

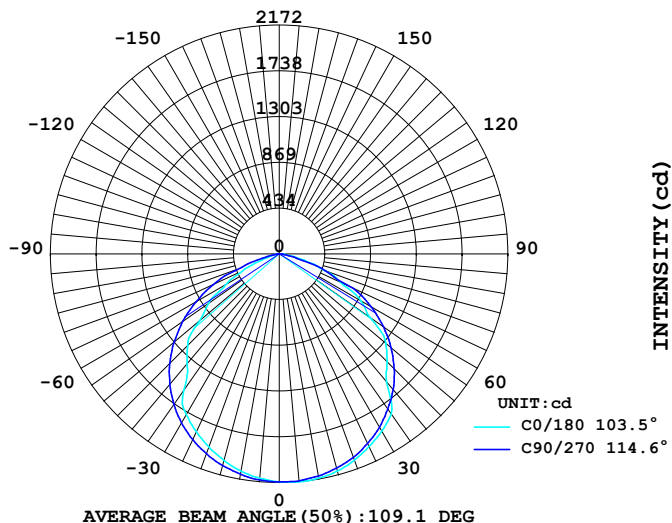
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

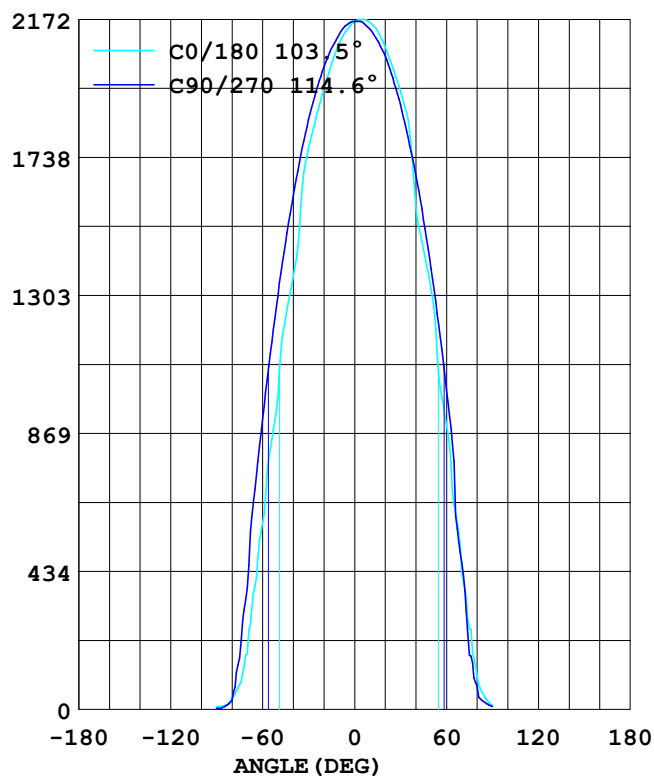
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes A	TYPE: IL-PO29A-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110EGD	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	2172	S/MH (C0/180)	1.22
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	38	TOTAL FLUX(lm)	5659.8	Voltage(V)	231.1
RATED VOLTAGE (V)	232	EFFICIENCY (lm/W)	145.2	Current(A)	0.164
NOMINAL FLUX(lm)	5659.9	η up (%)	0.0	Power(W)	38.98
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.920
TEST VOLTAGE (V)	231.1	Effective Flux(lm)	5659.9	EEI	0.103

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



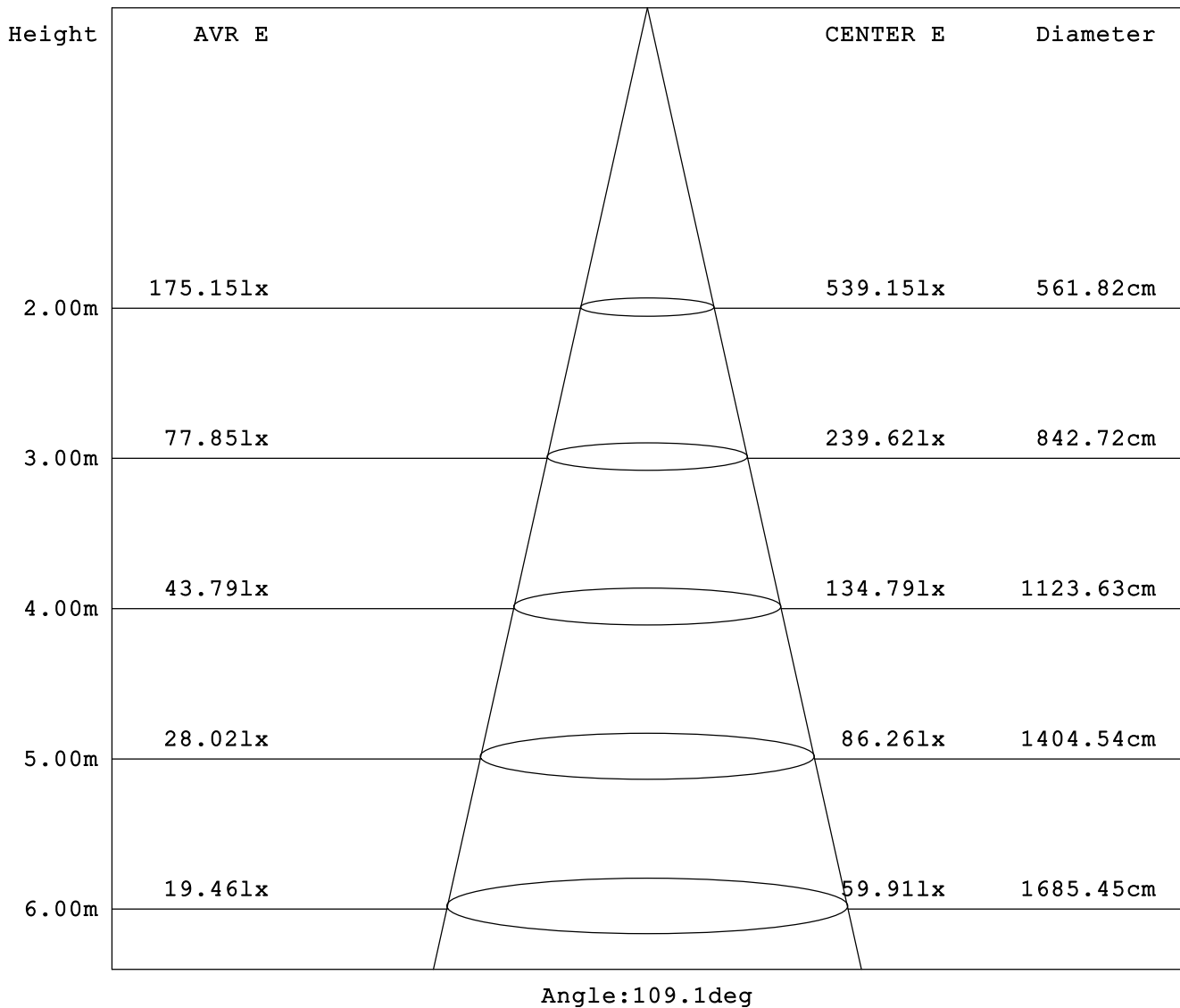
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025.07.01

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

AVERAGE AND CENTER E Figure

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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	2139	2149	2155	2156	2172	2168	2163	2160	0- 5	51.68	51.68
10.0	2095	2114	2124	2129	2162	2152	2142	2135	5- 10	153.4	205.1
15.0	2031	2060	2081	2085	2136	2119	2105	2094	10- 15	250.3	455.5
20.0	1953	1989	2020	2022	2086	2069	2057	2037	15- 20	339.3	794.9
25.0	1863	1902	1946	1943	2019	2001	1987	1961	20- 25	417.6	1213
30.0	1766	1803	1856	1849	1945	1917	1902	1867	25- 30	482.6	1695
35.0	1580	1688	1744	1711	1855	1821	1799	1763	30- 35	532.1	2227
40.0	1362	1540	1617	1532	1587	1696	1685	1642	35- 40	555.8	2783
45.0	1233	1341	1471	1396	1448	1491	1543	1455	40- 45	557.1	3340
50.0	984.1	1186	1301	1206	1323	1343	1388	1286	45- 50	541.4	3882
55.0	818.2	988.6	1120	960.2	1053	1180	1211	1123	50- 55	502.7	4385
60.0	589.6	761.1	914.8	785.6	895.9	902.5	1008	850.2	55- 60	438.1	4823
65.0	388.4	537.2	692.9	549.6	644.0	721.2	780.6	670.7	60- 65	353.8	5177
70.0	173.5	327.9	380.9	352.7	434.9	449.8	462.8	405.8	65- 70	253.0	5430
75.0	78.42	123.3	161.4	144.6	254.8	251.9	171.2	211.8	70- 75	144.1	5574
80.0	33.29	35.85	27.50	46.12	108.2	89.26	73.28	69.71	75- 80	60.13	5634
85.0	11.20	11.22	8.390	14.42	39.80	27.29	22.30	23.00	80- 85	19.09	5653
90.0	8.643	6.809	4.248	6.838	13.65	8.618	9.876	7.103	85- 90	6.794	5660
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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Temperature:25.3DEG
Operators:
Test Date:2025.07.01

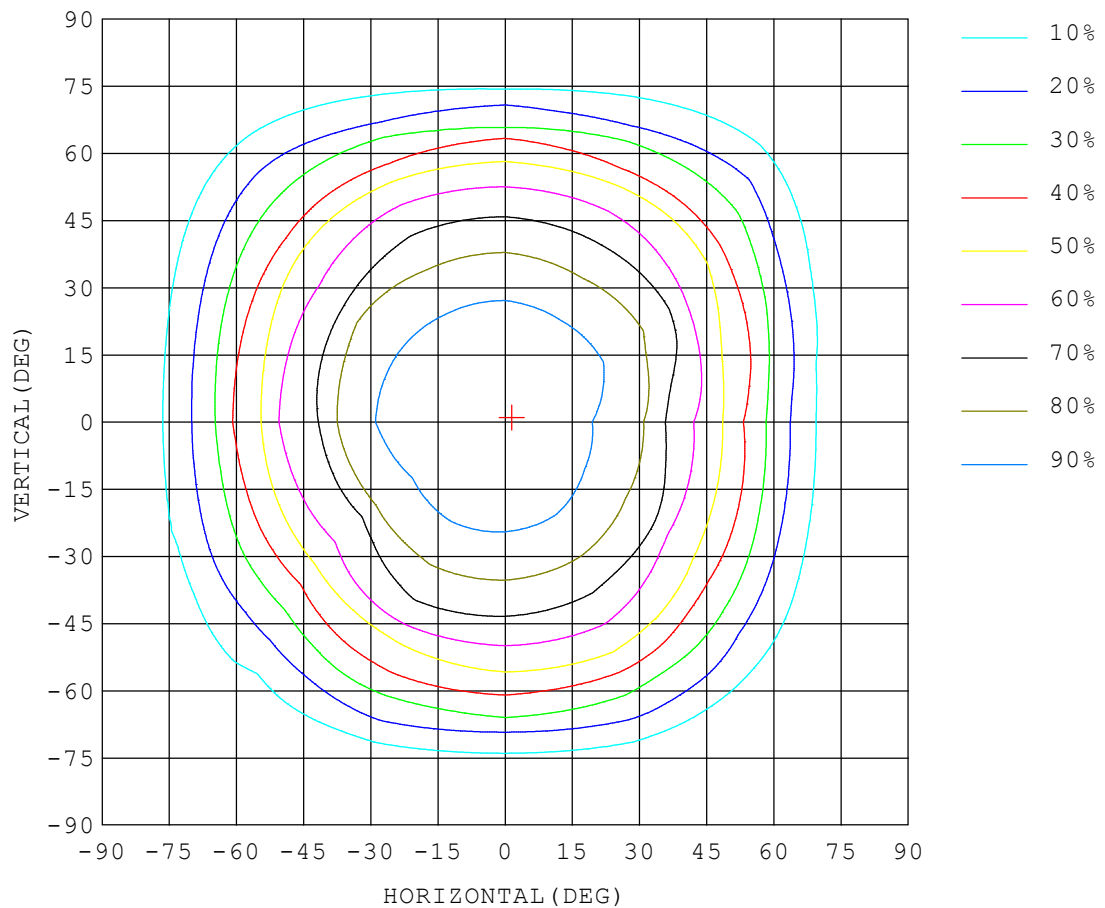
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ISOCANDELA DIAGRAM

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SPECIFICATION: 2835LED、4000K、110EGD	DIMENSION:	SERIAL No.:

UNIT: cd



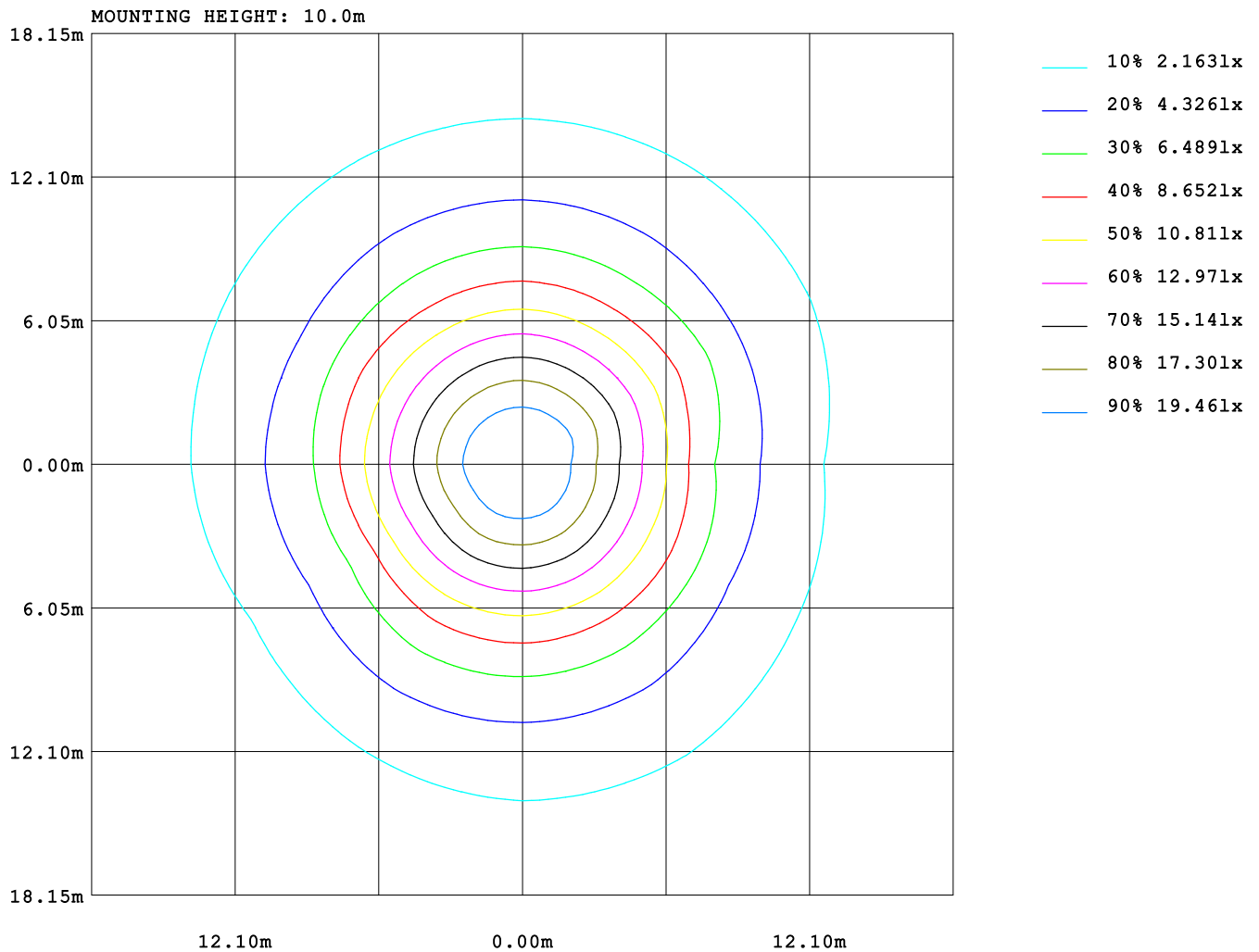
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ISOLUX DIAGRAM

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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	2165	2165	2165	2165	2165	2165	2165	2165	2165	2165	2165	2165
5.0	2139	2146	2153	2155	2158	2154	2172	2171	2165	2163	2159	2161
10.0	2095	2105	2122	2124	2132	2126	2162	2159	2144	2142	2133	2137
15.0	2031	2047	2073	2081	2090	2080	2136	2127	2110	2105	2094	2094
20.0	1953	1969	2010	2020	2032	2013	2086	2078	2060	2057	2038	2036
25.0	1863	1877	1927	1946	1954	1932	2019	2011	1991	1987	1963	1959
30.0	1766	1775	1830	1856	1859	1839	1945	1930	1904	1902	1869	1866
35.0	1580	1661	1715	1744	1749	1673	1855	1839	1803	1799	1761	1765
40.0	1362	1497	1582	1617	1624	1441	1587	1714	1678	1685	1636	1649
45.0	1233	1243	1439	1471	1486	1307	1448	1439	1543	1543	1494	1415
50.0	984	1096	1276	1301	1261	1151	1323	1302	1385	1388	1340	1232
55.0	818	882	1095	1120	1031	890	1053	1150	1210	1211	1166	1080
60.0	590	675	847	915	853	718	896	879	926	1008	882	818
65.0	388	447	627	693	609	490	644	717	725	781	687	654
70.0	174	272	384	381	412	294	435	480	420	463	373	438
75.0	78.4	99.0	148	161	168	122	255	280	223	171	204	220
80.0	33.2	29.0	42.6	27.5	53.8	38.3	108	111	67.9	73.2	58.7	80.6
85.0	11.2	5.85	16.5	8.39	19.4	9.43	39.8	38.6	15.9	22.3	14.5	31.4
90.0	8.64	4.15	9.45	4.24	9.54	4.13	13.6	12.4	4.78	9.87	4.13	10.0

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