

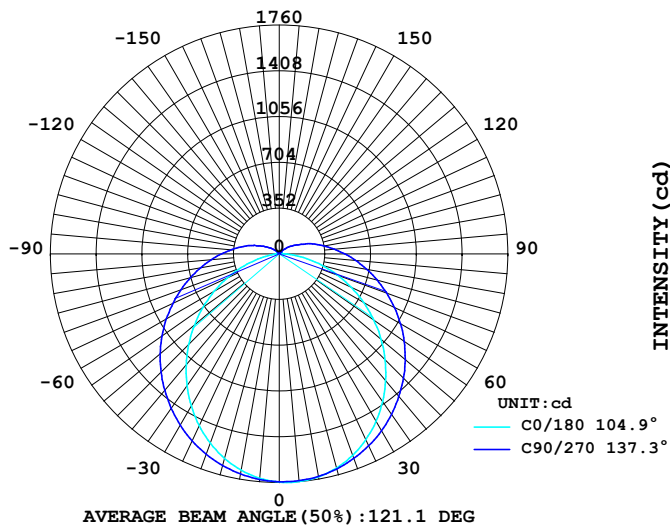
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

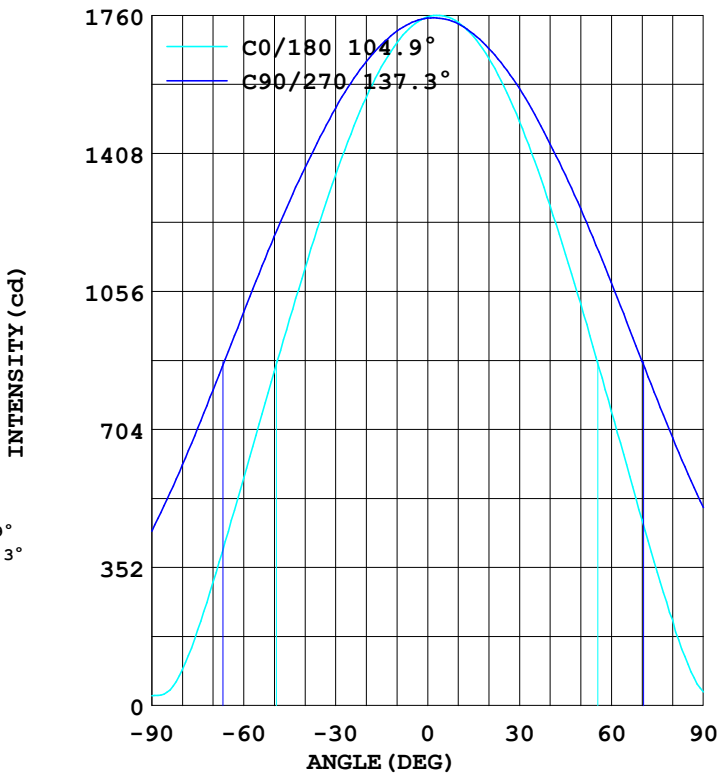
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: IL-TL15-N04040-120	TYPE: 4000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	1760	S/MH (C0/180)	1.16
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.30
NOMINAL POWER(W)	41	TOTAL FLUX(lm)	6186.3	Voltage(V)	230.1
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.6	Current(A)	0.186
NOMINAL FLUX(lm)	6186.4	η up (%)	9.0	Power(W)	41.07
LAMPS QUANTITY	1	η down (%)	91.0	Power Factor (PF)	0.956
TEST VOLTAGE (V)	230.2	Effective Flux(lm)	5978.6	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



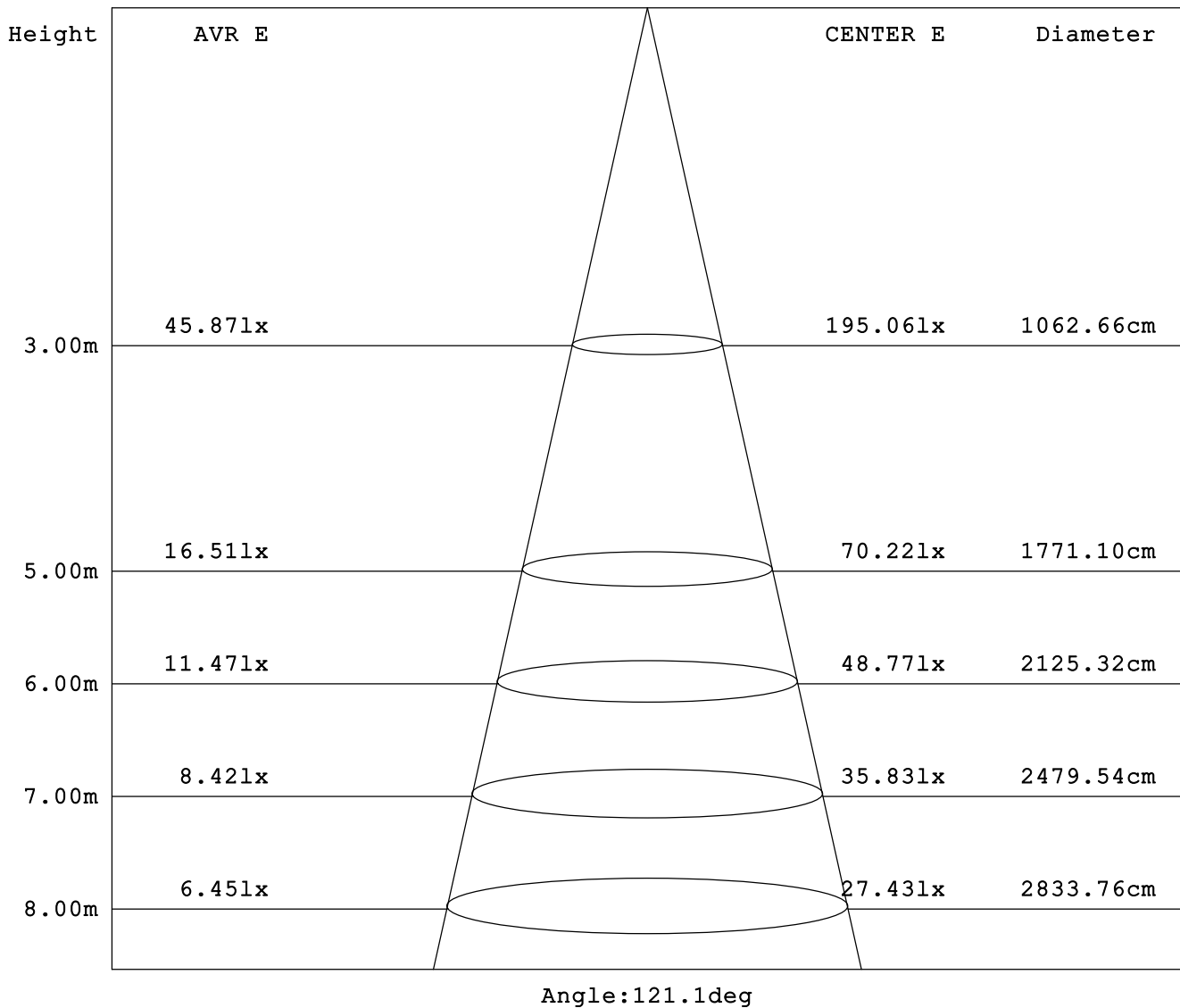
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.12.25

Test Set: 5.0 deg/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: IL-TL15-N04040-120	TYPE: 4000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:
Temperature: 25.3DEG
Operators:
Test Date: 2024.12.25

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Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: IL-TL15-N04040-120	TYPE: 4000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C90	C180	C270					γ	Zone	total
5.0	1732	1742	1759	1751					0- 5	41.83	41.83
10.0	1689	1719	1742	1738					5- 10	124.0	165.9
15.0	1629	1685	1705	1712					10- 15	201.9	367.8
20.0	1550	1641	1651	1675					15- 20	272.9	640.8
25.0	1457	1587	1578	1629					20- 25	334.7	975.5
30.0	1353	1523	1489	1574					25- 30	385.6	1361
35.0	1237	1450	1388	1507					30- 35	424.0	1785
40.0	1113	1370	1274	1431					35- 40	449.1	2234
45.0	985.2	1285	1151	1353					40- 45	461.1	2696
50.0	851.1	1196	1024	1266					45- 50	460.1	3156
55.0	717.6	1101	888.5	1173					50- 55	446.5	3602
60.0	579.7	1004	750.4	1079					55- 60	421.1	4023
65.0	443.5	903.3	613.8	978.4					60- 65	385.7	4409
70.0	314.8	803.7	473.9	877.6					65- 70	341.9	4751
75.0	193.3	707.5	338.7	779.6					70- 75	292.7	5044
80.0	91.19	613.6	217.2	682.6					75- 80	241.5	5285
85.0	33.83	525.1	104.8	589.9					80- 85	192.8	5478
90.0	24.94	444.3	34.30	505.0					85- 90	153.9	5632
95.0	22.86	372.5	19.56	425.3					90- 95	125.9	5758
100.0	21.07	306.5	18.42	354.0					95-100	104.4	5863
105.0	19.46	248.1	17.19	292.2					100-105	85.38	5948
110.0	18.14	185.4	16.15	234.0					105-110	67.79	6016
115.0	16.91	142.4	15.02	174.1					110-115	50.21	6066
120.0	15.78	105.3	14.08	134.5					115-120	37.44	6103
125.0	14.83	74.18	13.32	99.41					120-125	27.19	6131
130.0	14.08	46.87	12.56	68.70					125-130	18.66	6149
135.0	13.32	24.57	11.90	43.18					130-135	11.86	6161
140.0	12.66	12.09	11.43	22.01					135-140	6.819	6168
145.0	12.19	11.62	10.96	17.10					140-145	4.487	6173
150.0	11.62	11.05	10.58	16.06					145-150	3.717	6176
155.0	11.81	10.67	10.48	15.21					150-155	3.080	6179
160.0	12.00	10.58	10.48	14.36					155-160	2.503	6182
165.0	12.19	10.77	10.86	13.79					160-165	1.960	6184
170.0	12.28	10.96	11.24	13.51					165-170	1.419	6185
175.0	12.28	11.15	11.62	13.41					170-175	0.863	6186
180.0	12.19	11.52	12.09	13.04					175-180	0.291	6186
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

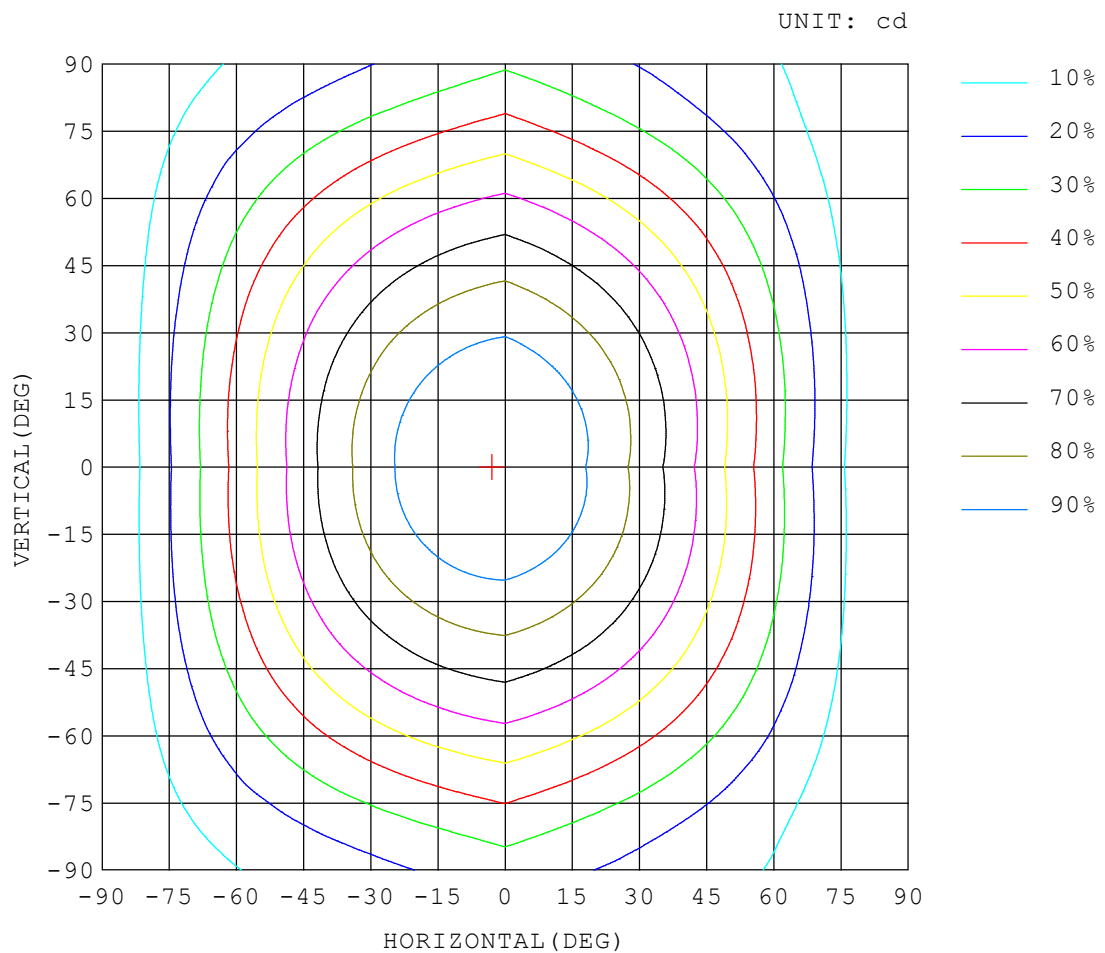
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Operators:
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Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: IL-TL15-N04040-120	TYPE: 4000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



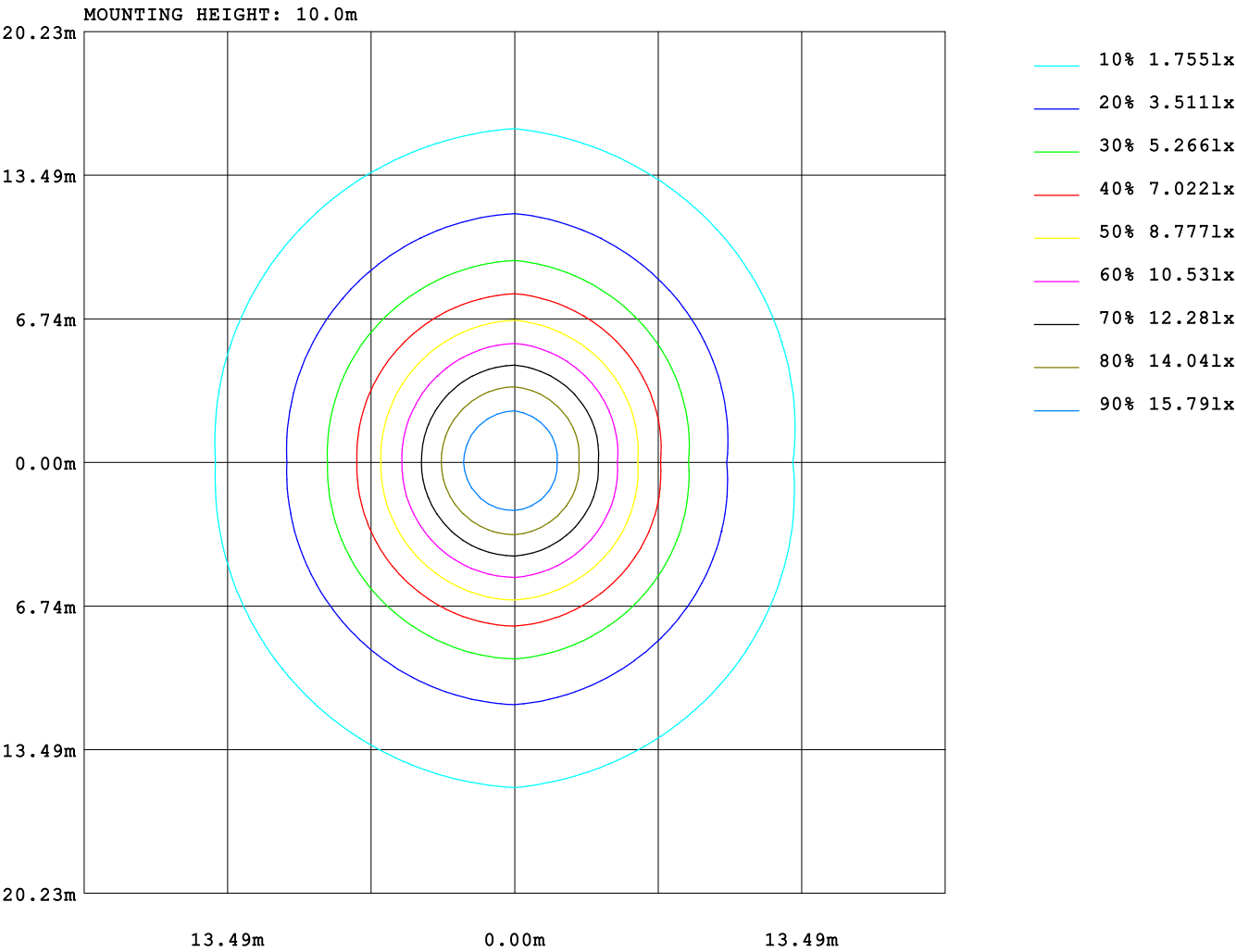
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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MANUFACTURER: ILUMEN GMBH	Address:	
NAME: IL-TL15-N04040-120	TYPE: 4000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	90	180	270
0.0	1756	1753	1756	1753
5.0	1732	1742	1759	1751
10.0	1689	1719	1742	1738
15.0	1629	1685	1705	1712
20.0	1550	1641	1651	1675
25.0	1457	1587	1578	1629
30.0	1353	1523	1489	1574
35.0	1237	1450	1388	1507
40.0	1113	1370	1274	1431
45.0	985	1285	1151	1353
50.0	851	1196	1024	1266
55.0	718	1101	889	1173
60.0	580	1004	750	1079
65.0	444	903	614	978
70.0	315	804	474	878
75.0	193	708	339	780
80.0	91.1	614	217	683
85.0	33.8	525	105	590
90.0	24.9	444	34.3	505
95.0	22.8	373	19.5	425
100.0	21.0	307	18.4	354
105.0	19.4	248	17.1	292
110.0	18.1	185	16.1	234
115.0	16.9	142	15.0	174
120.0	15.7	105	14.0	135
125.0	14.8	74.1	13.3	99.4
130.0	14.0	46.8	12.5	68.7
135.0	13.3	24.5	11.9	43.1
140.0	12.6	12.0	11.4	22.0
145.0	12.1	11.6	10.9	17.1
150.0	11.6	11.0	10.5	16.0
155.0	11.8	10.6	10.4	15.2
160.0	12.0	10.5	10.4	14.3
165.0	12.1	10.7	10.8	13.7
170.0	12.2	10.9	11.2	13.5
175.0	12.2	11.1	11.6	13.4
180.0	12.1	11.5	12.0	13.0

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