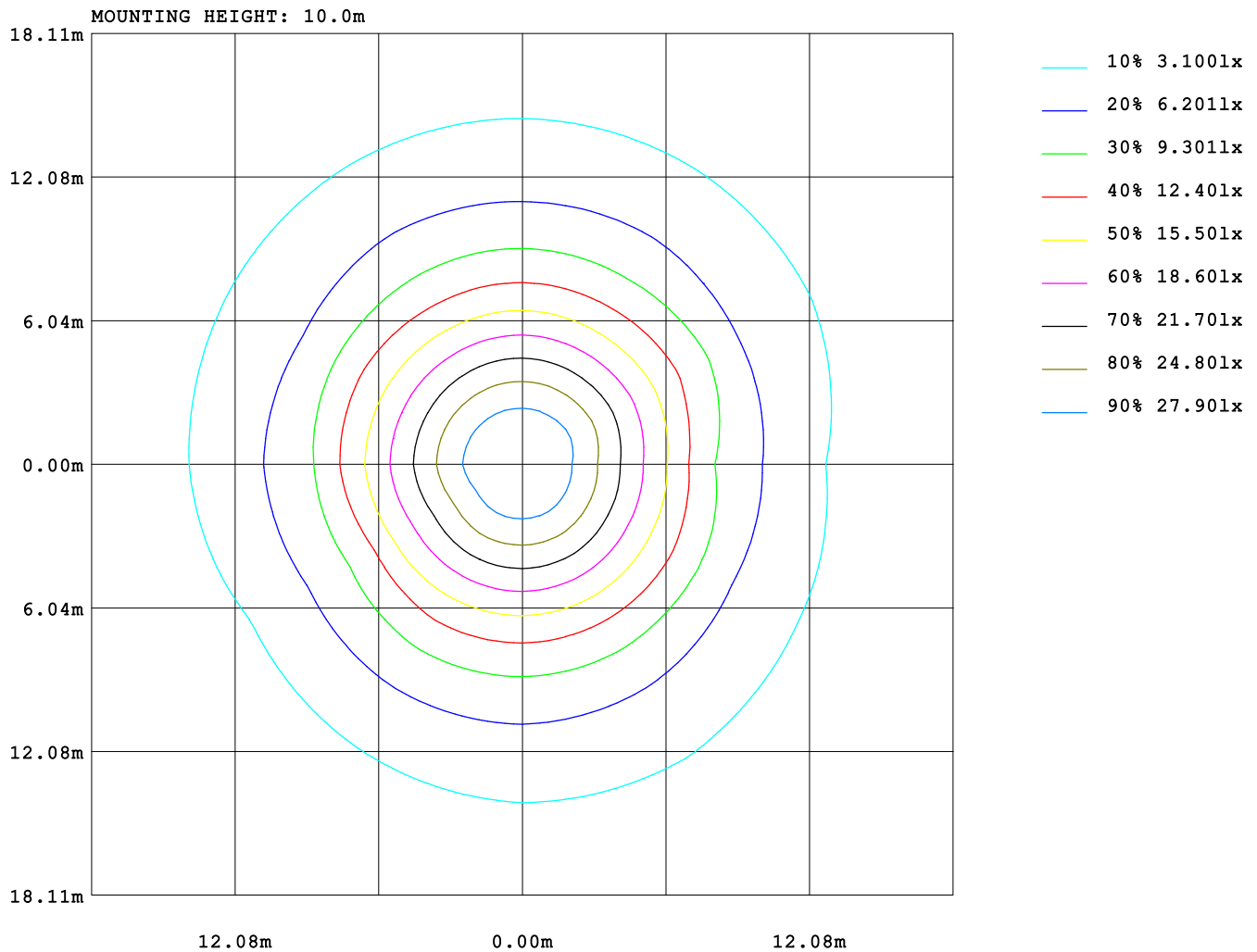
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100
5.0	3066	3077	3083	3090	3092	3084	3108	3102	3095	3094	3090	3094
10.0	3005	3021	3044	3049	3052	3043	3091	3077	3066	3058	3053	3060
15.0	2912	2938	2974	2984	2989	2969	3050	3035	3012	3004	2997	3007
20.0	2803	2831	2882	2900	2902	2872	2976	2964	2939	2930	2916	2918
25.0	2679	2703	2768	2792	2793	2761	2880	2855	2837	2825	2808	2804
30.0	2531	2554	2626	2659	2651	2626	2766	2741	2704	2699	2670	2675
35.0	2251	2399	2454	2496	2493	2387	2630	2595	2551	2547	2512	2524
40.0	1943	2202	2264	2307	2308	2084	2259	2421	2375	2375	2329	2358
45.0	1788	1813	2053	2132	2094	1899	2093	2020	2175	2175	2157	2009
50.0	1422	1602	1852	1897	1807	1675	1898	1861	1979	1943	1929	1782
55.0	1189	1275	1594	1623	1487	1297	1532	1649	1731	1728	1681	1561
60.0	846	980	1207	1317	1232	1035	1288	1261	1330	1441	1281	1182
65.0	558	654	898	858	872	714	937	1020	1038	1132	993	927
70.0	281	368	465	537	490	426	638	682	739	695	659	621
75.0	109	130	197	257	207	173	363	393	318	372	307	318
80.0	45.0	39.5	51.5	32.2	67.4	52.8	155	150	113	111	109	113
85.0	13.0	7.00	19.3	9.86	22.9	11.7	56.5	47.3	25.1	31.0	22.4	42.6
90.0	9.76	4.73	10.5	4.93	10.6	4.64	16.8	14.9	5.81	11.3	4.73	11.6

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