

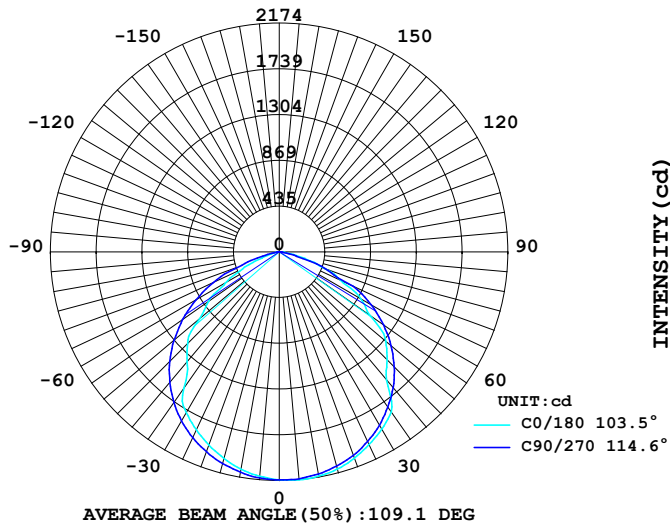
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

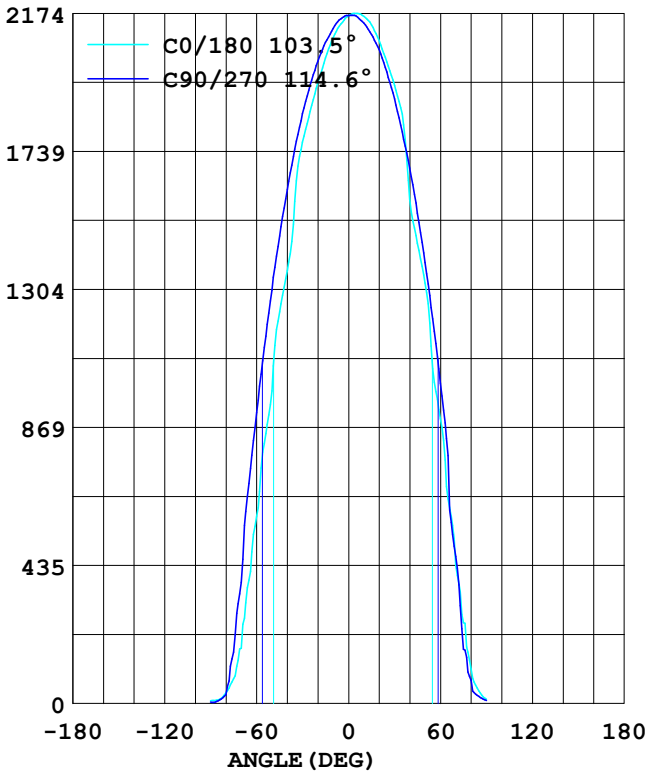
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE: IL-PO29B-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	2174	S/MH (C0/180)	1.22
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	38	TOTAL FLUX(lm)	5663.7	Voltage(V)	231.1
RATED VOLTAGE (V)	232	EFFICIENCY (lm/W)	145.3	Current(A)	0.164
NOMINAL FLUX(lm)	5663.8	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)	5663.8	EEI	0.103

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



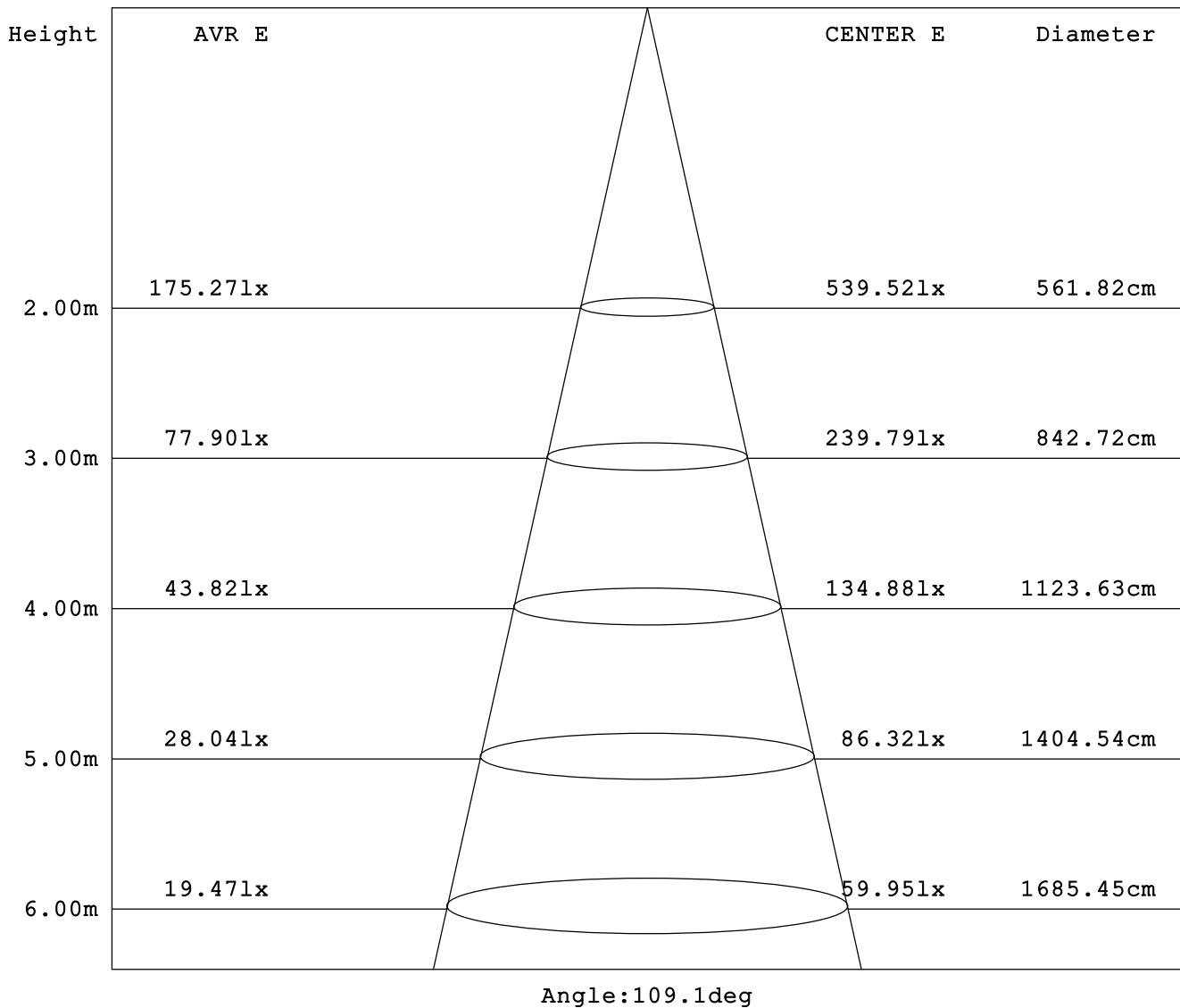
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025.07.01

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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ZONAL FLUX DIAGRAM

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2140	2151	2156	2158	2174	2169	2165	2162	0- 5	51.72	51.72
10.0	2096	2115	2126	2131	2164	2153	2143	2136	5- 10	153.5	205.3
15.0	2033	2062	2082	2086	2137	2120	2106	2095	10- 15	250.5	455.8
20.0	1954	1990	2022	2024	2087	2070	2059	2039	15- 20	339.6	795.4
25.0	1865	1903	1947	1944	2020	2002	1989	1962	20- 25	417.9	1213
30.0	1767	1804	1857	1851	1946	1918	1904	1869	25- 30	482.9	1696
35.0	1581	1689	1745	1712	1856	1823	1800	1764	30- 35	532.5	2229
40.0	1363	1541	1618	1534	1588	1697	1686	1643	35- 40	556.1	2785
45.0	1234	1342	1472	1397	1449	1492	1544	1456	40- 45	557.5	3343
50.0	984.8	1187	1302	1207	1324	1344	1389	1287	45- 50	541.8	3885
55.0	818.7	989.3	1121	960.9	1054	1181	1211	1124	50- 55	503.0	4388
60.0	590.0	761.6	915.4	786.1	896.5	903.1	1009	850.7	55- 60	438.4	4826
65.0	388.6	537.6	693.4	549.9	644.5	721.7	781.1	671.2	60- 65	354.1	5180
70.0	173.6	328.1	381.2	353.0	435.2	450.1	463.1	406.1	65- 70	253.2	5433
75.0	78.48	123.4	161.5	144.7	254.9	252.1	171.3	211.9	70- 75	144.2	5578
80.0	33.31	35.88	27.52	46.15	108.2	89.32	73.33	69.76	75- 80	60.17	5638
85.0	11.21	11.23	8.395	14.42	39.82	27.30	22.31	23.02	80- 85	19.10	5657
90.0	8.649	6.814	4.251	6.843	13.66	8.624	9.883	7.108	85- 90	6.799	5664
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

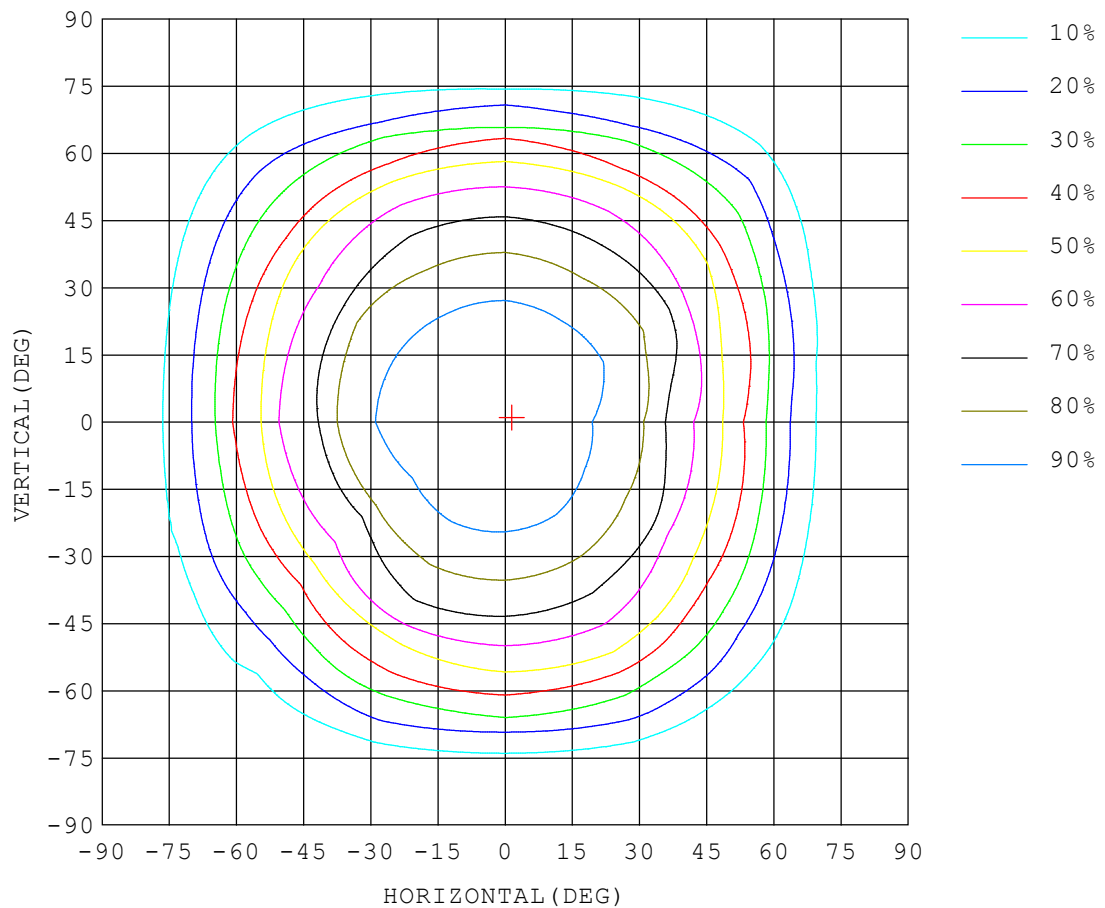
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ISOCANDELA DIAGRAM

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

UNIT: cd



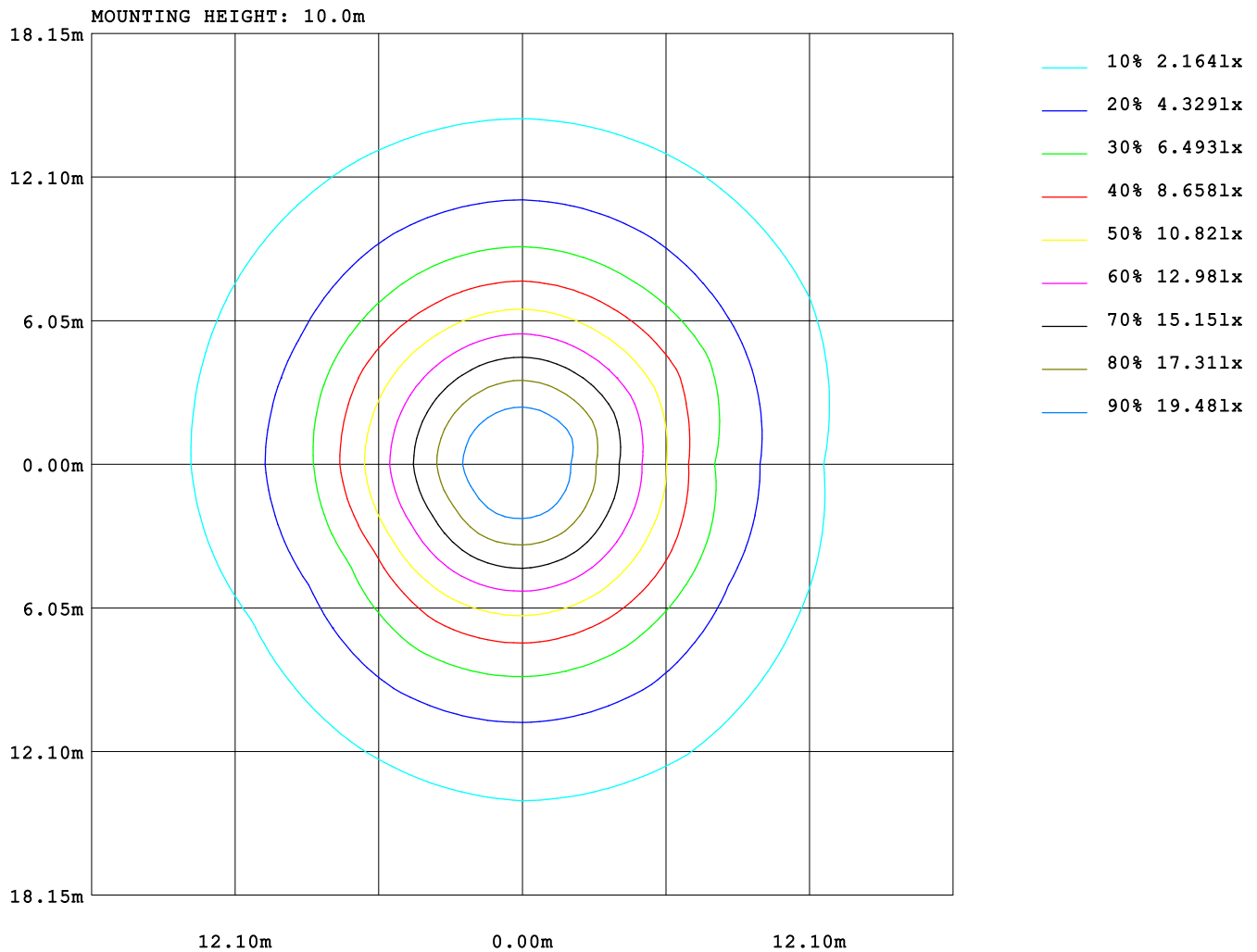
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2166	2166	2166	2166	2166	2166	2166	2166	2166	2166	2166	2166
5.0	2140	2148	2154	2156	2160	2156	2174	2172	2167	2165	2161	2163
10.0	2096	2107	2123	2126	2134	2128	2164	2161	2146	2143	2134	2138
15.0	2033	2049	2075	2082	2091	2081	2137	2129	2112	2106	2095	2095
20.0	1954	1970	2011	2022	2034	2014	2087	2079	2062	2059	2040	2038
25.0	1865	1878	1928	1947	1955	1933	2020	2013	1992	1989	1964	1960
30.0	1767	1776	1831	1857	1861	1840	1946	1931	1906	1904	1870	1868
35.0	1581	1663	1716	1745	1750	1674	1856	1841	1805	1800	1762	1767
40.0	1363	1498	1583	1618	1625	1442	1588	1715	1679	1686	1637	1650
45.0	1234	1244	1440	1472	1487	1308	1449	1440	1544	1544	1495	1416
50.0	985	1097	1277	1302	1262	1152	1324	1302	1386	1389	1341	1233
55.0	819	883	1096	1121	1031	891	1054	1151	1211	1211	1167	1081
60.0	590	676	847	915	854	719	897	880	926	1009	883	819
65.0	389	448	627	693	610	491	645	718	726	781	688	655
70.0	174	272	384	381	412	294	435	481	420	463	374	439
75.0	78.4	99.1	148	162	168	122	255	281	224	171	204	220
80.0	33.3	29.1	42.6	27.5	53.9	38.3	108	111	67.9	73.3	58.8	80.6
85.0	11.2	5.86	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	9.46	4.25	9.55	4.13	13.6	12.4	4.78	9.88	4.14	10.0

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