

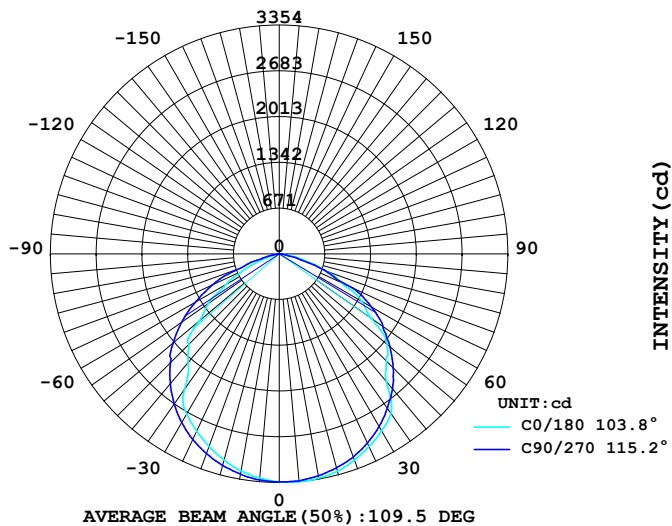
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

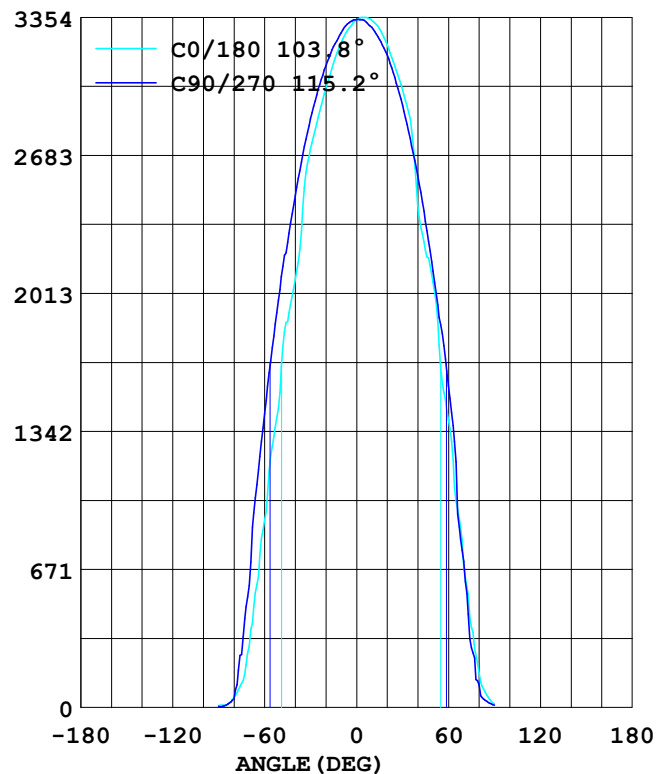
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE: IL-PO29B-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3354	S/MH (C0/180)	1.22
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	64	TOTAL FLUX(lm)	8729.9	Voltage(V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	135.6	Current(A)	0.287
NOMINAL FLUX(lm)	8729.9	$\eta$ up (%)	0.0	Power(W)	64.38
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.971
TEST VOLTAGE (V)	230.9	Effective Flux(lm)	8729.9	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



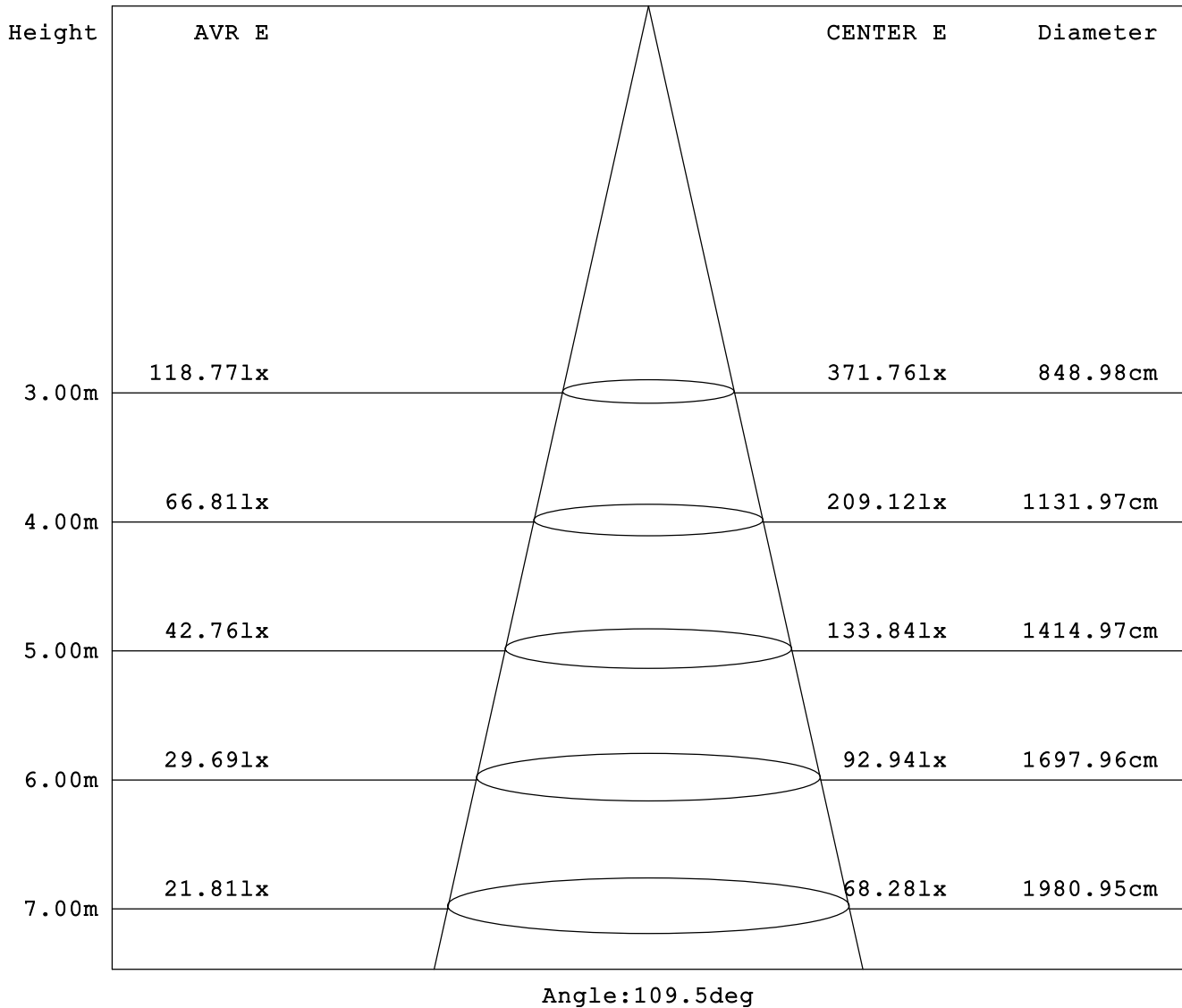
Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2025.07.01

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

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE:IL-PO29B-N0652C-110	WEIGHT:
SPECIFICATION:2835LED、4000K、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、4000K、110DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	3301	3318	3327	3328	3354	3347	3339	3335	0- 5	79.79	79.79
10.0	3232	3263	3279	3286	3339	3321	3305	3295	5- 10	236.9	316.7
15.0	3131	3179	3212	3216	3298	3269	3246	3230	10- 15	386.4	703.1
20.0	3008	3068	3117	3119	3221	3192	3171	3141	15- 20	523.5	1227
25.0	2867	2933	3004	2996	3116	3085	3061	3022	20- 25	643.9	1871
30.0	2715	2776	2861	2848	3000	2954	2927	2876	25- 30	743.6	2614
35.0	2427	2597	2687	2628	2861	2804	2765	2712	30- 35	819.1	3433
40.0	2080	2365	2488	2352	2443	2607	2586	2523	35- 40	854.3	4288
45.0	1876	2071	2261	2157	2224	2285	2363	2226	40- 45	856.4	5144
50.0	1530	1829	2032	1856	2066	2073	2120	1987	45- 50	834.6	5979
55.0	1269	1541	1750	1495	1647	1837	1860	1750	50- 55	779.7	6759
60.0	911.8	1184	1430	1221	1399	1404	1565	1324	55- 60	681.8	7441
65.0	597.4	834.5	1084	852.5	1005	1121	1194	1041	60- 65	550.4	7991
70.0	299.1	500.9	593.5	544.7	681.6	685.5	709.6	626.1	65- 70	391.9	8383
75.0	117.3	200.8	256.9	234.6	390.4	343.9	289.9	329.2	70- 75	218.1	8601
80.0	47.25	52.81	41.81	68.89	167.7	124.6	108.9	104.6	75- 80	92.33	8694
85.0	13.16	14.46	11.87	19.48	59.71	36.65	29.84	32.82	80- 85	27.42	8721
90.0	9.969	7.929	4.990	7.893	17.64	10.62	11.27	8.293	85- 90	8.899	8730
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

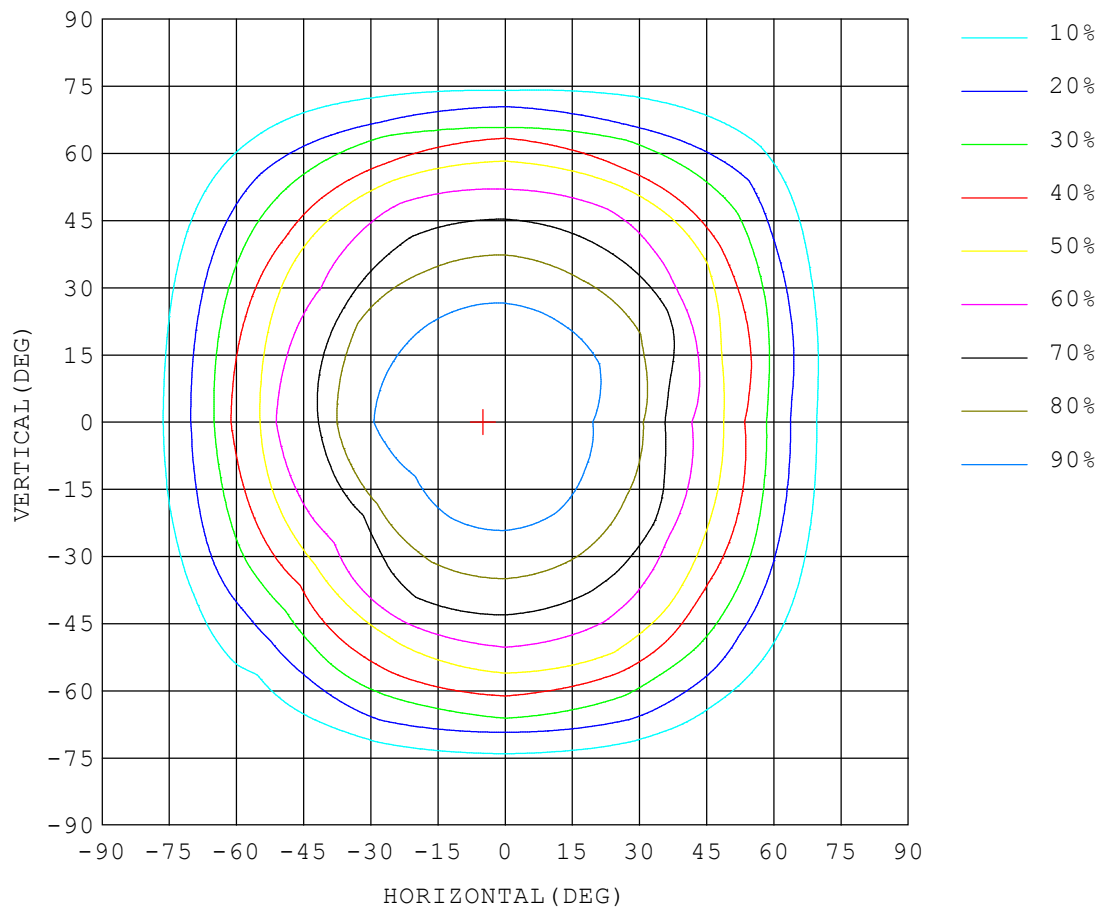
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE: IL-PO29B-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110DEG	DIMENSION:	SERIAL No.:

UNIT: cd



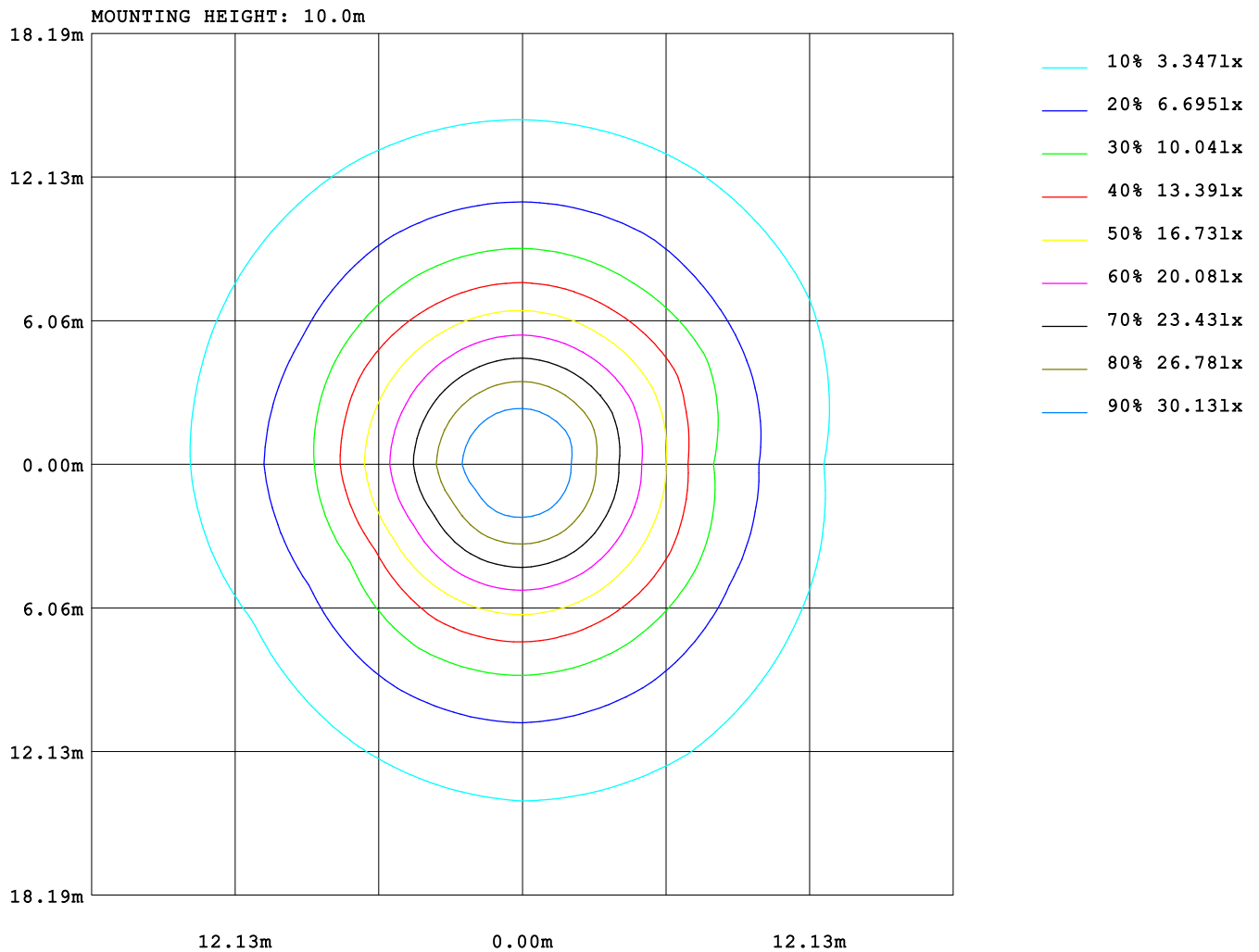
Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2025.07.01

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、4000K、110DEG	DIMENSION:	SERIAL No.:



Test System:  
Temperature: 25.3DEG  
Operators:  
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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、4000K、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	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342
5.0	3301	3314	3323	3327	3331	3326	3354	3351	3343	3339	3334	3335
10.0	3232	3252	3274	3279	3290	3282	3339	3332	3310	3305	3293	3296
15.0	3131	3160	3197	3212	3222	3210	3298	3281	3258	3246	3232	3228
20.0	3008	3038	3097	3117	3132	3106	3221	3203	3180	3171	3146	3137
25.0	2867	2899	2967	3004	3009	2983	3116	3098	3072	3061	3028	3015
30.0	2715	2736	2815	2861	2860	2836	3000	2970	2937	2927	2881	2870
35.0	2427	2559	2635	2687	2686	2571	2861	2828	2779	2765	2713	2712
40.0	2080	2305	2426	2488	2490	2214	2443	2630	2584	2586	2517	2529
45.0	1876	1941	2200	2261	2273	2042	2224	2198	2372	2363	2297	2155
50.0	1530	1713	1944	2032	1916	1796	2066	1983	2162	2120	2094	1881
55.0	1269	1381	1701	1750	1599	1391	1647	1785	1889	1860	1823	1677
60.0	912	1057	1311	1430	1322	1121	1399	1363	1446	1565	1379	1268
65.0	597	699	970	1084	940	765	1005	1110	1133	1194	1075	1006
70.0	299	413	588	594	633	457	682	724	647	710	580	672
75.0	117	156	246	257	279	190	390	364	323	290	325	333
80.0	47.2	44.4	61.1	41.8	78.7	59.0	168	140	109	109	90.8	118
85.0	13.1	7.88	21.0	11.8	25.4	13.4	59.7	48.3	24.9	29.8	21.5	44.0
90.0	9.96	4.98	10.8	4.99	10.9	4.79	17.6	15.3	5.88	11.2	4.79	11.7

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