

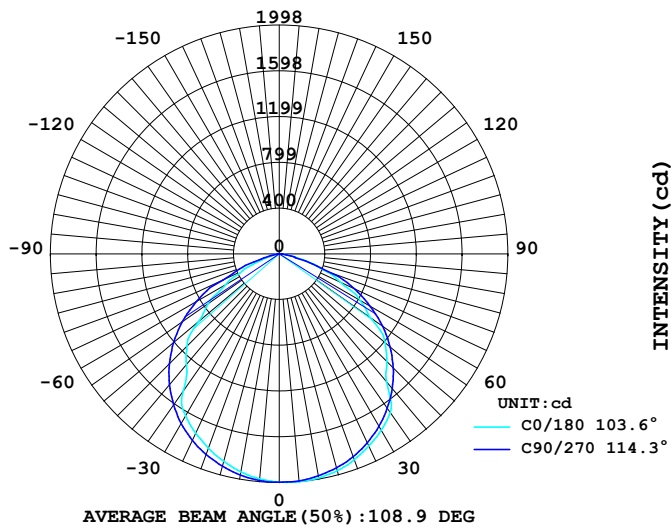
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

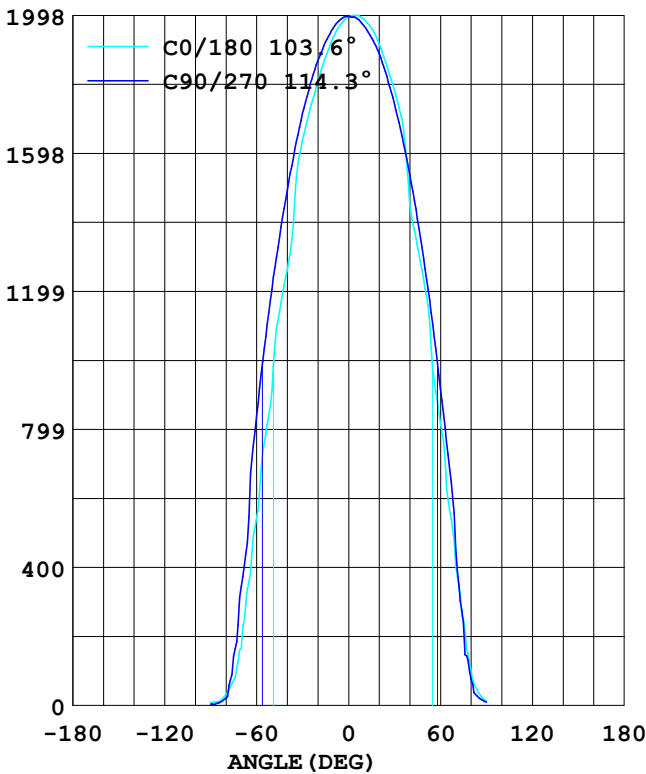
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE: IL-PO29B-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1998	S/MH (C0/180)	1.23
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.28
NOMINAL POWER(W)	39	TOTAL FLUX(lm)	5206.7	Voltage(V)	231.1
RATED VOLTAGE (V)	232	EFFICIENCY (lm/W)	135.1	Current(A)	0.166
NOMINAL FLUX(lm)	5206.8	η up (%)	0.0	Power(W)	38.54
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.921
TEST VOLTAGE (V)	231.1	Effective Flux(lm)	5206.8	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



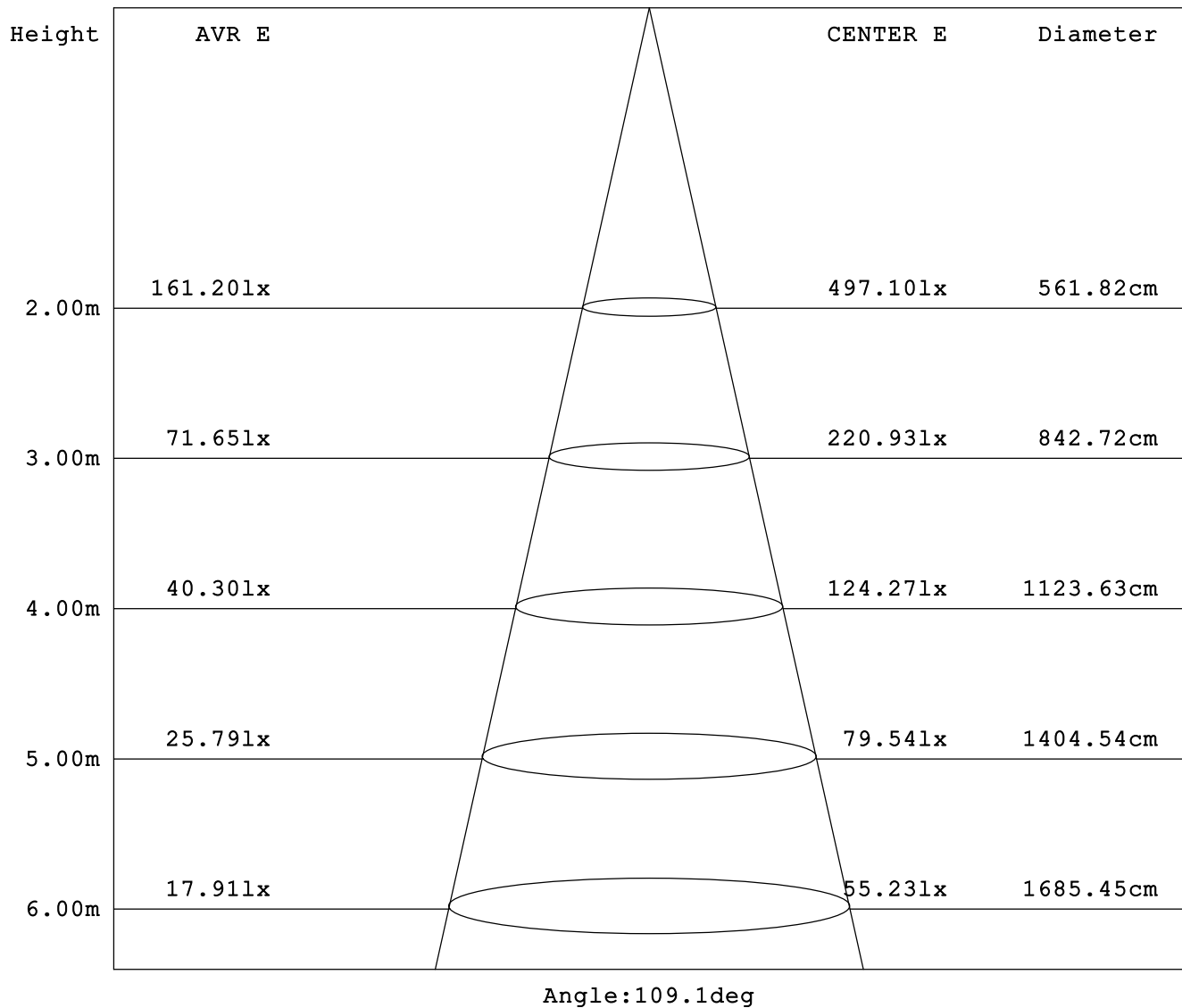
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025.07.01

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

AVERAGE AND CENTER E Figure

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Temperature: 25.3DEG
Operators:
Test Date: 2025.07.01

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ZONAL FLUX DIAGRAM

Report number:

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NAME: Agnes B	TYPE: IL-PO29B-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1972	1981	1986	1986	1998	1993	1990	1988	0- 5	47.59	47.59
10.0	1933	1951	1961	1960	1986	1975	1968	1966	5- 10	141.2	188.8
15.0	1875	1903	1920	1918	1961	1944	1933	1930	10- 15	230.5	419.3
20.0	1807	1839	1866	1859	1915	1900	1887	1878	15- 20	312.5	731.9
25.0	1727	1763	1798	1789	1852	1833	1821	1807	20- 25	384.5	1117
30.0	1636	1672	1714	1703	1780	1753	1740	1721	25- 30	444.4	1561
35.0	1464	1567	1609	1578	1694	1661	1646	1625	30- 35	489.8	2051
40.0	1262	1429	1491	1410	1457	1550	1538	1514	35- 40	511.5	2562
45.0	1142	1245	1358	1286	1330	1357	1408	1337	40- 45	512.6	3075
50.0	912.4	1100	1205	1114	1208	1224	1265	1182	45- 50	497.9	3573
55.0	758.8	915.4	1034	887.7	972.0	1076	1105	1031	50- 55	462.5	4035
60.0	544.9	700.3	839.5	727.7	817.3	823.9	917.8	782.1	55- 60	402.8	4438
65.0	358.4	494.2	545.4	506.2	596.7	657.8	725.9	615.6	60- 65	324.5	4763
70.0	163.3	279.1	344.2	299.3	404.4	448.0	453.9	409.5	65- 70	232.0	4995
75.0	72.86	106.9	143.6	126.3	250.8	224.8	238.4	198.4	70- 75	131.9	5127
80.0	31.28	30.70	21.03	39.96	99.46	86.24	74.40	74.29	75- 80	55.45	5182
85.0	10.91	10.31	7.150	12.94	36.69	25.15	23.10	22.72	80- 85	18.06	5200
90.0	8.522	6.585	4.144	6.523	12.99	8.401	9.740	6.989	85- 90	6.505	5207
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

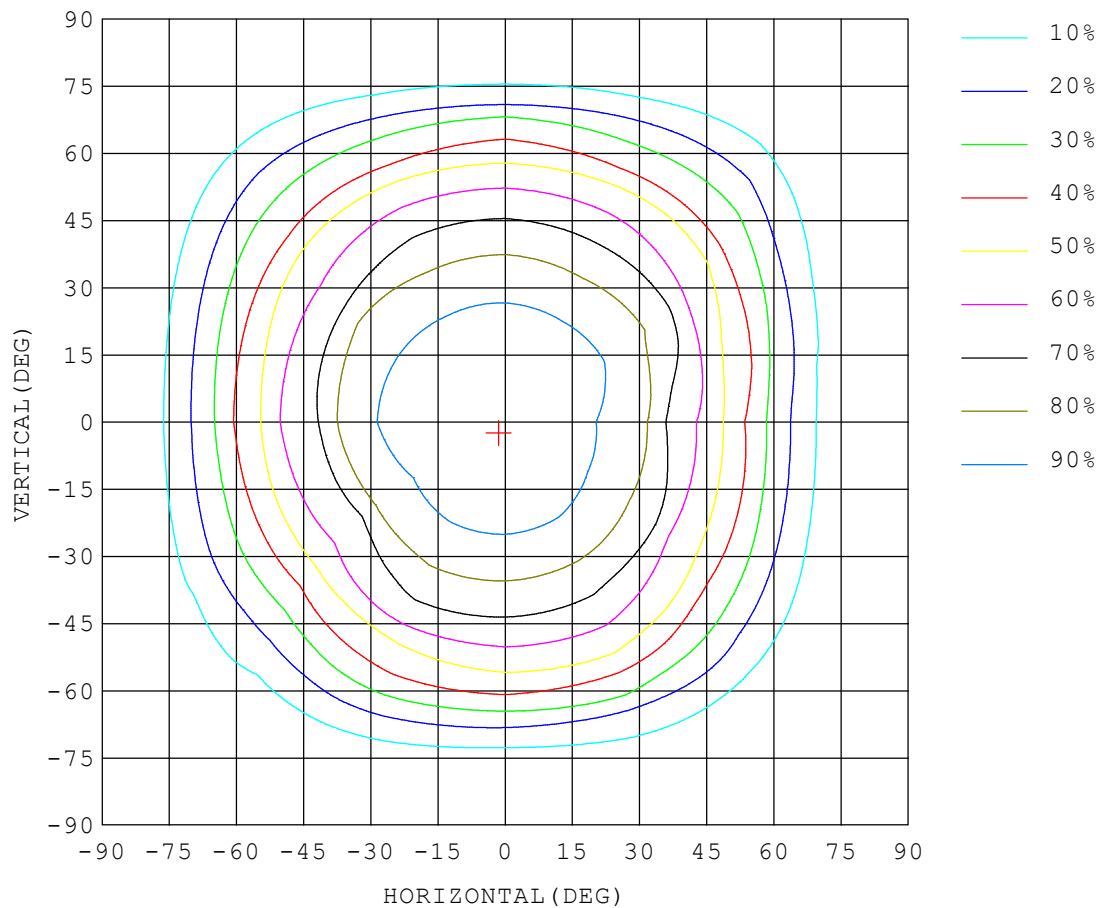
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ISOCANDELA DIAGRAM

Report number:

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NAME: Agnes B	TYPE: IL-PO29B-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

UNIT: cd



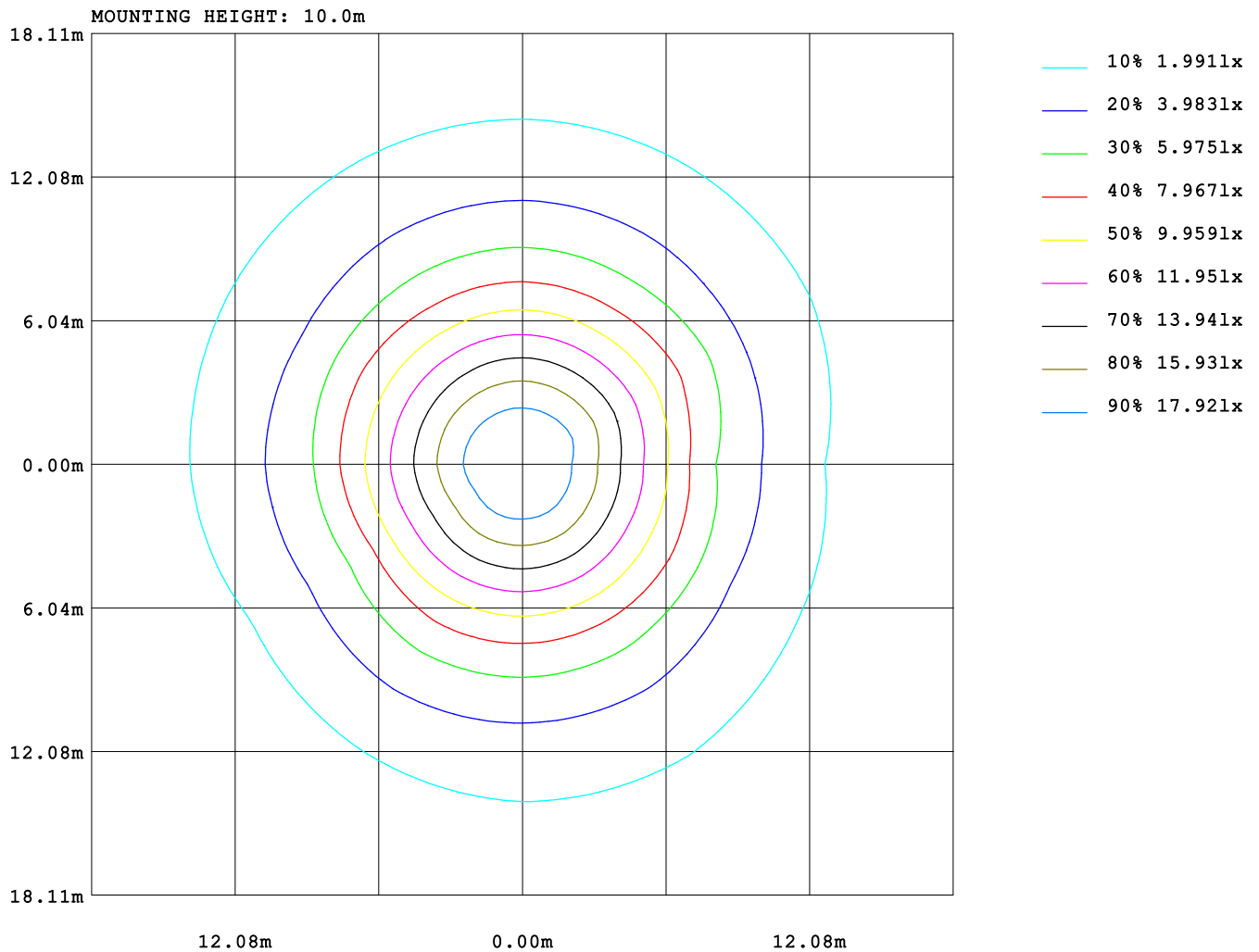
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2025.07.01

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

Report number:

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Test System:
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LUMINOUS DISTRIBUTION INTENSITY DATA

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MANUFACTURER: ILUMEN GMBH	Address:	
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UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993
5.0	1972	1978	1984	1986	1989	1982	1998	1995	1991	1990	1987	1990
10.0	1933	1943	1959	1961	1963	1956	1986	1979	1971	1968	1963	1969
15.0	1875	1890	1915	1920	1925	1911	1961	1952	1936	1933	1926	1934
20.0	1807	1821	1858	1866	1871	1847	1915	1909	1891	1887	1876	1880
25.0	1727	1741	1784	1798	1801	1778	1852	1841	1825	1821	1806	1807
30.0	1636	1647	1697	1714	1713	1692	1780	1766	1740	1740	1718	1724
35.0	1464	1546	1588	1609	1614	1542	1694	1677	1645	1646	1620	1631
40.0	1262	1392	1466	1491	1494	1327	1457	1569	1531	1538	1501	1527
45.0	1142	1153	1336	1358	1362	1209	1330	1312	1403	1408	1368	1305
50.0	912	1015	1185	1205	1163	1065	1208	1189	1259	1265	1226	1138
55.0	759	814	1016	1034	950	826	972	1054	1097	1105	1064	997
60.0	545	624	777	840	792	664	817	805	843	918	810	754
65.0	358	414	575	545	560	452	597	655	660	726	631	600
70.0	163	259	300	344	318	281	404	440	456	454	416	404
75.0	72.8	84.5	129	144	141	112	251	243	207	238	191	206
80.0	31.2	25.5	35.8	21.0	45.8	34.0	99.4	96.1	76.3	74.4	70.1	78.4
85.0	10.9	5.50	15.1	7.15	17.3	8.48	36.6	33.4	16.8	23.1	14.9	30.5
90.0	8.52	4.04	9.12	4.14	9.11	3.93	12.9	12.1	4.66	9.74	4.03	9.93

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