

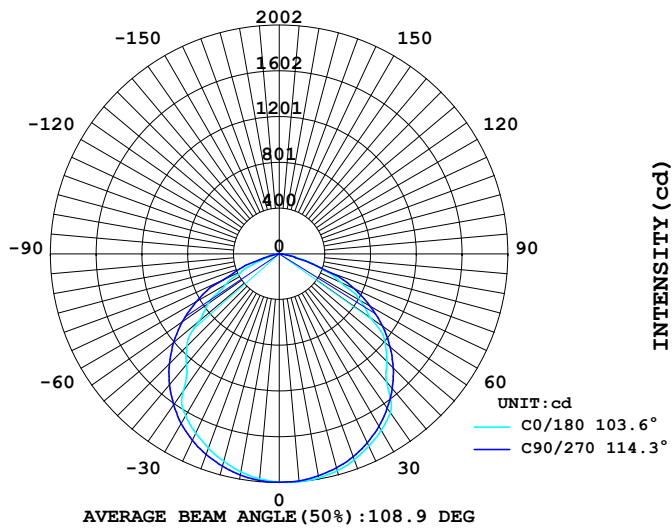
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

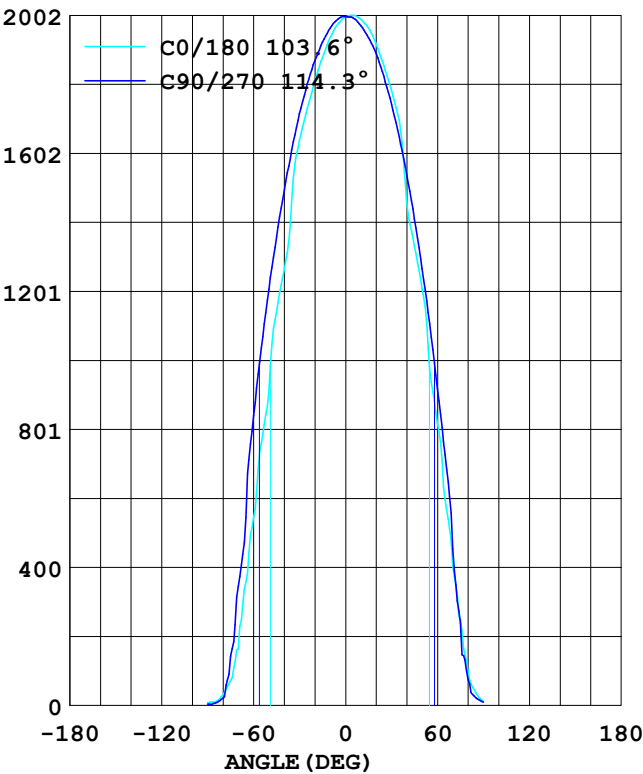
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes C	TYPE: IL-PO29C-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	2002	S/MH (C0/180)	1.23
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.28
NOMINAL POWER(W)	39	TOTAL FLUX(lm)	5218.3	Voltage(V)	231.1
RATED VOLTAGE (V)	232	EFFICIENCY (lm/W)	135.4	Current(A)	0.166
NOMINAL FLUX(lm)	5218.3	$\eta$ up (%)	0.0	Power(W)	38.54
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.921
TEST VOLTAGE (V)	231.1	Effective Flux(lm)	5218.3	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



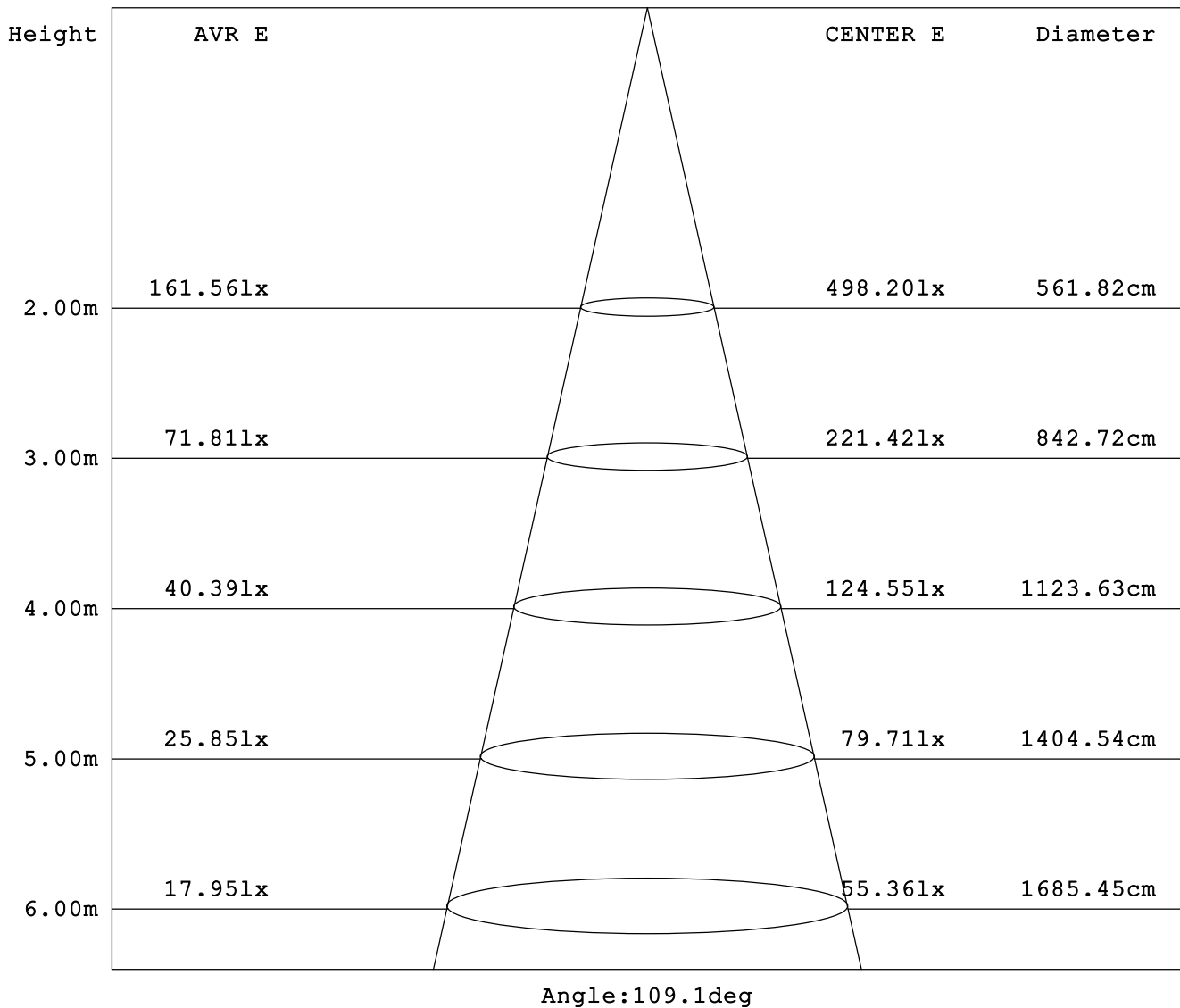
Test System:  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2025.07.01

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

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes C	TYPE: IL-PO29C-N0402C-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 C	TYPE: IL-PO29C-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1977	1985	1991	1990	2002	1997	1995	1993	0- 5	47.69	47.69
10.0	1937	1955	1965	1964	1991	1980	1972	1970	5- 10	141.6	189.3
15.0	1880	1907	1924	1922	1965	1949	1937	1935	10- 15	231.0	420.3
20.0	1811	1843	1870	1863	1919	1904	1891	1882	15- 20	313.2	733.5
25.0	1731	1767	1802	1793	1856	1837	1825	1811	20- 25	385.4	1119
30.0	1639	1676	1718	1706	1784	1757	1744	1725	25- 30	445.4	1564
35.0	1468	1571	1612	1581	1698	1665	1650	1629	30- 35	490.9	2055
40.0	1265	1432	1495	1413	1460	1553	1541	1517	35- 40	512.6	2568
45.0	1145	1247	1361	1288	1333	1360	1411	1340	40- 45	513.7	3082
50.0	914.5	1102	1208	1116	1211	1227	1267	1185	45- 50	499.0	3581
55.0	760.5	917.4	1037	889.7	974.1	1078	1107	1033	50- 55	463.5	4044
60.0	546.1	701.9	841.4	729.3	819.1	825.7	919.8	783.8	55- 60	403.7	4448
65.0	359.2	495.3	546.6	507.3	598.0	659.3	727.6	617.0	60- 65	325.2	4773
70.0	163.7	279.7	345.0	299.9	405.3	448.9	454.9	410.4	65- 70	232.5	5006
75.0	73.02	107.1	143.9	126.6	251.3	225.3	238.9	198.9	70- 75	132.2	5138
80.0	31.35	30.76	21.08	40.05	99.68	86.43	74.56	74.45	75- 80	55.58	5194
85.0	10.93	10.34	7.165	12.97	36.77	25.20	23.15	22.77	80- 85	18.10	5212
90.0	8.541	6.600	4.154	6.537	13.02	8.419	9.762	7.004	85- 90	6.520	5218
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

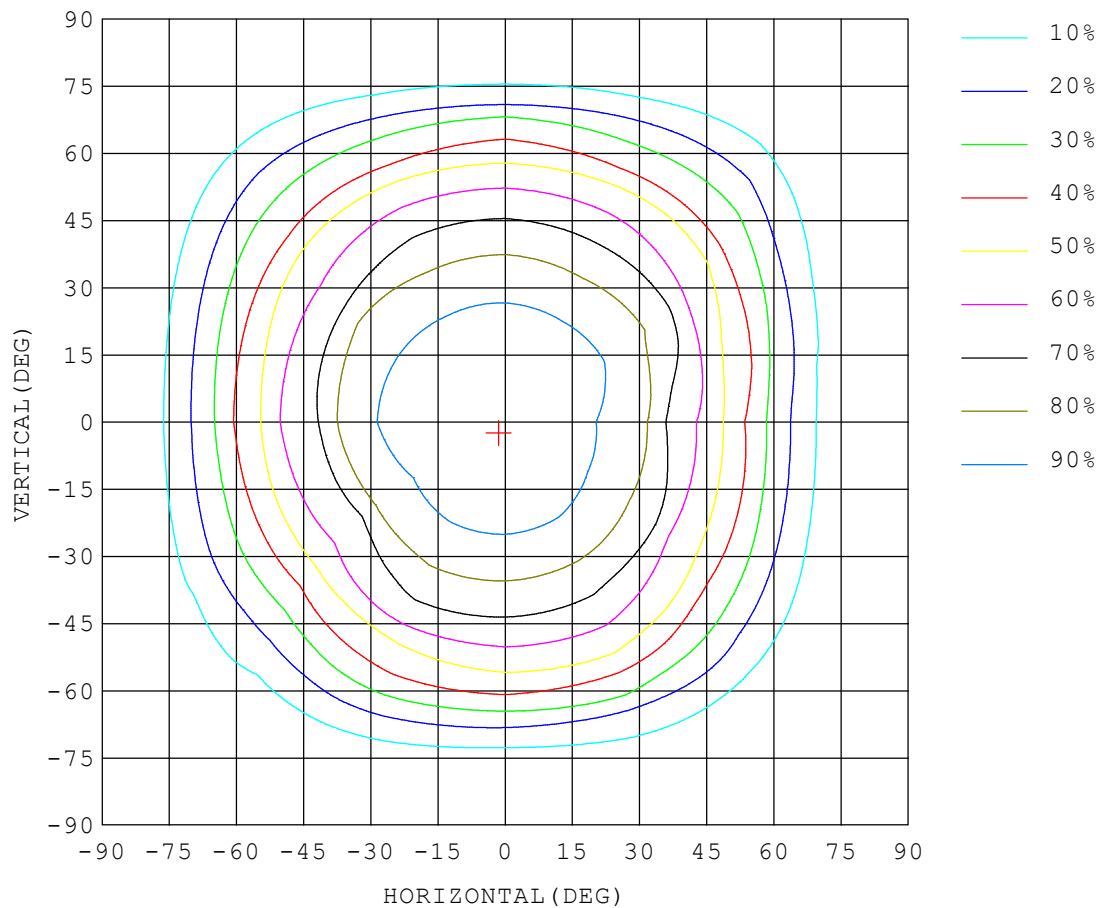
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Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes C	TYPE: IL-PO29C-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

UNIT: cd



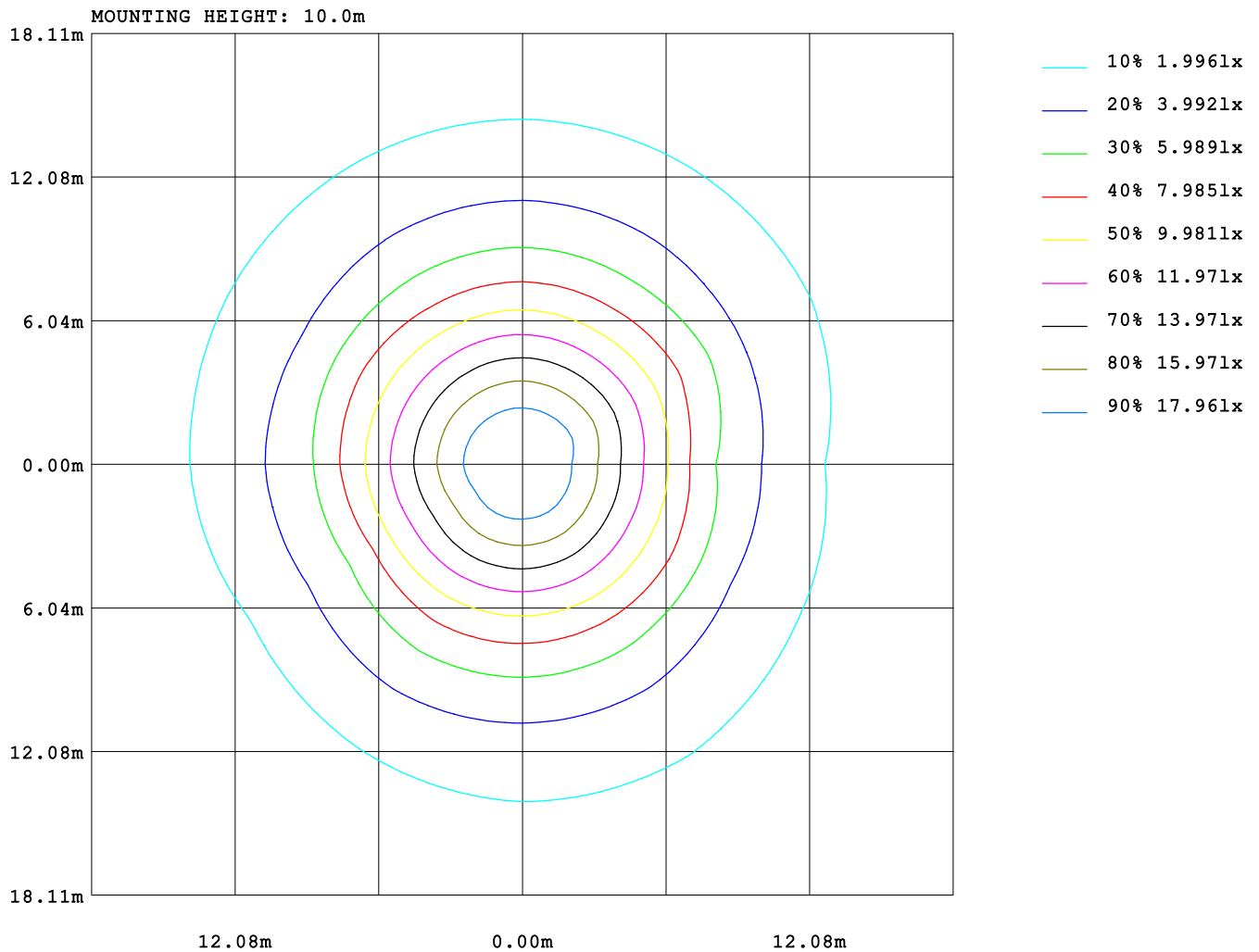
Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2025.07.01

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

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes C	TYPE: IL-PO29C-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:



Test System:  
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Test Date: 2025.07.01

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Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: ILUMEN GMBH</b>	<b>Address:</b>	
<b>NAME: Agnes C</b>	<b>TYPE: IL-PO29C-N0402C-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	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998
5.0	1977	1982	1988	1991	1993	1987	2002	1999	1995	1995	1991	1994
10.0	1937	1947	1963	1965	1968	1961	1991	1984	1976	1972	1967	1973
15.0	1880	1895	1920	1924	1929	1915	1965	1957	1941	1937	1930	1939
20.0	1811	1825	1862	1870	1875	1851	1919	1913	1895	1891	1880	1884
25.0	1731	1745	1788	1802	1805	1782	1856	1845	1829	1825	1810	1811
30.0	1639	1651	1700	1718	1717	1696	1784	1770	1744	1744	1721	1728
35.0	1468	1549	1592	1612	1617	1545	1698	1680	1649	1650	1623	1635
40.0	1265	1395	1469	1495	1497	1329	1460	1573	1534	1541	1504	1530
45.0	1145	1156	1339	1361	1365	1212	1333	1315	1406	1411	1371	1308
50.0	915	1017	1187	1208	1166	1067	1211	1192	1261	1267	1229	1140
55.0	761	816	1019	1037	952	827	974	1057	1099	1107	1066	999
60.0	546	625	779	841	794	665	819	807	845	920	812	756
65.0	359	415	576	547	561	453	598	657	662	728	632	602
70.0	164	259	300	345	318	282	405	441	457	455	416	404
75.0	73.0	84.7	130	144	141	112	251	244	207	239	191	207
80.0	31.3	25.5	35.9	21.0	45.9	34.1	99.6	96.3	76.5	74.5	70.2	78.6
85.0	10.9	5.51	15.1	7.16	17.4	8.50	36.7	33.4	16.9	23.1	14.9	30.6
90.0	8.54	4.05	9.14	4.15	9.13	3.94	13.0	12.1	4.67	9.76	4.04	9.96

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