

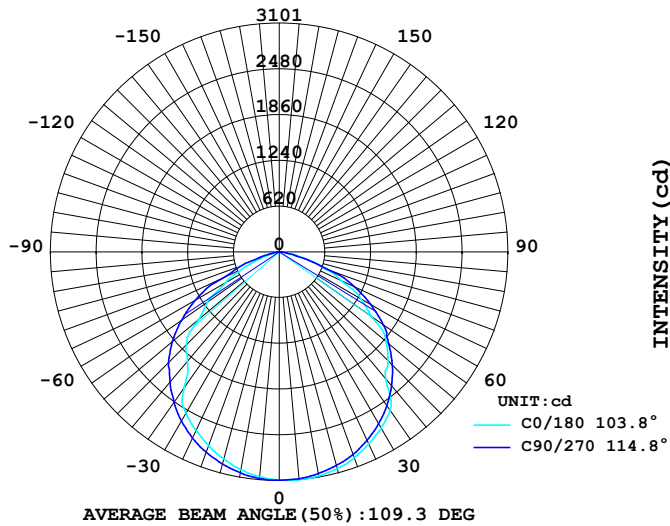
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

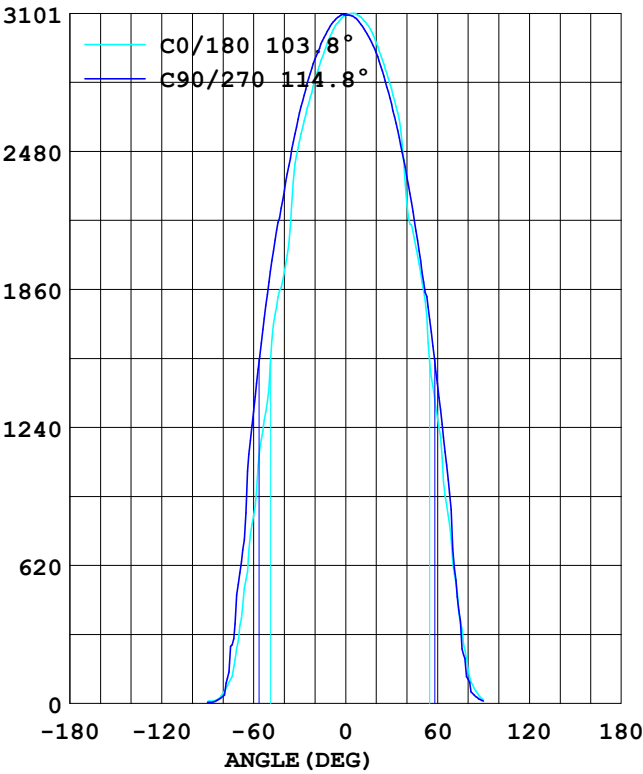
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE: IL-PO29B-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3101	S/MH (C0/180)	1.22
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	64	TOTAL FLUX(lm)	8083.5	Voltage(V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	124.9	Current(A)	0.288
NOMINAL FLUX(lm)	8083.5	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)	8083.5	EEL	0.120

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



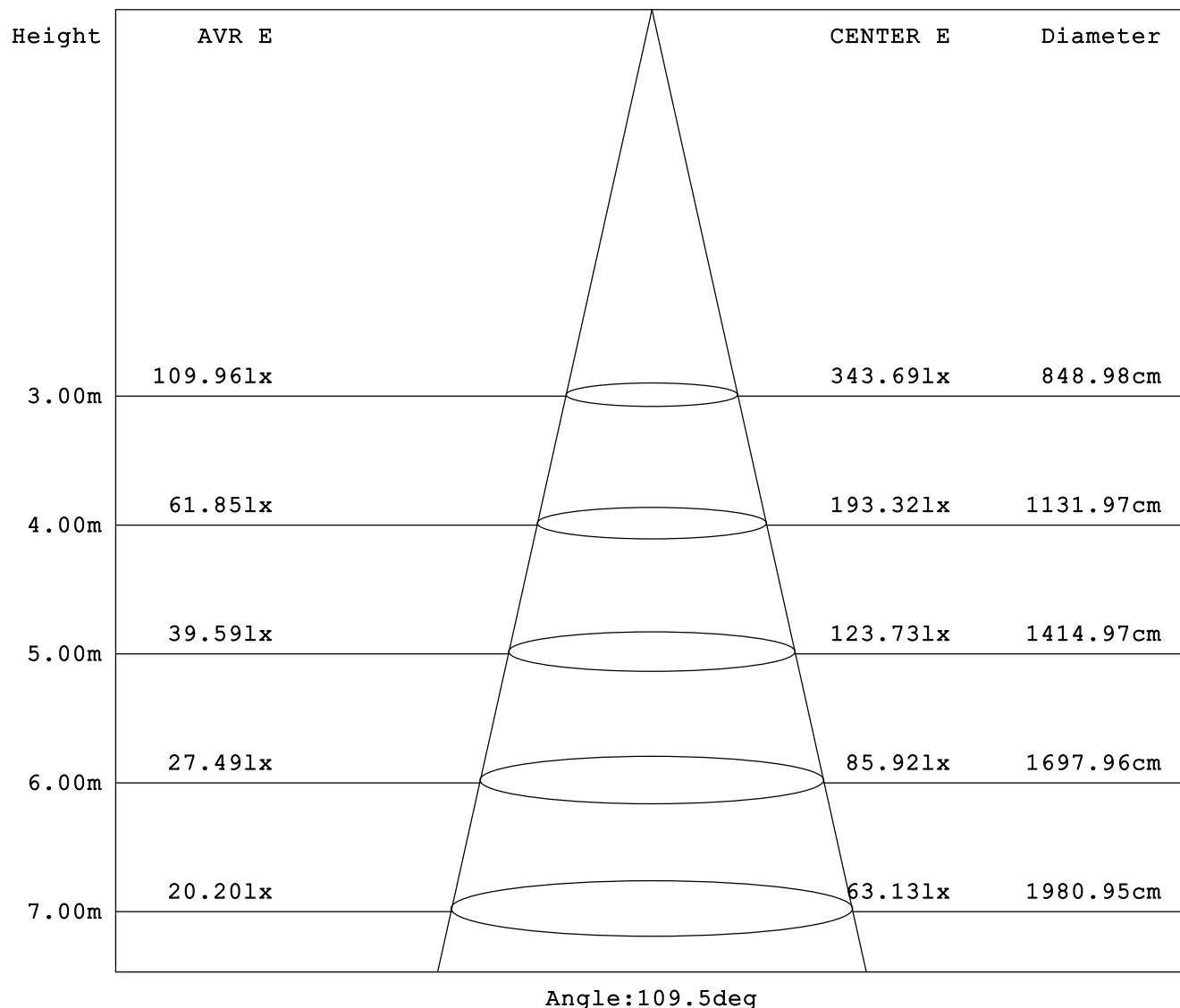
Test System:  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2025.07.01

Test Set: 5.0deg/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 B	TYPE: IL-PO29B-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:



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

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

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE: IL-PO29B-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	3058	3073	3082	3080	3101	3091	3086	3085	0- 5	73.83	73.83
10.0	2998	3025	3042	3040	3083	3064	3051	3049	5- 10	219.1	293.0
15.0	2905	2949	2977	2972	3043	3016	2997	2995	10- 15	357.4	650.4
20.0	2796	2850	2893	2880	2969	2944	2923	2910	15- 20	484.5	1135
25.0	2673	2729	2785	2770	2873	2840	2819	2799	20- 25	595.8	1731
30.0	2525	2584	2653	2632	2760	2716	2693	2666	25- 30	688.0	2419
35.0	2246	2421	2490	2434	2623	2567	2541	2512	30- 35	757.4	3176
40.0	1938	2228	2301	2191	2253	2392	2369	2338	35- 40	790.4	3967
45.0	1783	1928	2127	1992	2088	2093	2169	2078	40- 45	793.1	4760
50.0	1419	1723	1893	1737	1893	1915	1938	1851	45- 50	774.2	5534
55.0	1186	1431	1619	1389	1528	1686	1724	1617	50- 55	723.3	6258
60.0	844.4	1091	1314	1131	1285	1292	1437	1229	55- 60	629.7	6887
65.0	556.1	774.0	856.0	790.9	934.4	1026	1129	957.8	60- 65	507.2	7395
70.0	279.9	415.5	535.4	457.3	636.4	708.7	693.4	638.4	65- 70	361.4	7756
75.0	108.4	162.9	256.1	189.4	361.7	354.7	370.7	311.7	70- 75	205.9	7962
80.0	44.97	45.45	32.17	60.04	154.3	131.4	110.2	110.9	75- 80	86.02	8048
85.0	12.99	13.13	9.838	17.33	56.39	36.15	30.99	32.51	80- 85	26.85	8075
90.0	9.743	7.625	4.919	7.635	16.83	10.38	11.31	8.176	85- 90	8.598	8084
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

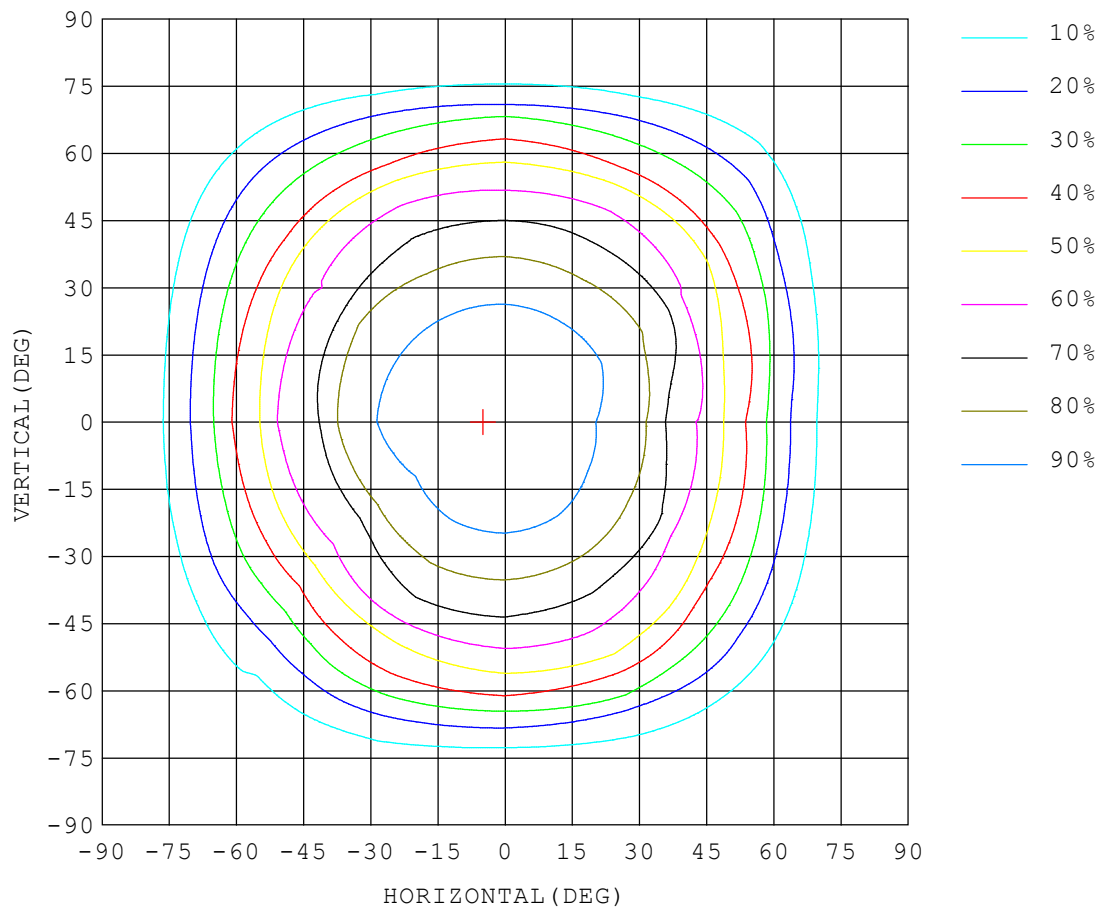
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.000 m  
Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE: IL-PO29B-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

UNIT: cd



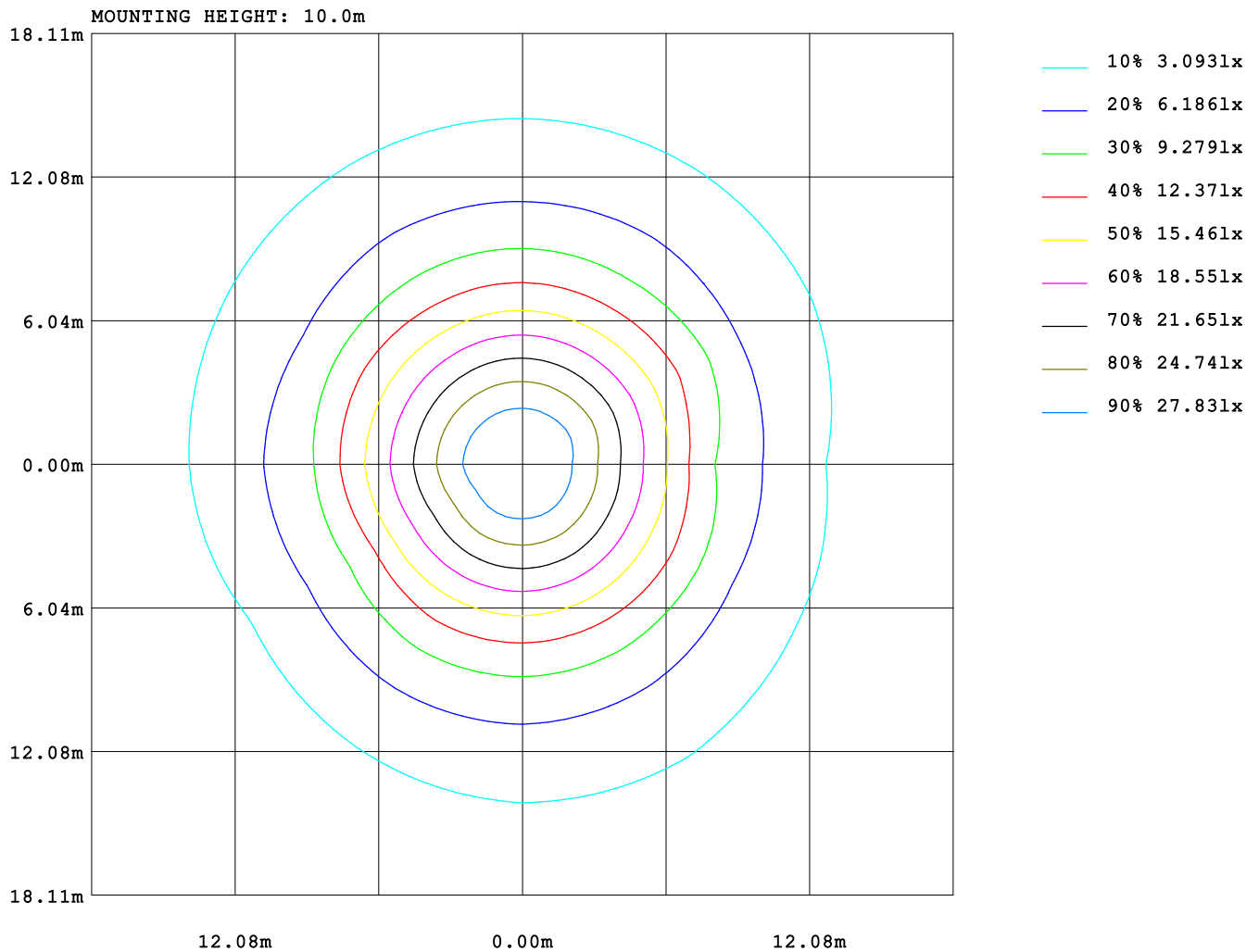
Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2025.07.01

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

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE: IL-PO29B-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:



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

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

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: ILUMEN GMBH</b>	<b>Address:</b>	
<b>NAME: Agnes B</b>	<b>TYPE: IL-PO29B-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	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093
5.0	3058	3070	3076	3082	3084	3076	3101	3095	3088	3086	3082	3087
10.0	2998	3013	3037	3042	3045	3036	3083	3070	3059	3051	3045	3052
15.0	2905	2931	2967	2977	2982	2962	3043	3027	3005	2997	2989	3000
20.0	2796	2824	2875	2893	2895	2865	2969	2957	2932	2923	2909	2911
25.0	2673	2696	2762	2785	2786	2754	2873	2849	2831	2819	2801	2797
30.0	2525	2547	2620	2653	2645	2619	2760	2734	2697	2693	2663	2668
35.0	2246	2394	2448	2490	2487	2381	2623	2589	2545	2541	2506	2518
40.0	1938	2197	2259	2301	2302	2079	2253	2415	2369	2369	2323	2353
45.0	1783	1809	2048	2127	2089	1895	2088	2015	2170	2169	2151	2004
50.0	1419	1598	1848	1893	1803	1671	1893	1856	1974	1938	1924	1778
55.0	1186	1271	1590	1619	1483	1294	1528	1645	1727	1724	1677	1557
60.0	844	978	1204	1314	1229	1032	1285	1258	1327	1437	1278	1180
65.0	556	652	896	856	870	712	934	1017	1035	1129	991	925
70.0	280	367	464	535	489	425	636	681	737	693	658	619
75.0	108	130	196	256	206	173	362	392	317	371	306	317
80.0	44.9	39.4	51.4	32.1	67.3	52.7	154	150	113	110	109	113
85.0	12.9	6.98	19.2	9.83	22.9	11.7	56.3	47.2	25.0	30.9	22.4	42.5
90.0	9.74	4.72	10.5	4.91	10.6	4.63	16.8	14.9	5.80	11.3	4.72	11.6

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

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