

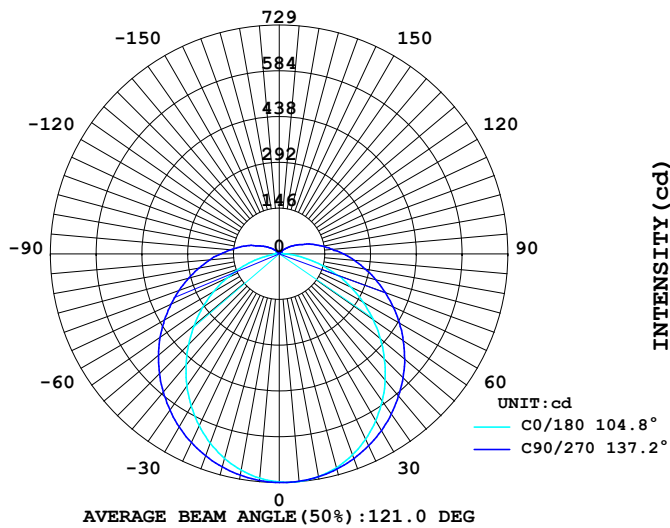
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

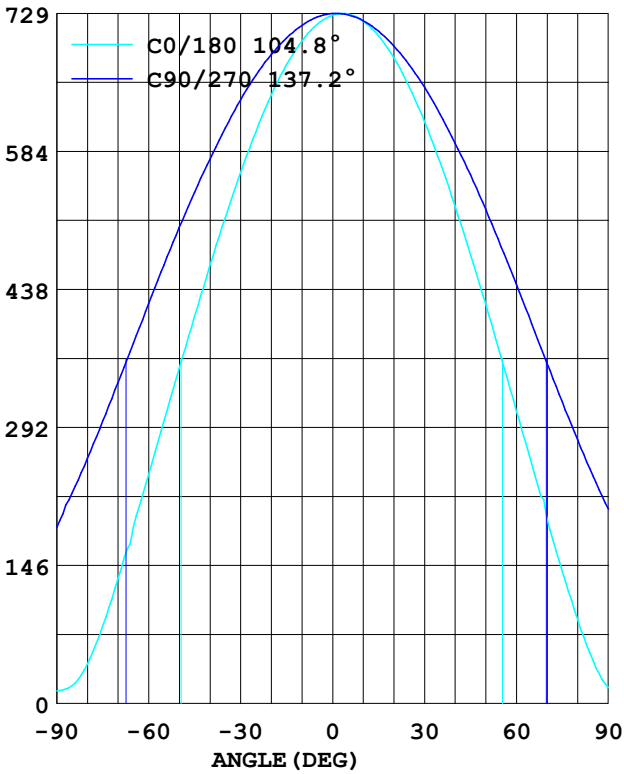
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: IL-TL15-N02040-120	TYPE: 4000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	729.4	S/MH (C0/180)	1.16
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.30
NOMINAL POWER(W)	16	TOTAL FLUX(lm)	2574.0	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	155.9	Current (A)	0.076
NOMINAL FLUX(lm)	2574.0	η up (%)	9.1	Power (W)	16.51
LAMPS QUANTITY	1	η down (%)	90.9	Power Factor (PF)	0.947
TEST VOLTAGE (V)	230.3	Effective Flux(lm)	2478.5	EEI	0.091

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



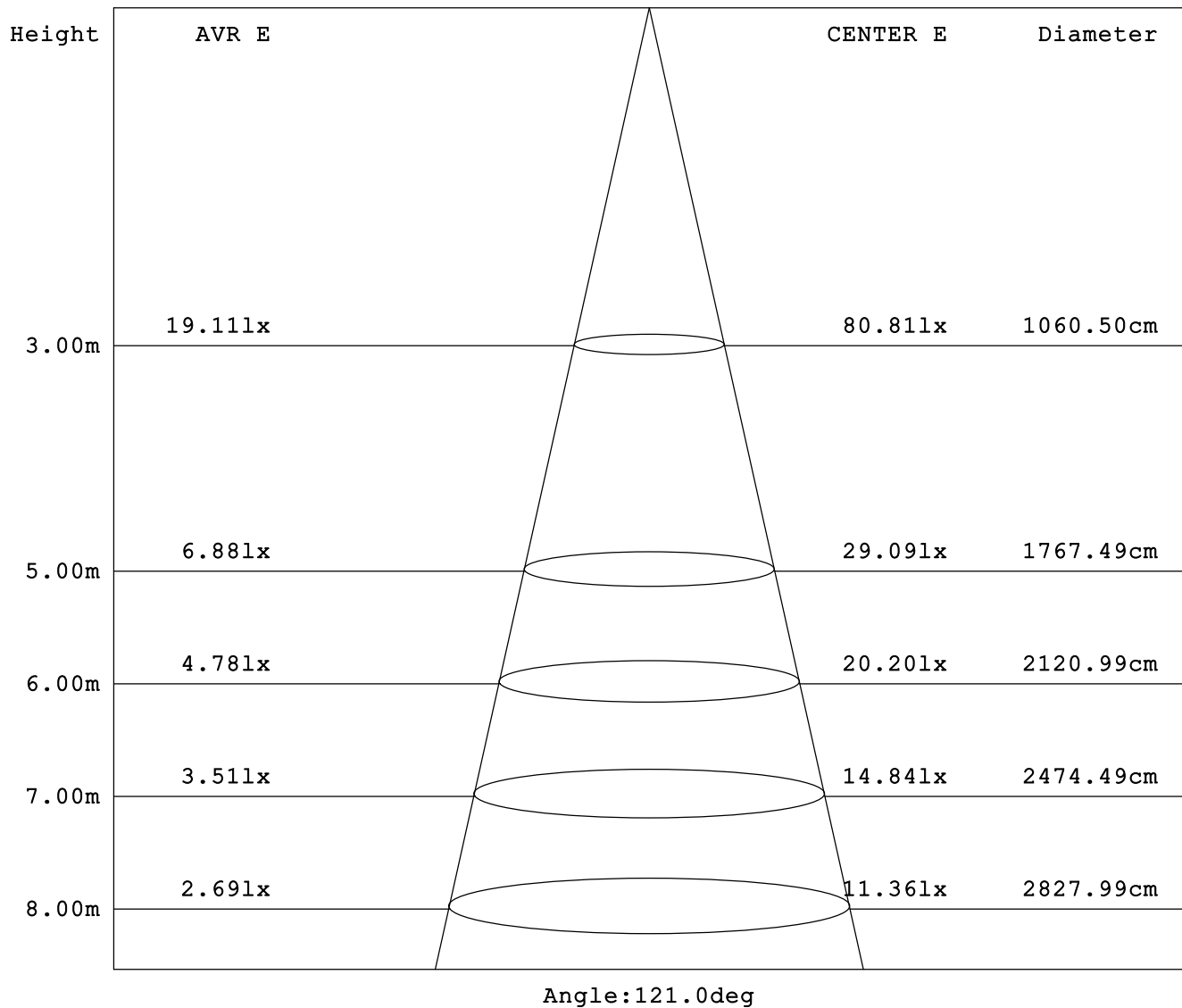
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.12.25

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-N02040-120	TYPE: 4000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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Temperature: 25.3DEG
Operators:
Test Date: 2024.12.25

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Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C90	C180	C270					γ	Zone	total
5.0	717.7	725.5	729.0	727.7					0- 5	17.37	17.37
10.0	699.9	716.5	721.0	721.6					5- 10	51.50	68.88
15.0	675.0	703.2	705.6	710.5					10- 15	83.84	152.7
20.0	642.7	685.7	682.7	695.0					15- 20	113.3	266.0
25.0	604.1	663.7	652.2	675.0					20- 25	139.0	405.0
30.0	561.2	637.7	615.0	651.5					25- 30	160.1	565.1
35.0	513.0	608.1	573.0	623.5					30- 35	176.0	741.2
40.0	463.1	575.0	525.7	591.8					35- 40	186.5	927.8
45.0	409.3	540.0	474.5	558.9					40- 45	191.5	1119
50.0	354.0	503.2	421.8	522.2					45- 50	191.1	1310
55.0	299.2	463.5	366.3	483.0					50- 55	185.4	1496
60.0	242.5	422.8	309.5	443.2					55- 60	174.9	1671
65.0	186.6	380.8	253.6	401.3					60- 65	160.3	1831
70.0	132.1	339.0	194.8	359.4					65- 70	142.2	1974
75.0	82.09	298.5	139.5	318.7					70- 75	121.5	2095
80.0	41.40	259.1	88.80	278.6					75- 80	100.5	2196
85.0	18.79	222.0	45.50	240.3					80- 85	80.73	2276
90.0	13.29	186.3	16.70	205.5					85- 90	64.61	2341
95.0	12.00	155.8	9.300	171.5					90- 95	52.42	2393
100.0	11.00	128.0	8.600	142.1					95-100	43.29	2437
105.0	10.20	103.4	8.100	116.9					100-105	35.31	2472
110.0	9.400	76.80	7.600	93.59					105-110	27.88	2500
115.0	8.800	59.50	7.100	70.10					110-115	20.81	2521
120.0	8.200	44.89	6.700	54.40					115-120	15.77	2536
125.0	7.700	32.50	6.400	40.20					120-125	11.60	2548
130.0	7.300	21.50	6.200	27.90					125-130	8.127	2556
135.0	6.900	12.30	5.900	17.79					130-135	5.339	2562
140.0	6.600	6.100	5.700	9.700					135-140	3.232	2565
145.0	6.300	5.900	5.500	8.600					140-145	2.256	2567
150.0	6.000	5.700	5.400	8.000					145-150	1.896	2569
155.0	6.000	5.500	5.400	7.500					150-155	1.564	2571
160.0	6.100	5.300	5.400	7.200					155-160	1.261	2572
165.0	6.100	5.200	5.600	6.900					160-165	0.981	2573
170.0	6.100	5.100	5.800	6.700					165-170	0.704	2573
175.0	6.100	5.200	5.900	6.700					170-175	0.426	2574
180.0	6.000	5.200	6.200	6.400					175-180	0.142	2574
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

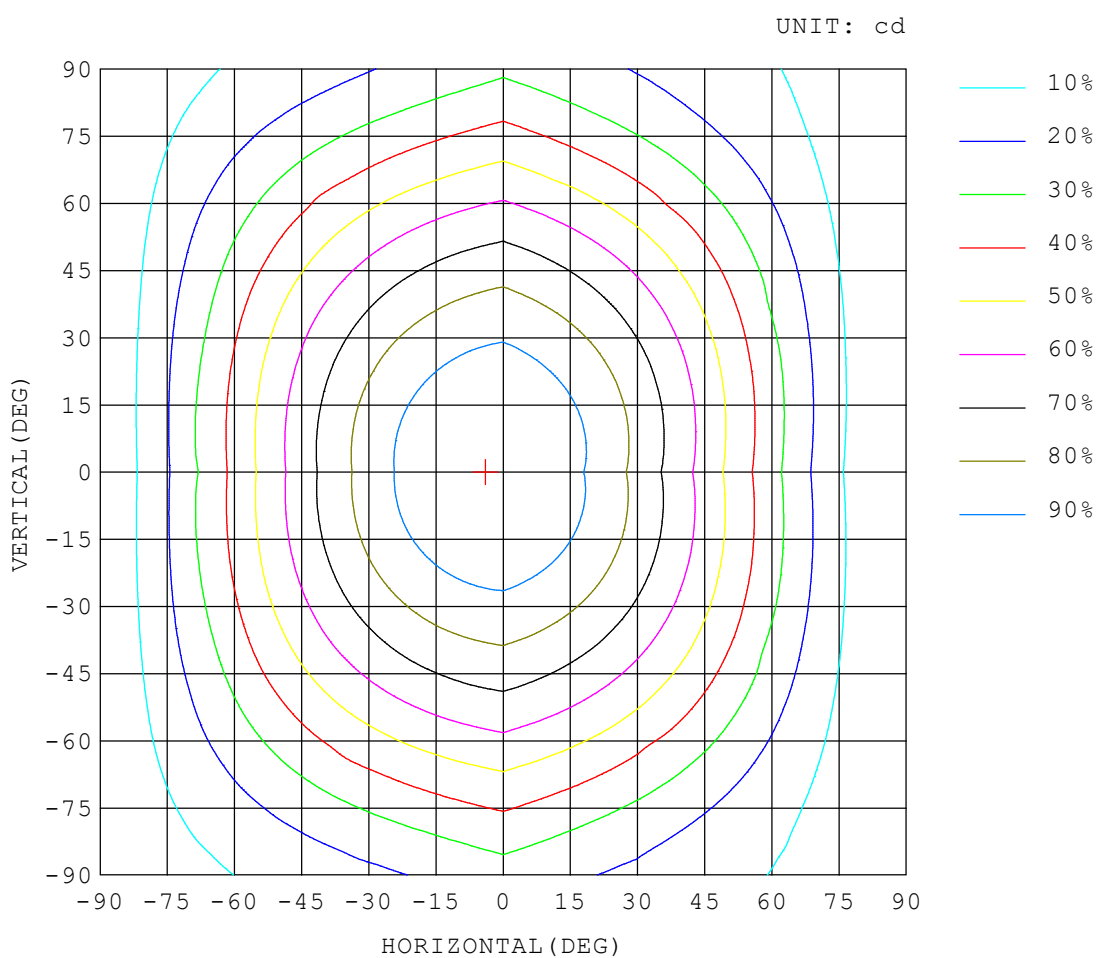
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Operators:
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ISOCANDELA DIAGRAM

Report number:

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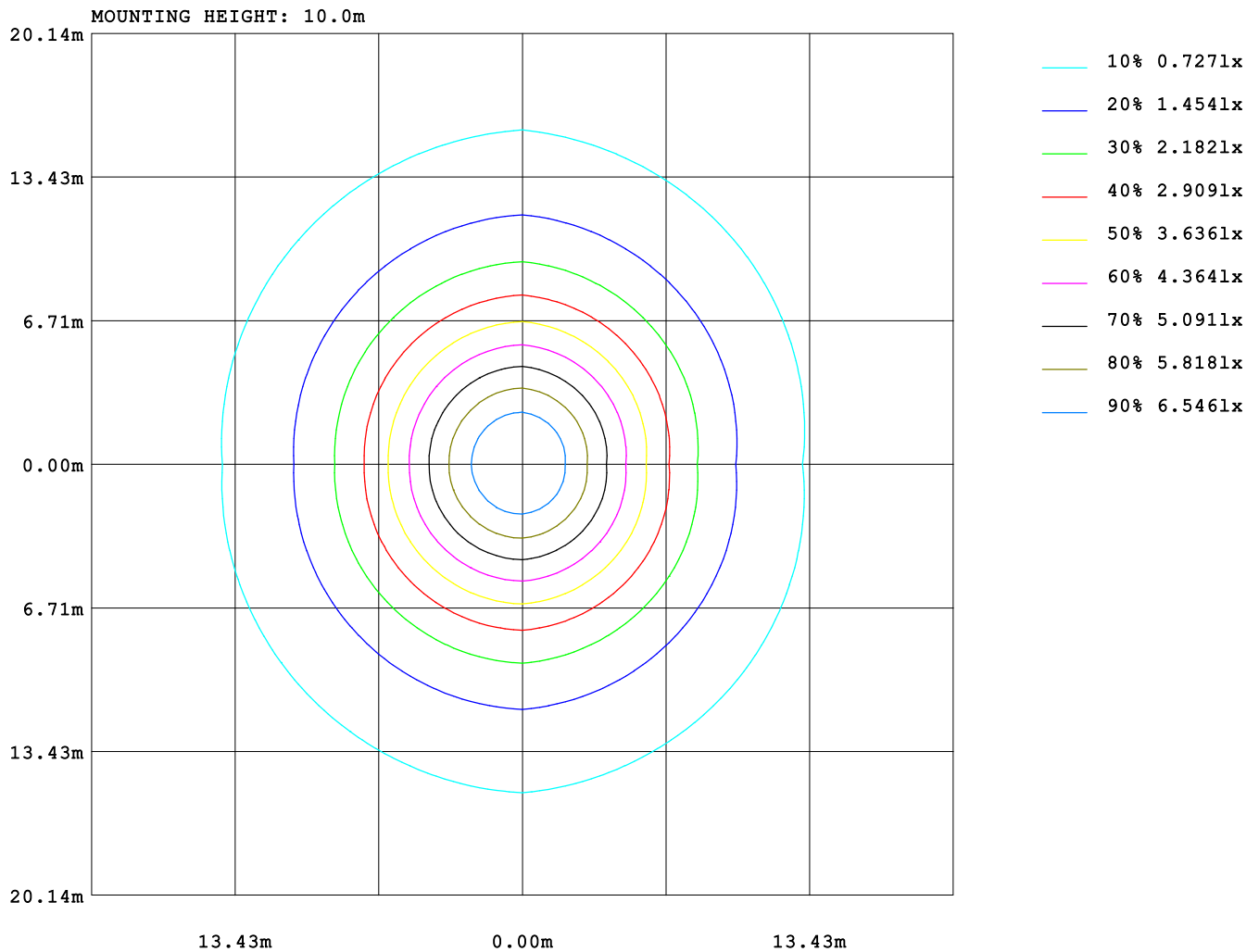
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ISOLUX DIAGRAM

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SPECIFICATION:	DIMENSION:	SERIAL No.:



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LUMINOUS DISTRIBUTION INTENSITY DATA

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NAME: IL-TL15-N02040-120	TYPE: 4000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	90	180	270
0.0	727	729	727	729
5.0	718	726	729	728
10.0	700	717	721	722
15.0	675	703	706	711
20.0	643	686	683	695
25.0	604	664	652	675
30.0	561	638	615	652
35.0	513	608	573	624
40.0	463	575	526	592
45.0	409	540	475	559
50.0	354	503	422	522
55.0	299	464	366	483
60.0	243	423	310	443
65.0	187	381	254	401
70.0	132	339	195	359
75.0	82.0	299	140	319
80.0	41.4	259	88.8	279
85.0	18.7	222	45.5	240
90.0	13.2	186	16.7	206
95.0	12.0	156	9.30	172
100.0	11.0	128	8.60	142
105.0	10.2	103	8.10	117
110.0	9.40	76.8	7.60	93.5
115.0	8.80	59.5	7.10	70.1
120.0	8.20	44.8	6.70	54.4
125.0	7.70	32.5	6.40	40.2
130.0	7.30	21.5	6.20	27.9
135.0	6.90	12.3	5.90	17.7
140.0	6.60	6.10	5.70	9.70
145.0	6.30	5.90	5.50	8.60
150.0	6.00	5.70	5.40	8.00
155.0	6.00	5.50	5.40	7.50
160.0	6.10	5.30	5.40	7.20
165.0	6.10	5.20	5.60	6.90
170.0	6.10	5.10	5.80	6.70
175.0	6.10	5.20	5.90	6.70
180.0	6.00	5.20	6.20	6.40

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