

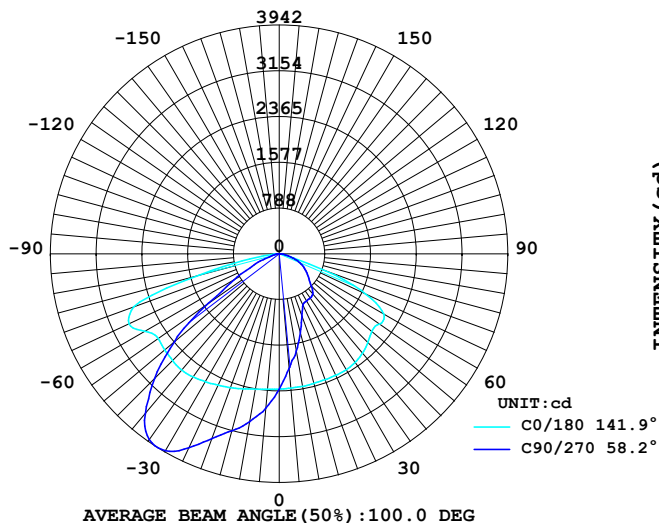
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

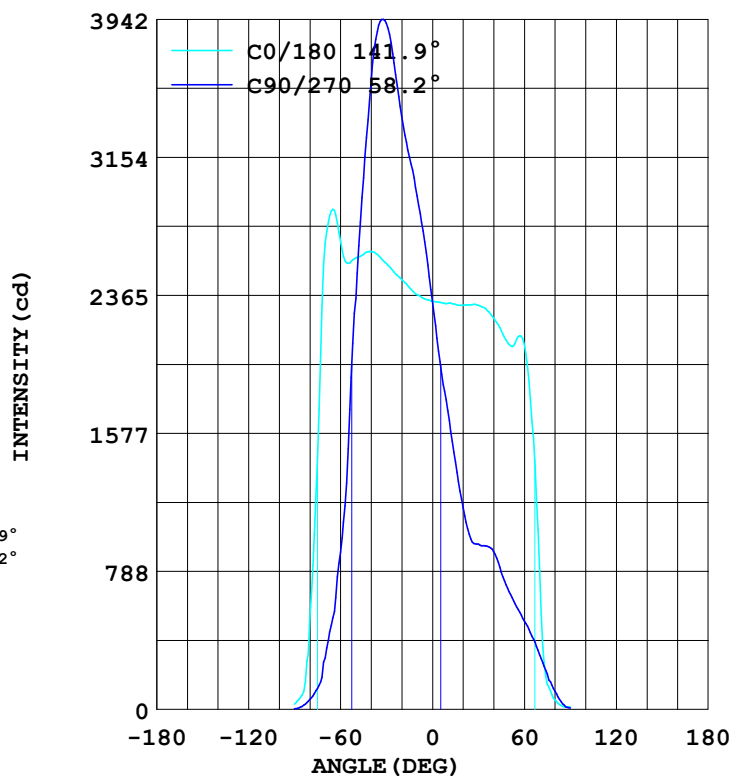
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes A	TYPE: IL-PO29A-N0652C-T3B	WEIGHT:
SPECIFICATION: 5050LED、4000K、T3B	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	4911	S/MH (C0/180)	1.69
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.73
NOMINAL POWER(W)	66	TOTAL FLUX(lm)	9163.8	Voltage(V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	140.5	Current(A)	0.290
NOMINAL FLUX(lm)	9163.8	η up (%)	0.0	Power(W)	65.22
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.971
TEST VOLTAGE (V)	230.9	Effective Flux(lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



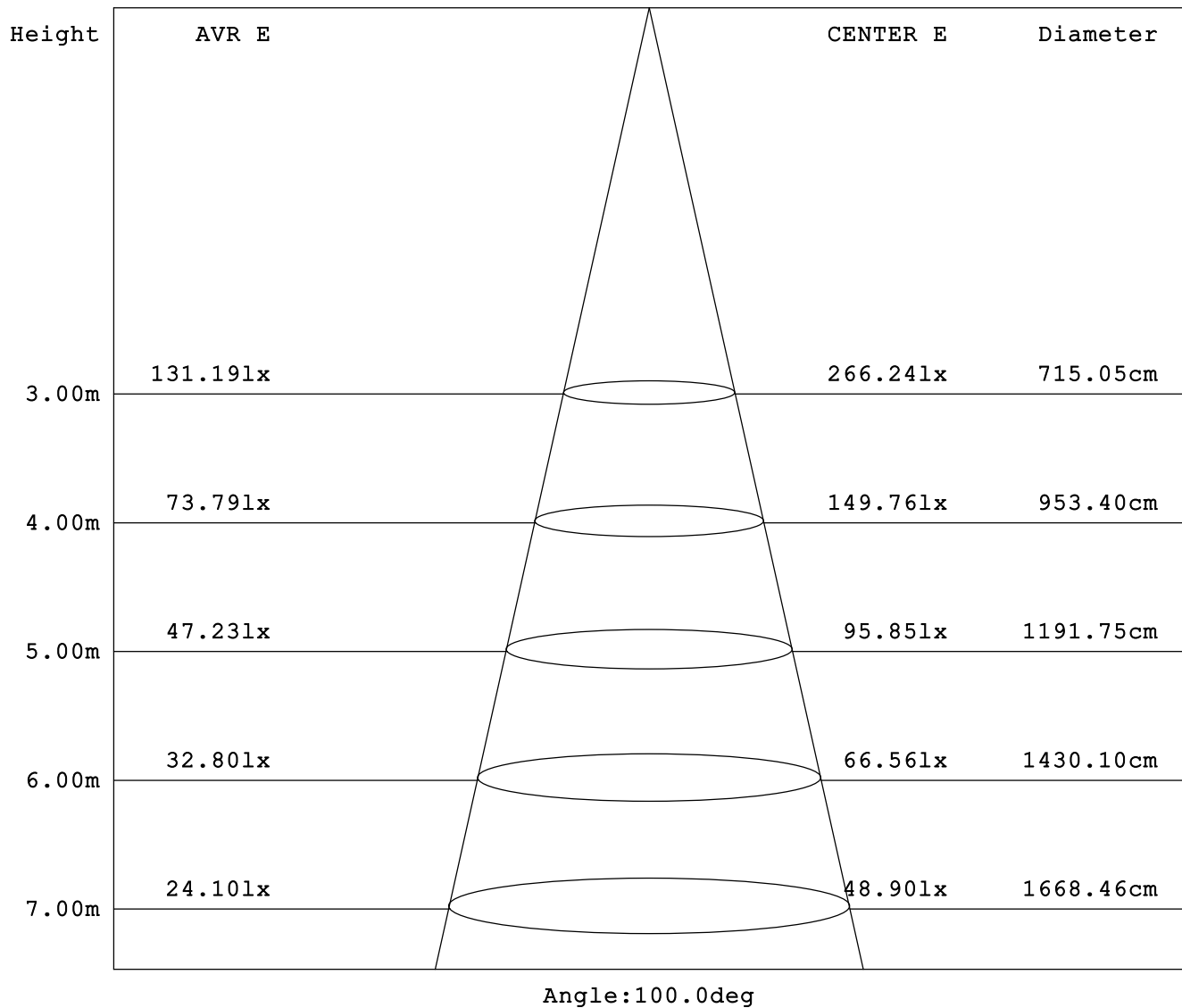
Test System:
 Temperature:25.3DEG
 Operators:
 Test Date:2025.07.01

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

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 5050LED、4000K、T3B	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2345	2584	2670	2554	2325	2103	1985	2104	0- 5	55.79	55.79
10.0	2369	2817	2934	2744	2319	1857	1707	1910	5- 10	166.8	222.6
15.0	2411	3040	3157	2941	2314	1624	1414	1701	10- 15	276.1	498.8
20.0	2456	3250	3387	3137	2309	1388	1152	1489	15- 20	382.6	881.4
25.0	2498	3514	3692	3373	2311	1175	973.4	1279	20- 25	490.1	1372
30.0	2547	3781	3920	3628	2308	1029	943.9	1093	25- 30	604.0	1976
35.0	2591	3972	3908	3809	2287	986.5	933.6	977.6	30- 35	716.8	2692
40.0	2616	4031	3594	3893	2235	1027	902.8	971.8	35- 40	811.3	3504
45.0	2600	3944	3036	3855	2163	1041	784.0	1011	40- 45	872.6	4377
50.0	2580	3682	2347	3625	2085	1004	674.3	998.3	45- 50	891.5	5268
55.0	2548	3225	1490	3206	2114	874.2	586.3	952.0	50- 55	864.8	6133
60.0	2674	2640	898.0	2780	2085	629.5	506.1	717.2	55- 60	806.4	6939
65.0	2857	1901	523.8	2316	1646	445.9	418.4	497.9	60- 65	746.3	7686
70.0	2665	942.9	293.1	1580	794.4	312.0	311.9	343.8	65- 70	673.4	8359
75.0	1436	361.2	120.0	525.1	144.0	172.9	201.2	186.9	70- 75	509.9	8869
80.0	517.6	150.9	57.34	122.8	54.29	67.38	103.1	84.33	75- 80	226.9	9096
85.0	82.41	56.79	17.41	41.50	17.26	15.20	32.87	24.13	80- 85	56.13	9152
90.0	30.71	14.32	4.599	11.55	14.29	6.473	9.002	7.888	85- 90	11.70	9164
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

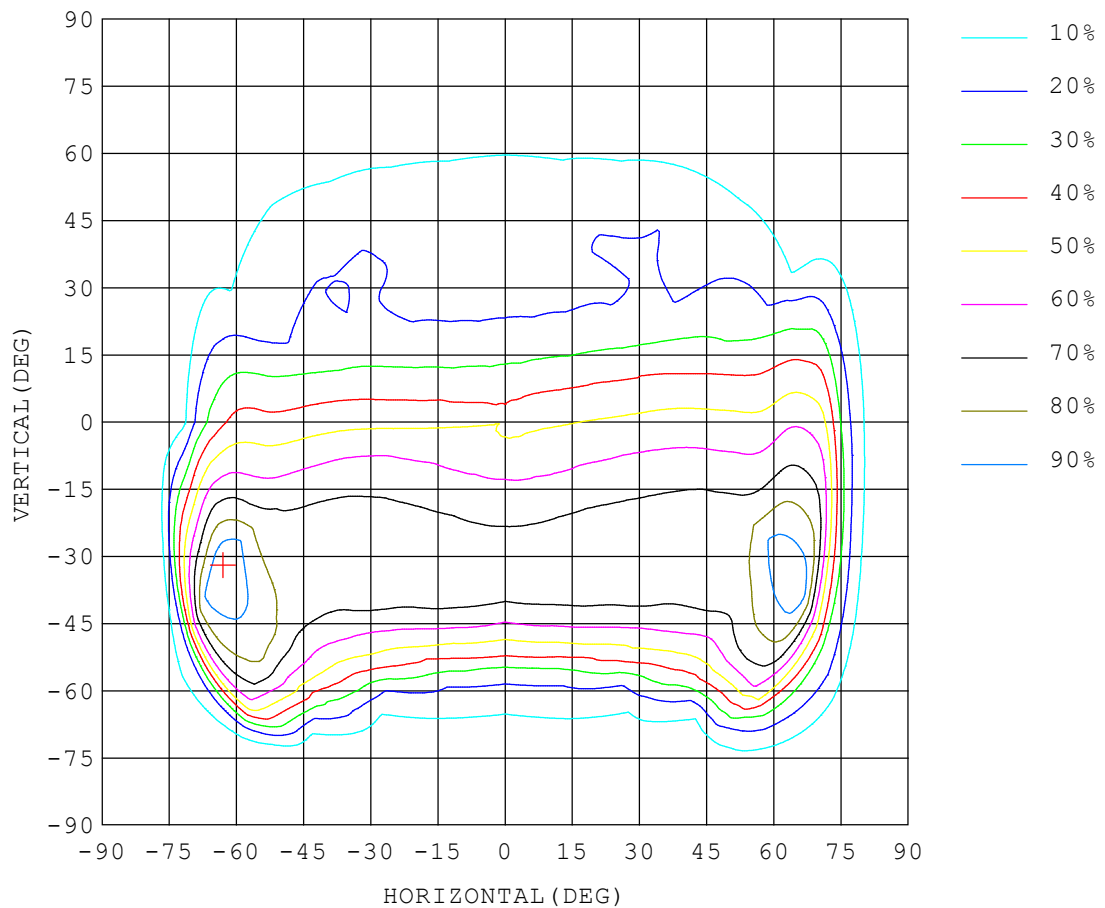
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ISOCANDELA DIAGRAM

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SPECIFICATION: 5050LED、4000K、T3B	DIMENSION:	SERIAL No.:

UNIT: cd



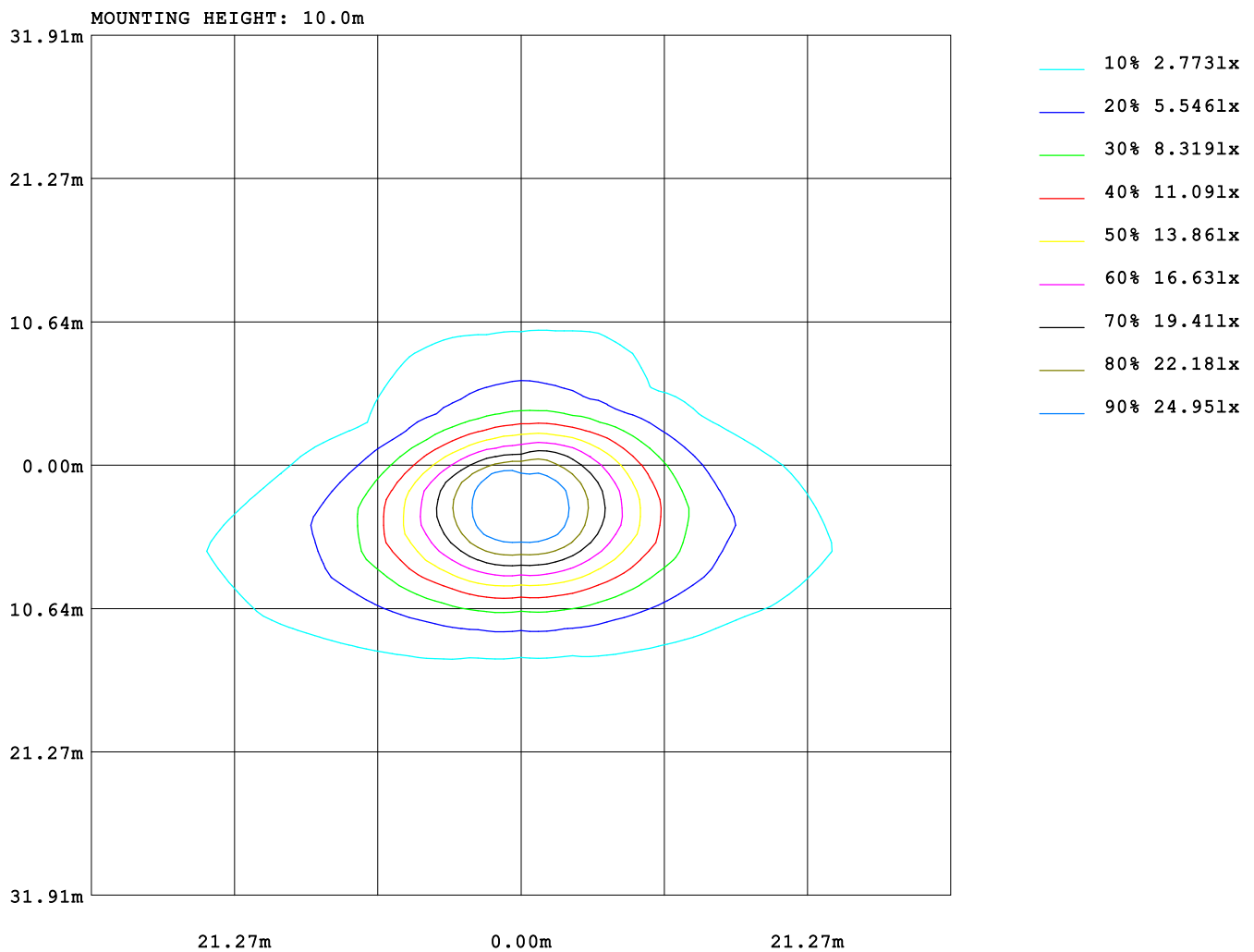
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2025.07.01

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

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION: 5050LED、4000K、T3B	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	2333	2333	2333	2333	2333	2333	2333	2333	2333	2333	2333	2333	2333	2333	2333
5.0	2345	2432	2513	2584	2633	2668	2670	2657	2611	2554	2480	2403	2325	2233	2143
10.0	2369	2546	2700	2817	2886	2938	2934	2914	2838	2744	2618	2483	2319	2125	1957
15.0	2411	2675	2870	3040	3127	3175	3157	3140	3053	2941	2762	2566	2314	2055	1807
20.0	2456	2801	3067	3250	3339	3407	3387	3364	3261	3137	2932	2661	2309	1941	1629
25.0	2498	2926	3260	3514	3658	3728	3692	3678	3574	3373	3115	2765	2311	1832	1446
30.0	2547	3075	3453	3781	3975	4020	3920	3966	3865	3628	3299	2891	2308	1723	1267
35.0	2591	3213	3645	3972	4103	4060	3908	4038	3990	3809	3475	3004	2287	1594	1113
40.0	2616	3346	3851	4031	3948	3804	3594	3803	3871	3893	3648	3078	2235	1429	1025
45.0	2600	3462	3985	3944	3603	3290	3036	3310	3535	3855	3770	3136	2163	1234	999
50.0	2580	3562	3994	3682	3078	2626	2347	2626	3036	3625	3812	3203	2085	1025	1012
55.0	2548	3709	3917	3225	2350	1676	1490	1679	2424	3206	3792	3339	2114	816	942
60.0	2674	4158	3652	2640	1461	1018	898	1026	1682	2780	3777	3824	2085	645	751
65.0	2857	4759	3616	1901	811	603	524	594	829	2316	3869	4552	1646	499	536
70.0	2665	4911	3474	943	418	364	293	370	414	1580	3798	4507	794	340	392
75.0	1436	2915	2563	361	167	153	120	150	163	525	2917	3182	144	139	221
80.0	518	1041	763	151	80.7	74.2	57.3	70.4	68.5	123	468	503	54.2	45.5	69.7
85.0	82.4	119	78.7	56.7	26.6	30.3	17.4	27.9	20.1	41.5	42.1	71.0	17.2	11.0	21.3
90.0	30.7	31.8	13.9	14.3	5.69	9.80	4.59	9.56	4.57	11.5	5.48	16.2	14.2	10.1	13.0

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UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	2333	2333	2333	2333	2333	2333	2333	2333	2333
5.0	2103	2018	2024	1985	2035	2043	2104	2182	2268
10.0	1857	1768	1710	1707	1728	1779	1910	2035	2217
15.0	1624	1502	1424	1414	1451	1555	1701	1885	2157
20.0	1388	1240	1163	1152	1189	1306	1489	1732	2089
25.0	1175	1039	981	973	992	1086	1279	1612	2019
30.0	1029	954	943	944	936	954	1093	1457	1953
35.0	987	959	939	934	937	953	978	1276	1900
40.0	1027	983	922	903	940	983	972	1101	1783
45.0	1041	966	816	784	865	1005	1011	955	1644
50.0	1004	823	689	674	712	925	998	873	1468
55.0	874	670	594	586	605	729	952	819	1276
60.0	630	524	505	506	500	550	717	715	1055
65.0	446	427	413	418	410	430	498	536	757
70.0	312	321	308	312	310	313	344	362	366
75.0	173	201	181	201	186	201	187	204	171
80.0	67.3	92.2	86.5	103	89.2	101	84.3	90.1	61.2
85.0	15.2	27.2	21.7	32.8	24.7	34.1	24.1	28.9	17.0
90.0	6.47	9.42	4.55	9.00	4.58	10.4	7.88	13.7	8.78

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