

LUMINAIRE PHOTOMETRIC TEST REPORT

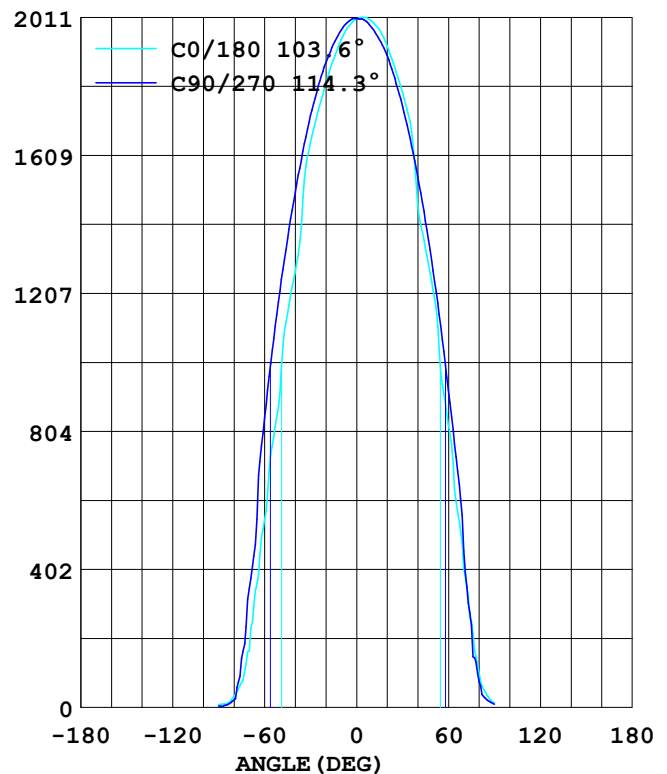
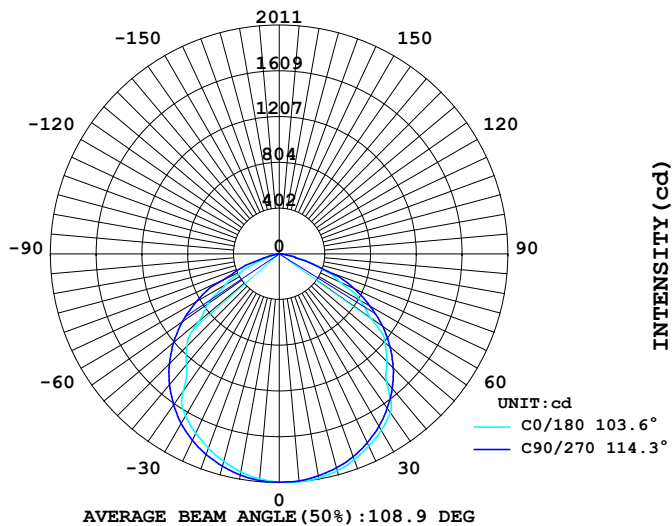
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	2011	S/MH (C0/180)	1.23
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.28
NOMINAL POWER(W)	39	TOTAL FLUX(lm)	5240.6	Voltage(V)	231.1
RATED VOLTAGE (V)	232	EFFICIENCY (lm/W)	136.0	Current(A)	0.166
NOMINAL FLUX(lm)	5240.6	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)	5240.6	EEI	0.110

LUMINOUS INTENSITY DISTRIBUTION

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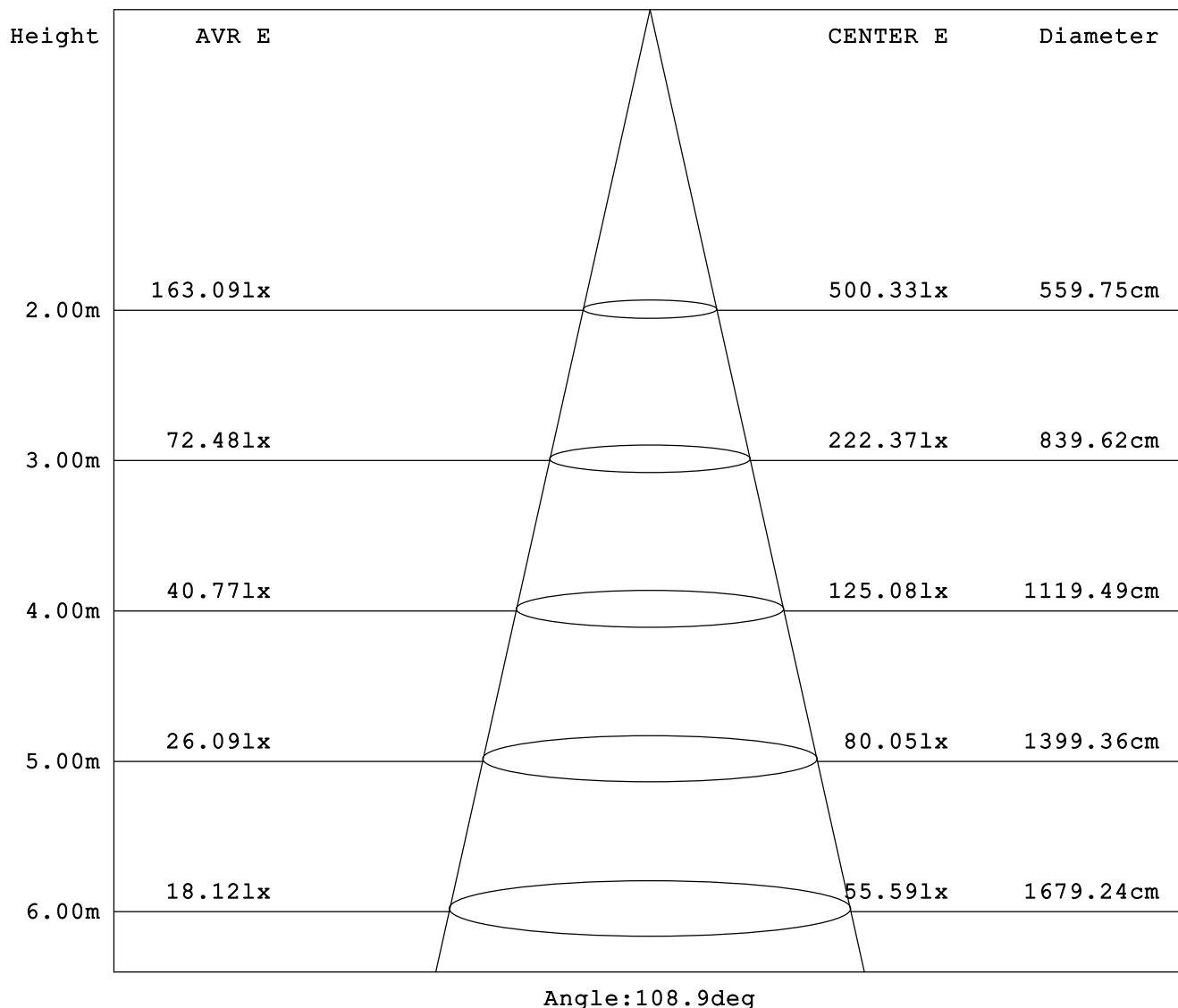
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025.07.01

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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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1985	1994	1999	1999	2011	2006	2003	2001	0- 5	47.90	47.90
10.0	1946	1963	1973	1973	1999	1988	1981	1978	5- 10	142.2	190.1
15.0	1888	1915	1933	1930	1973	1957	1945	1943	10- 15	232.0	422.1
20.0	1819	1851	1878	1871	1927	1912	1899	1890	15- 20	314.5	736.6
25.0	1738	1774	1810	1801	1864	1845	1833	1818	20- 25	387.0	1124
30.0	1646	1683	1725	1714	1791	1764	1751	1732	25- 30	447.3	1571
35.0	1474	1577	1619	1588	1705	1672	1657	1636	30- 35	492.9	2064
40.0	1270	1438	1501	1419	1466	1560	1548	1524	35- 40	514.8	2579
45.0	1149	1253	1367	1294	1338	1366	1417	1345	40- 45	515.9	3095
50.0	918.4	1107	1213	1121	1216	1232	1273	1190	45- 50	501.1	3596
55.0	763.7	921.3	1041	893.5	978.3	1083	1112	1037	50- 55	465.5	4062
60.0	548.4	704.8	845.0	732.5	822.6	829.2	923.7	787.2	55- 60	405.4	4467
65.0	360.8	497.4	549.0	509.5	600.5	662.1	730.7	619.6	60- 65	326.6	4794
70.0	164.4	280.9	346.4	301.2	407.0	450.9	456.9	412.1	65- 70	233.5	5027
75.0	73.33	107.6	144.5	127.2	252.4	226.3	239.9	199.7	70- 75	132.7	5160
80.0	31.48	30.89	21.17	40.22	100.1	86.80	74.88	74.77	75- 80	55.81	5216
85.0	10.98	10.38	7.196	13.02	36.92	25.31	23.25	22.87	80- 85	18.18	5234
90.0	8.578	6.628	4.171	6.565	13.07	8.455	9.804	7.034	85- 90	6.548	5241
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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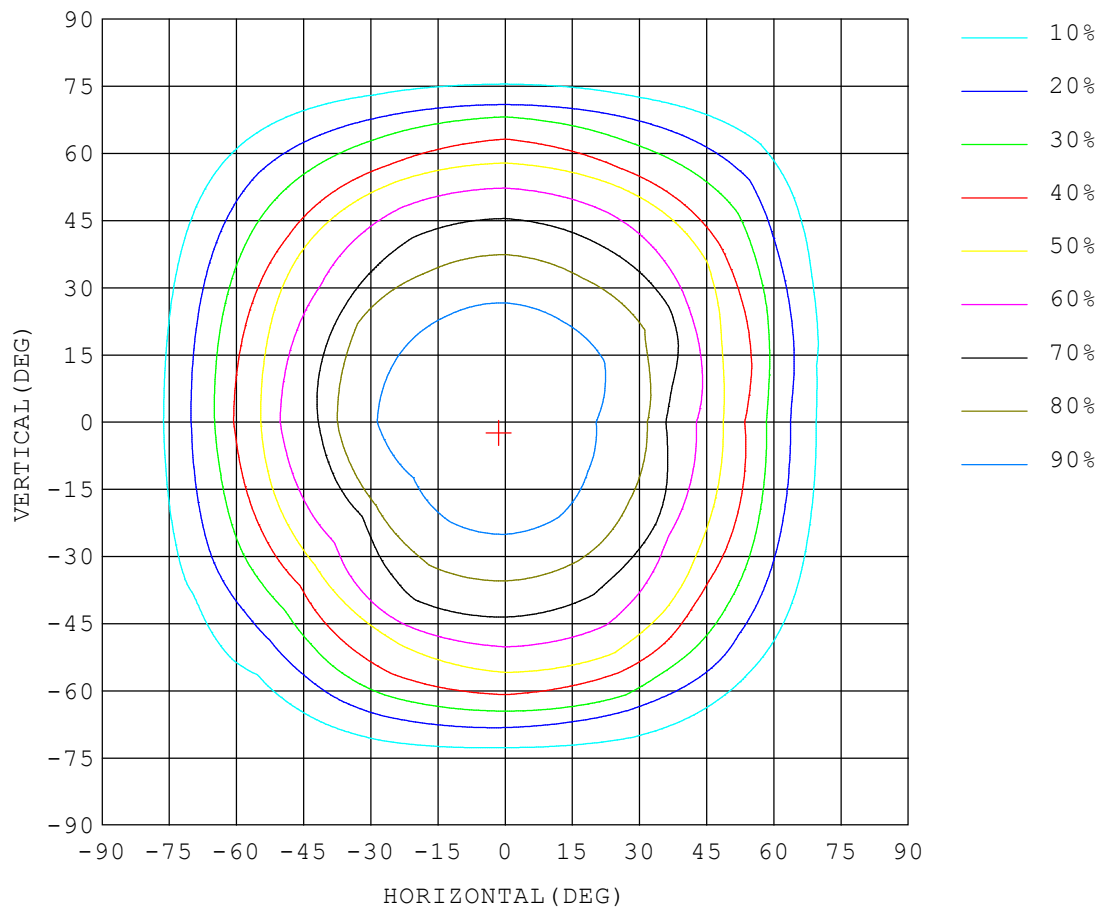
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UNIT: cd



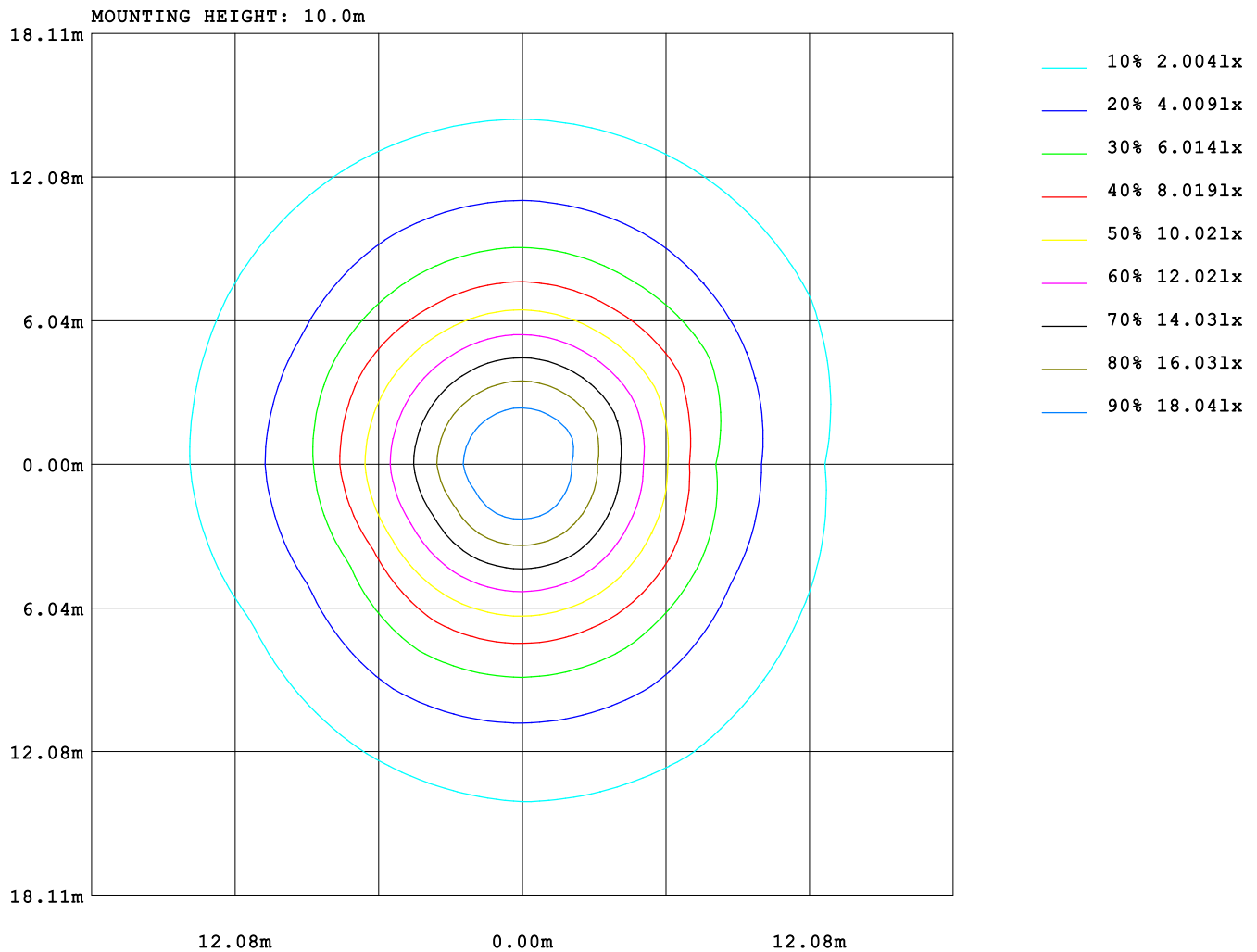
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006
5.0	1985	1991	1997	1999	2002	1995	2011	2008	2003	2003	2000	2003
10.0	1946	1955	1972	1973	1976	1969	1999	1992	1984	1981	1975	1981
15.0	1888	1903	1928	1933	1937	1923	1973	1965	1949	1945	1939	1947
20.0	1819	1832	1870	1878	1883	1859	1927	1921	1903	1899	1888	1892
25.0	1738	1752	1796	1810	1812	1789	1864	1853	1837	1833	1817	1819
30.0	1646	1658	1708	1725	1724	1703	1791	1778	1751	1751	1729	1736
35.0	1474	1556	1599	1619	1624	1552	1705	1687	1656	1657	1630	1642
40.0	1270	1401	1476	1501	1503	1335	1466	1579	1541	1548	1510	1537
45.0	1149	1161	1345	1367	1371	1217	1338	1320	1412	1417	1377	1313
50.0	918	1022	1192	1213	1171	1072	1216	1197	1267	1273	1234	1145
55.0	764	820	1023	1041	956	831	978	1061	1104	1112	1071	1004
60.0	548	628	782	845	797	668	823	810	848	924	815	759
65.0	361	416	578	549	564	455	601	660	665	731	635	604
70.0	164	260	302	346	320	283	407	443	459	457	418	406
75.0	73.3	85.1	130	145	142	112	252	245	208	240	192	208
80.0	31.4	25.6	36.0	21.1	46.1	34.2	100	96.7	76.8	74.8	70.5	78.9
85.0	10.9	5.53	15.2	7.19	17.5	8.54	36.9	33.6	17.0	23.2	15.0	30.7
90.0	8.57	4.07	9.18	4.17	9.17	3.95	13.0	12.2	4.69	9.80	4.06	10.0

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