

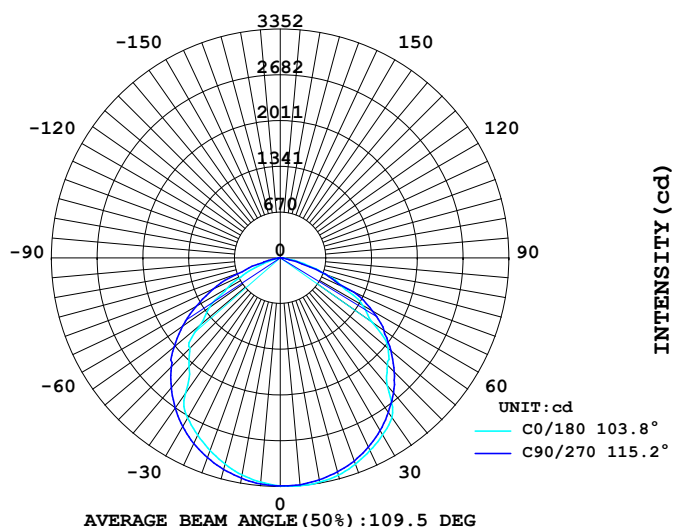
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

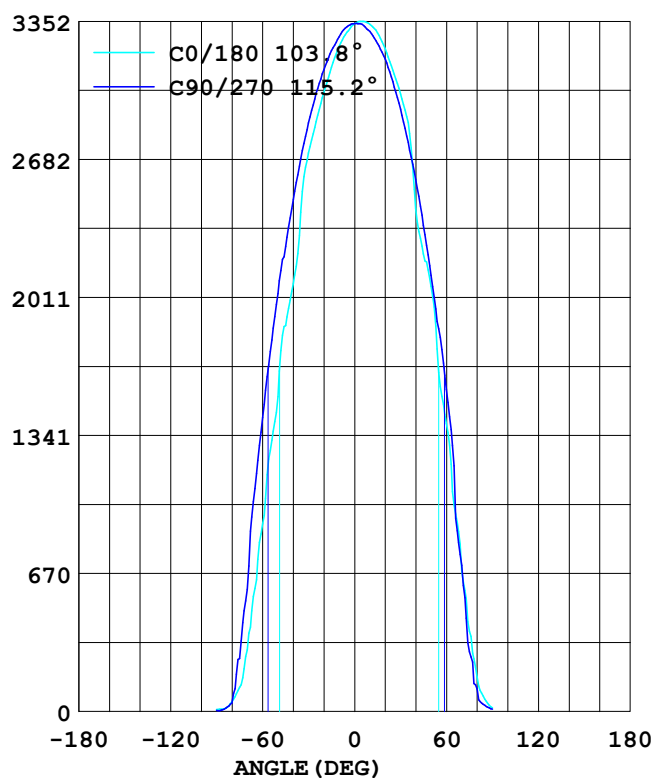
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3352	S/MH (C0/180)	1.22
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	64	TOTAL FLUX(lm)	8723.4	Voltage(V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	135.5	Current(A)	0.287
NOMINAL FLUX(lm)	8723.5	η up (%)	0.0	Power(W)	64.38
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.971
TEST VOLTAGE (V)	230.9	Effective Flux(lm)	8723.5	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



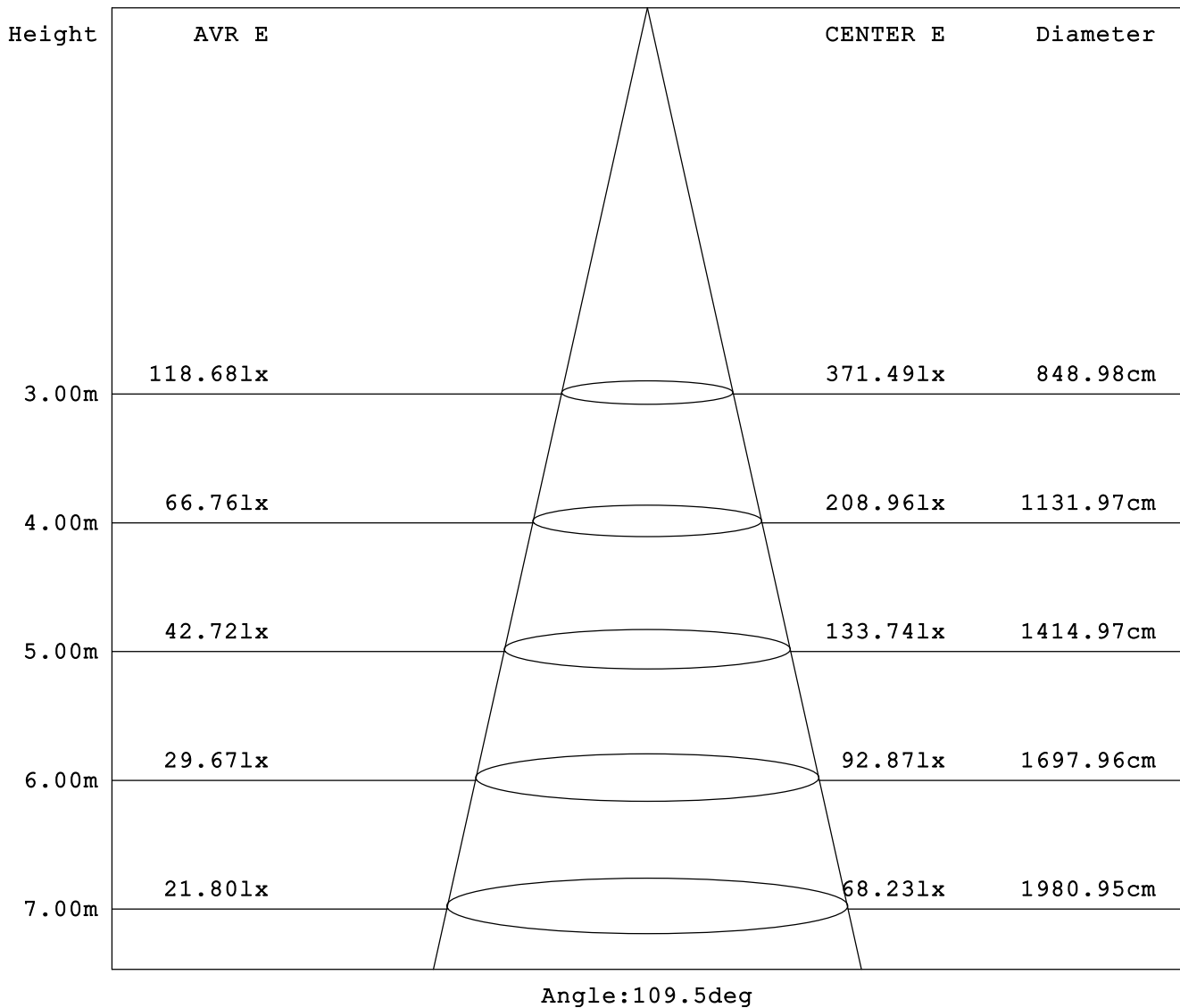
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025.07.01

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

Report number:

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SPECIFICATION: 2835LED、4000K、110DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	3298	3316	3324	3326	3352	3345	3337	3332	0- 5	79.73	79.73
10.0	3230	3261	3277	3284	3337	3319	3302	3292	5- 10	236.7	316.4
15.0	3129	3177	3209	3214	3296	3267	3244	3228	10- 15	386.1	702.6
20.0	3006	3065	3115	3116	3218	3189	3169	3139	15- 20	523.1	1226
25.0	2865	2931	3002	2994	3114	3083	3059	3020	20- 25	643.4	1869
30.0	2713	2774	2859	2846	2998	2952	2925	2874	25- 30	743.1	2612
35.0	2425	2595	2685	2627	2859	2802	2763	2710	30- 35	818.5	3431
40.0	2079	2363	2486	2350	2441	2605	2584	2521	35- 40	853.7	4285
45.0	1874	2069	2259	2156	2223	2283	2361	2224	40- 45	855.8	5141
50.0	1529	1827	2030	1855	2065	2071	2118	1986	45- 50	834.0	5975
55.0	1268	1540	1749	1494	1646	1836	1858	1749	50- 55	779.2	6754
60.0	911.1	1183	1429	1221	1398	1403	1564	1323	55- 60	681.3	7435
65.0	597.0	833.9	1083	851.9	1004	1121	1193	1040	60- 65	550.0	7985
70.0	298.9	500.6	593.0	544.3	681.1	685.0	709.1	625.6	65- 70	391.6	8377
75.0	117.2	200.7	256.8	234.4	390.1	343.7	289.7	329.0	70- 75	218.0	8595
80.0	47.22	52.77	41.78	68.84	167.6	124.5	108.9	104.5	75- 80	92.26	8687
85.0	13.15	14.45	11.86	19.46	59.67	36.62	29.81	32.79	80- 85	27.40	8715
90.0	9.962	7.923	4.986	7.887	17.63	10.61	11.26	8.286	85- 90	8.893	8723
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	

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

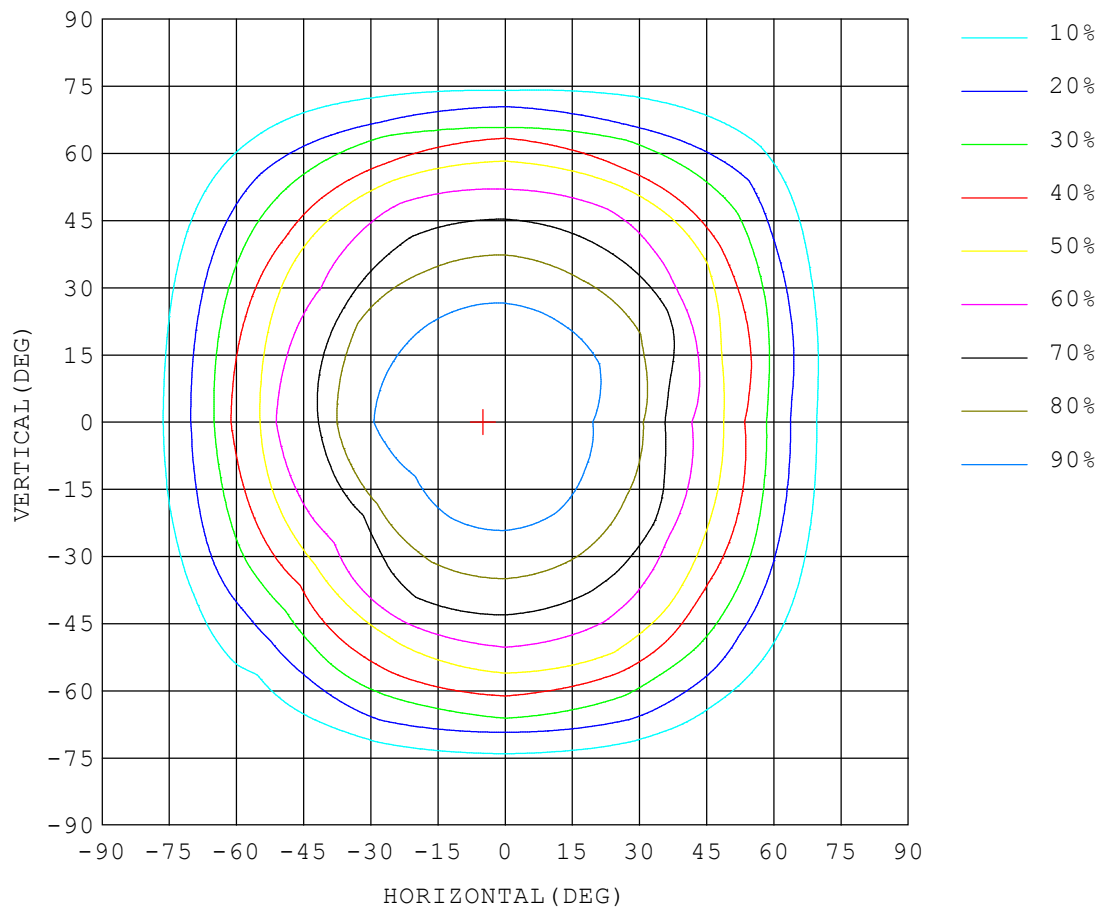
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ISOCANDELA DIAGRAM

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SPECIFICATION: 2835LED、4000K、110DEG	DIMENSION:	SERIAL No.:

UNIT: cd



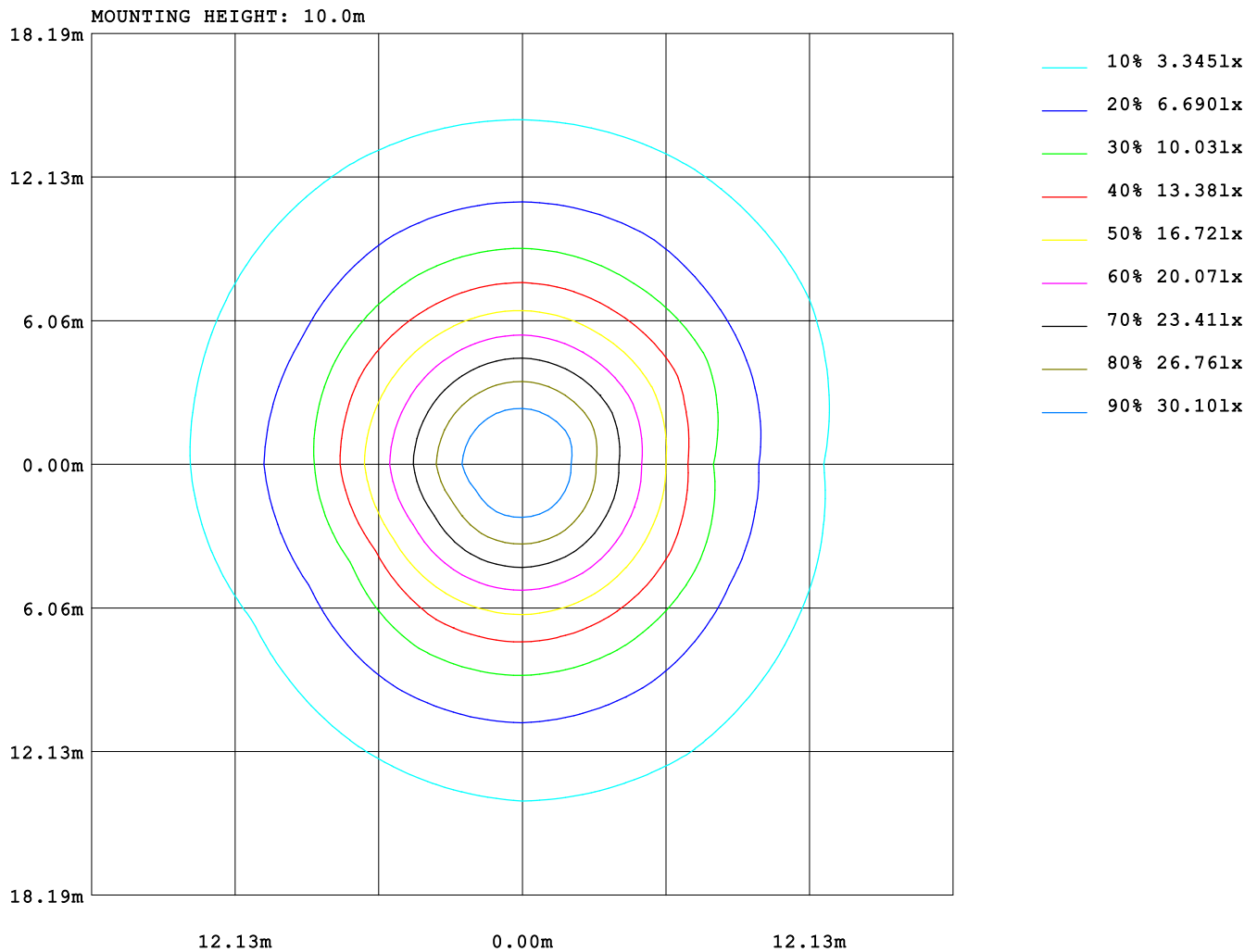
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Temperature: 25.3 DEG
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION: 2835LED、4000K、110DEG	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3340	3340	3340	3340	3340	3340	3340	3340	3340	3340	3340	3340
5.0	3298	3312	3320	3324	3329	3323	3352	3348	3341	3337	3332	3333
10.0	3230	3250	3271	3277	3288	3280	3337	3329	3308	3302	3291	3294
15.0	3129	3158	3195	3209	3220	3208	3296	3279	3256	3244	3230	3226
20.0	3006	3036	3095	3115	3129	3103	3218	3200	3178	3169	3144	3135
25.0	2865	2897	2965	3002	3007	2981	3114	3096	3070	3059	3026	3013
30.0	2713	2734	2813	2859	2858	2834	2998	2968	2935	2925	2879	2868
35.0	2425	2557	2633	2685	2684	2569	2859	2826	2777	2763	2711	2710
40.0	2079	2303	2424	2486	2488	2212	2441	2628	2582	2584	2516	2527
45.0	1874	1939	2199	2259	2271	2040	2223	2196	2370	2361	2295	2154
50.0	1529	1712	1943	2030	1914	1795	2065	1982	2161	2118	2092	1880
55.0	1268	1380	1699	1749	1598	1390	1646	1784	1888	1858	1822	1676
60.0	911	1056	1310	1429	1321	1120	1398	1362	1444	1564	1378	1268
65.0	597	699	969	1083	939	765	1004	1109	1132	1193	1074	1006
70.0	299	413	588	593	632	456	681	724	646	709	580	671
75.0	117	156	246	257	279	190	390	364	323	290	325	333
80.0	47.2	44.4	61.0	41.7	78.6	59.0	168	140	109	109	90.8	118
85.0	13.1	7.87	21.0	11.8	25.4	13.4	59.6	48.3	24.9	29.8	21.5	44.0
90.0	9.96	4.98	10.8	4.98	10.9	4.79	17.6	15.3	5.87	11.2	4.79	11.7

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