

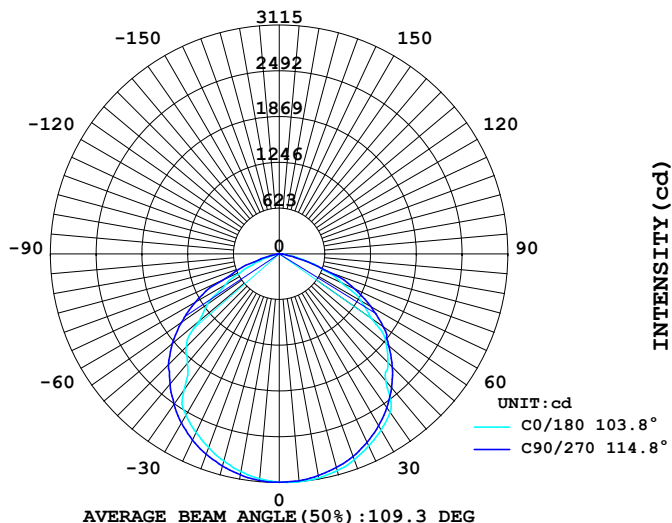
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

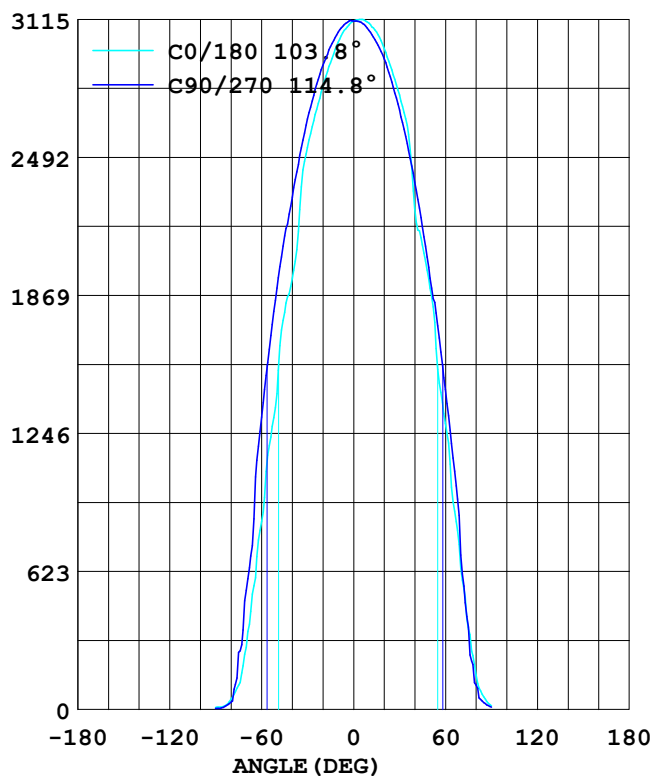
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes C	TYPE: IL-PO29C-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3115	S/MH (C0/180)	1.22
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	64	TOTAL FLUX(lm)	8122.3	Voltage(V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.5	Current(A)	0.288
NOMINAL FLUX(lm)	8122.4	$\eta$ up (%)	0.0	Power(W)	64.72
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.971
TEST VOLTAGE (V)	230.9	Effective Flux(lm)	8122.4	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



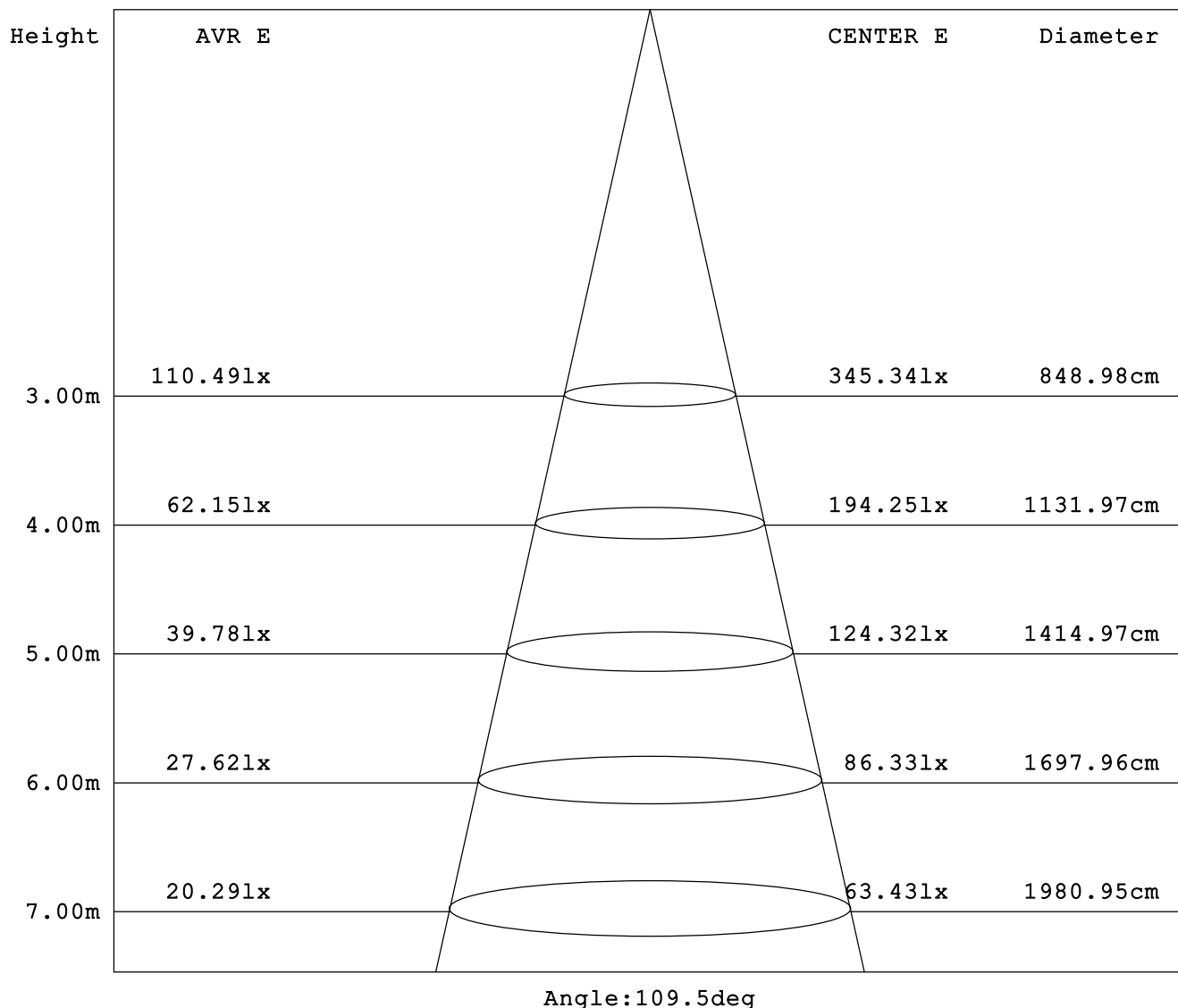
Test System:  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2025.07.01

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

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes C	TYPE:IL-PO29C-N0652C-110	WEIGHT:
SPECIFICATION:2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:



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

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Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes C	TYPE: IL-PO29C-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	3073	3088	3097	3095	3115	3106	3101	3099	0- 5	74.19	74.19
10.0	3012	3040	3056	3055	3098	3079	3065	3064	5- 10	220.2	294.4
15.0	2918	2963	2991	2986	3058	3031	3011	3009	10- 15	359.1	653.5
20.0	2810	2863	2907	2894	2983	2959	2937	2924	15- 20	486.8	1140
25.0	2685	2742	2798	2784	2887	2853	2832	2812	20- 25	598.6	1739
30.0	2537	2596	2665	2645	2773	2729	2706	2679	25- 30	691.3	2431
35.0	2257	2433	2502	2446	2636	2579	2553	2524	30- 35	761.0	3192
40.0	1948	2238	2312	2201	2264	2404	2381	2349	35- 40	794.2	3986
45.0	1792	1938	2137	2002	2098	2103	2180	2088	40- 45	796.9	4783
50.0	1426	1731	1902	1746	1902	1925	1947	1860	45- 50	778.0	5561
55.0	1192	1438	1627	1395	1536	1694	1732	1625	50- 55	726.8	6288
60.0	848.5	1096	1320	1136	1291	1299	1444	1235	55- 60	632.8	6921
65.0	558.8	777.8	860.1	794.7	938.9	1031	1135	962.4	60- 65	509.6	7430
70.0	281.2	417.5	537.9	459.5	639.5	712.1	696.7	641.5	65- 70	363.1	7793
75.0	108.9	163.7	257.4	190.3	363.4	356.5	372.4	313.2	70- 75	206.9	8000
80.0	45.19	45.67	32.32	60.33	155.0	132.0	110.8	111.4	75- 80	86.43	8087
85.0	13.05	13.19	9.885	17.42	56.66	36.33	31.14	32.66	80- 85	26.98	8114
90.0	9.790	7.661	4.942	7.671	16.91	10.43	11.36	8.216	85- 90	8.639	8122
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

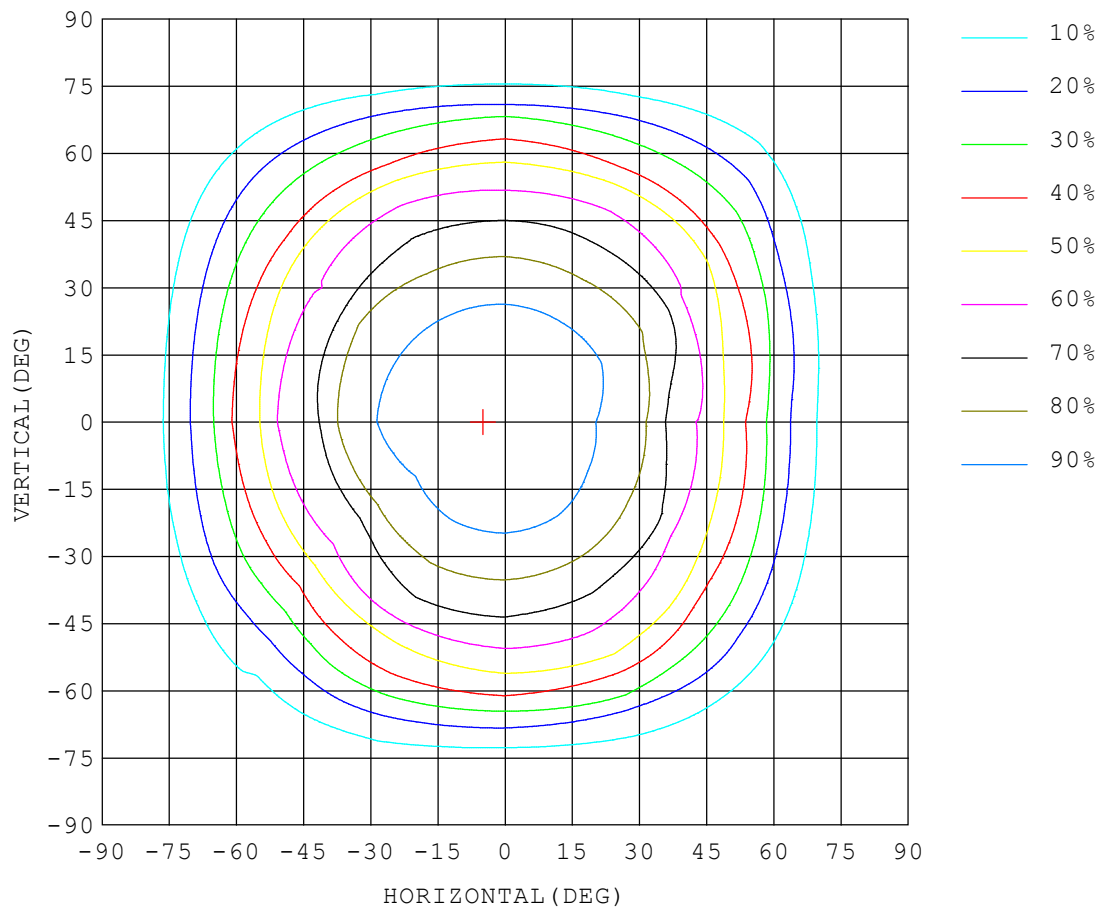
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Remarks:

## ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



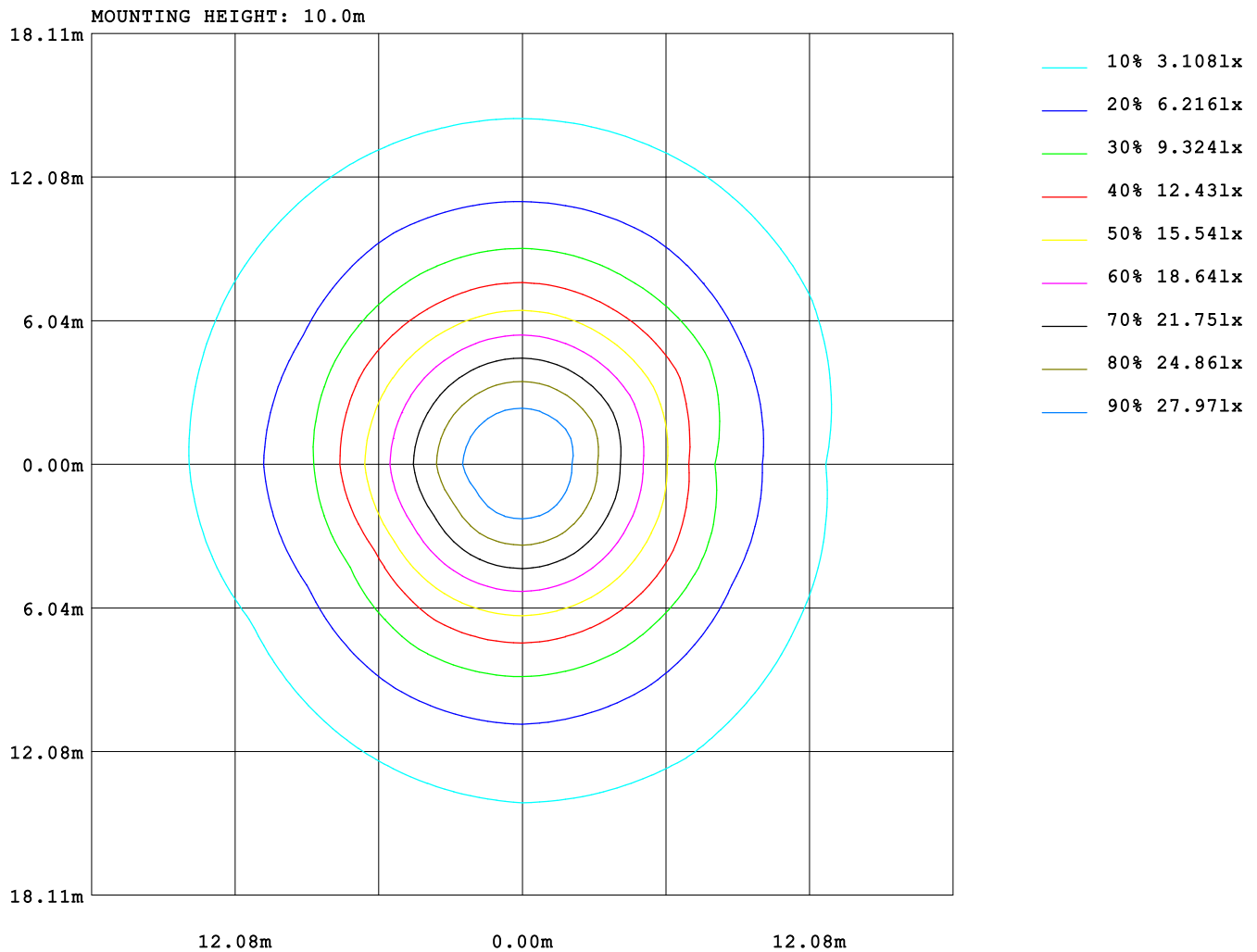
Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2025.07.01

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

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes C	TYPE: IL-PO29C-N0652C-110	WEIGHT:
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Test System:  
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Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: ILUMEN GMBH</b>	<b>Address:</b>	
<b>NAME: Agnes C</b>	<b>TYPE: IL-PO29C-N0652C-110</b>	<b>WEIGHT:</b>
<b>SPECIFICATION: 2835LED、3000K、110DEG</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3108	3108	3108	3108	3108	3108	3108	3108	3108	3108	3108	3108
5.0	3073	3085	3091	3097	3099	3091	3115	3109	3103	3101	3097	3102
10.0	3012	3028	3052	3056	3059	3051	3098	3084	3073	3065	3060	3067
15.0	2918	2945	2981	2991	2996	2976	3058	3042	3019	3011	3004	3014
20.0	2810	2838	2889	2907	2909	2879	2983	2971	2946	2937	2923	2925
25.0	2685	2709	2775	2798	2800	2767	2887	2862	2844	2832	2815	2810
30.0	2537	2560	2632	2665	2657	2632	2773	2747	2710	2706	2676	2681
35.0	2257	2405	2460	2502	2499	2393	2636	2601	2557	2553	2518	2530
40.0	1948	2207	2269	2312	2313	2089	2264	2427	2381	2381	2335	2364
45.0	1792	1817	2058	2137	2099	1904	2098	2025	2180	2180	2162	2014
50.0	1426	1605	1857	1902	1812	1679	1902	1865	1984	1947	1933	1786
55.0	1192	1278	1598	1627	1490	1301	1536	1653	1735	1732	1685	1564
60.0	849	983	1210	1320	1234	1037	1291	1264	1333	1444	1285	1185
65.0	559	655	900	860	874	715	939	1022	1040	1135	995	930
70.0	281	369	466	538	492	427	640	684	740	697	661	622
75.0	109	130	197	257	207	174	363	394	319	372	308	319
80.0	45.1	39.6	51.6	32.3	67.6	53.0	155	150	114	111	109	114
85.0	13.0	7.02	19.3	9.88	23.0	11.7	56.6	47.4	25.2	31.1	22.5	42.7
90.0	9.79	4.74	10.5	4.94	10.6	4.65	16.9	15.0	5.83	11.3	4.74	11.6

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