

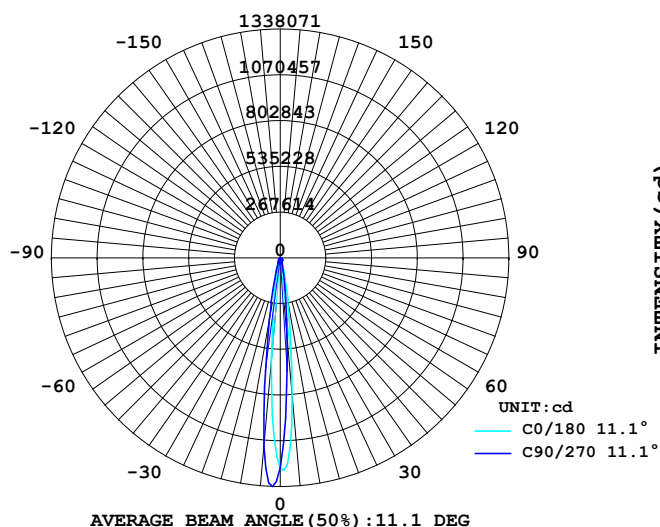
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

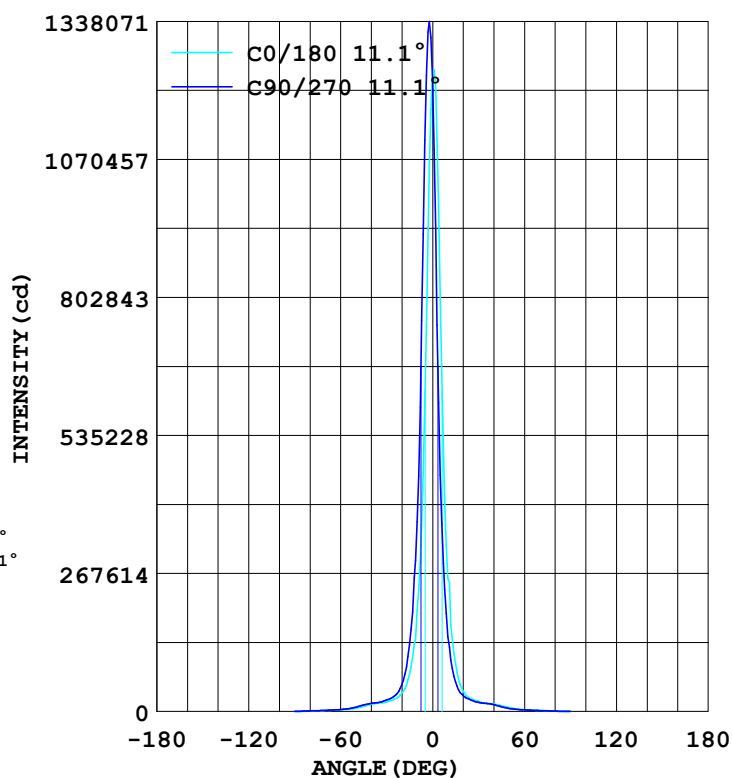
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L100040-12	WEIGHT:
SPECIFICATION: 3535LED 4000K 12°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1355484	S/MH (C0/180)	0.17
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.26
NOMINAL POWER(W)	1000	TOTAL FLUX(lm)	120898	Voltage(V)	229.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	120.5	Current(A)	4.396
NOMINAL FLUX(lm)	120898.0	η up (%)	0.0	Power(W)	1003
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	229.4	Effective Flux(lm)	120898.0	EEL	0.124

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



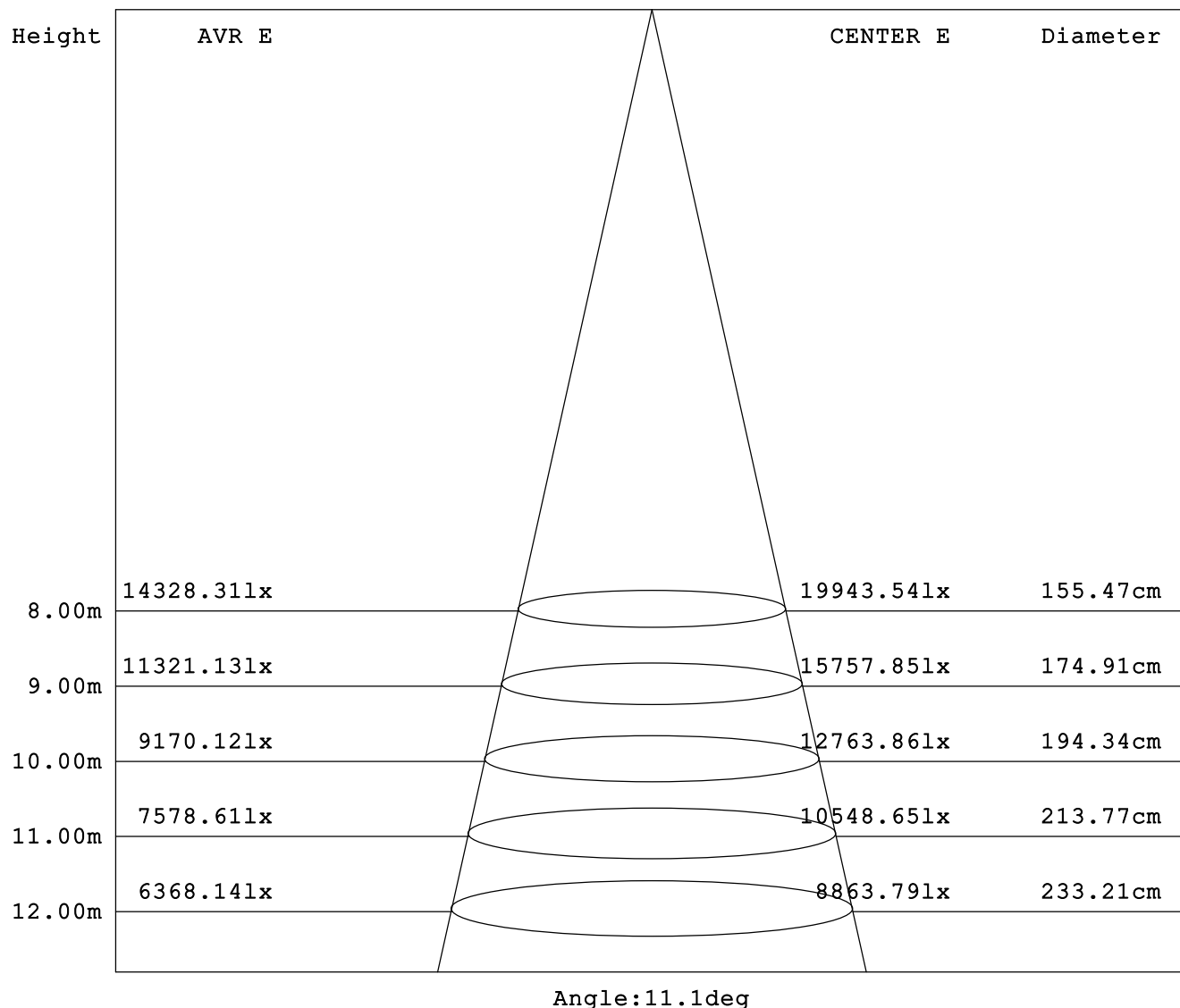
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2022.06.30

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

Report number:

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SPECIFICATION: 3535LED 4000K 12°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	601.5	873.2	1107	1058	806.7	556.5	458.3	487.5	0- 5	23084	23084
10.0	196.2	279.3	367.9	358.7	256.9	181.9	144.2	158.3	5- 10	30423	53507
15.0	71.83	100.4	128.6	126.1	92.63	66.16	57.53	64.17	10- 15	17518	71026
20.0	35.21	43.61	52.13	51.60	39.19	32.04	30.48	33.66	15- 20	9621	80647
25.0	24.11	26.77	29.56	29.94	25.08	22.66	22.34	24.38	20- 25	6540	87186
30.0	18.46	20.71	22.02	22.86	19.30	17.52	17.49	18.77	25- 30	5659	92845
35.0	16.24	16.77	17.63	18.10	15.93	15.39	15.72	17.03	30- 35	5262	98107
40.0	14.09	14.99	15.78	16.38	14.42	13.51	13.34	14.42	35- 40	5247	103354
45.0	10.03	11.45	12.67	13.07	11.13	9.708	9.221	9.940	40- 45	4769	108123
50.0	6.522	7.503	8.534	8.763	7.434	6.312	5.993	6.438	45- 50	3617	111740
55.0	4.422	4.909	5.558	5.697	4.910	4.284	4.190	4.436	50- 55	2557	114297
60.0	3.258	3.494	3.878	3.994	3.498	3.200	3.190	3.378	55- 60	1879	116176
65.0	2.541	2.741	2.996	3.127	2.757	2.469	2.438	2.545	60- 65	1501	117677
70.0	1.904	2.004	2.254	2.304	2.069	1.809	1.847	1.840	65- 70	1184	118861
75.0	1.369	1.443	1.723	1.683	1.514	1.269	1.299	1.301	70- 75	895.7	119757
80.0	0.850	0.942	1.175	1.123	0.988	0.762	0.742	0.754	75- 80	623.7	120381
85.0	0.401	0.467	0.632	0.586	0.476	0.331	0.315	0.311	80- 85	362.5	120743
90.0	0.134	0.188	0.258	0.245	0.177	0.116	0.121	0.124	85- 90	154.7	120898
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:×1000cd									UNIT:lm	

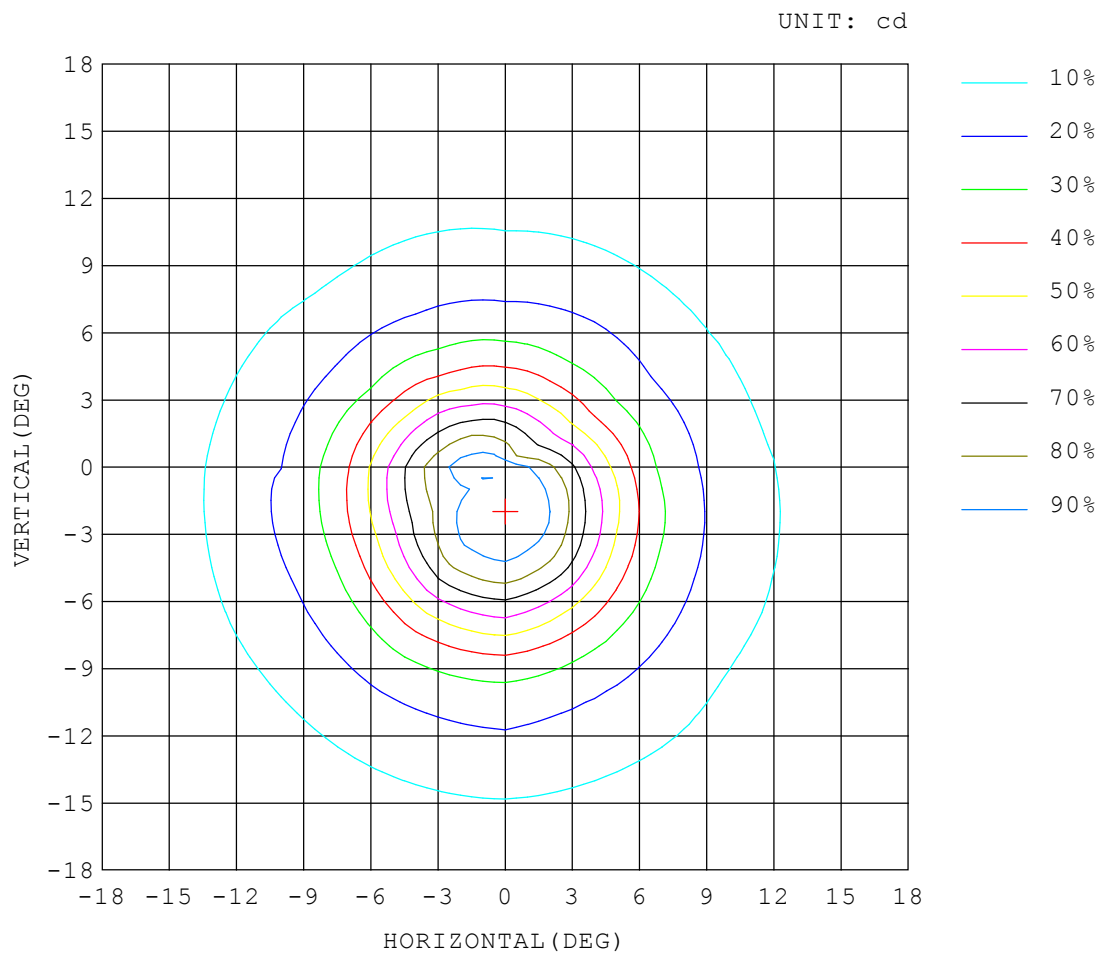
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Operators:
Test Date:2022.06.30

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ISOCANDELA DIAGRAM

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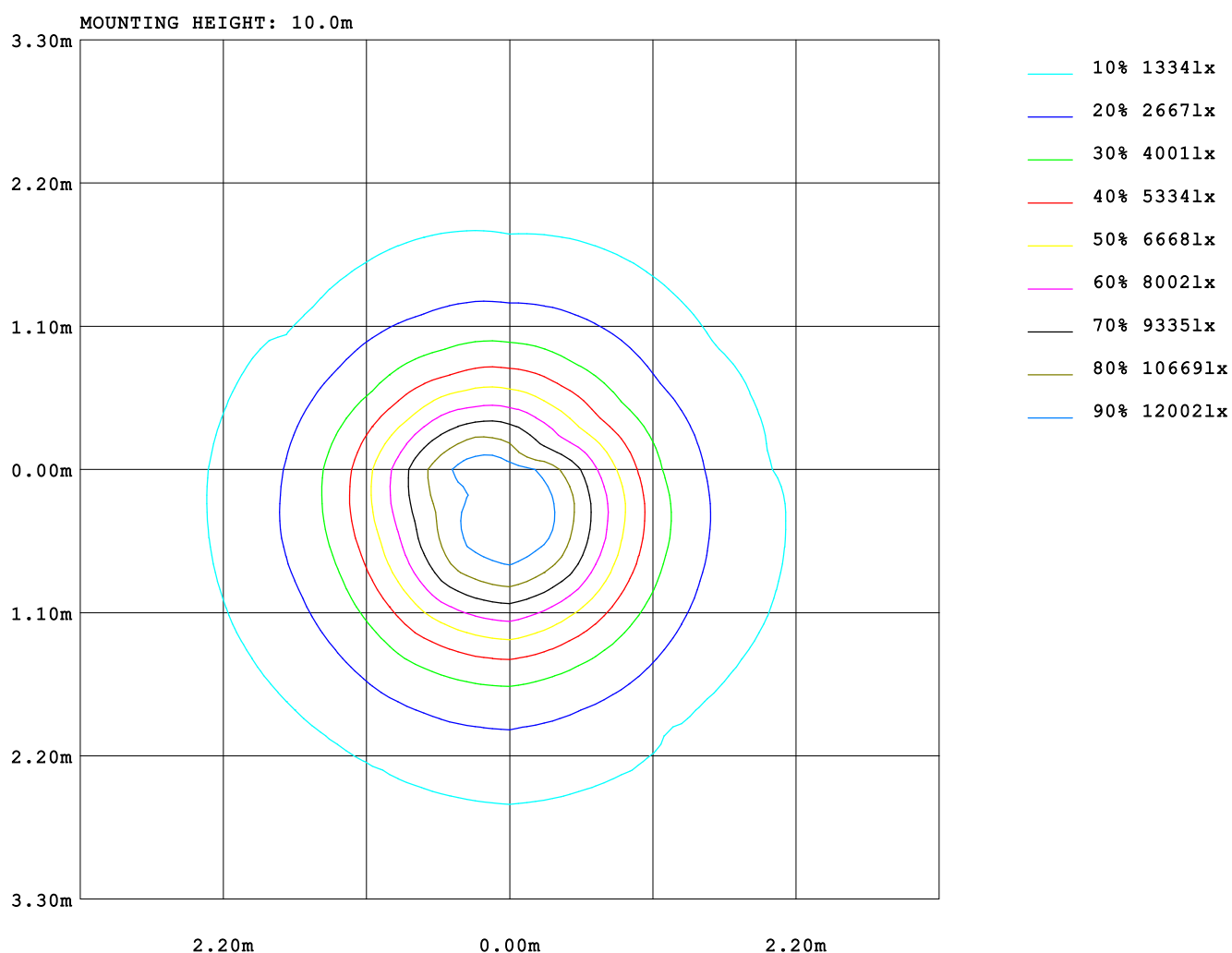
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:3535LED 4000K 12°	DIMENSION:	SERIAL No.:

UNIT: ×1000cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1228	1228	1228	1228	1228	1228	1228	1228	1228	1228	1228	1228
5.0	602	767	982	1107	1128	985	807	615	497	458	464	512
10.0	196	245	314	368	381	335	257	197	167	144	161	156
15.0	71.8	89.3	112	129	132	120	92.6	71.4	60.8	57.5	60.7	67.7
20.0	35.2	40.3	46.9	52.1	53.3	49.7	39.1	33.2	30.8	30.4	32.2	35.0
25.0	24.1	25.7	27.8	29.5	30.3	29.5	25.0	22.9	22.3	22.3	23.6	25.1
30.0	18.4	20.4	20.9	22.0	22.5	23.1	19.3	17.6	17.3	17.4	18.5	19.0
35.0	16.2	16.5	17.0	17.6	18.1	18.1	15.9	15.3	15.4	15.7	16.6	17.4
40.0	14.0	14.7	15.2	15.7	16.3	16.4	14.4	13.6	13.3	13.3	13.9	14.8
45.0	10.0	10.9	11.9	12.6	13.1	13.0	11.1	9.97	9.43	9.22	9.61	10.2
50.0	6.52	7.13	7.87	8.53	8.82	8.69	7.43	6.44	6.17	5.99	6.29	6.58
55.0	4.42	4.71	5.11	5.55	5.71	5.67	4.91	4.38	4.18	4.19	4.32	4.55
60.0	3.25	3.37	3.61	3.87	3.97	4.00	3.49	3.22	3.17	3.19	3.31	3.44
65.0	2.54	2.66	2.82	2.99	3.10	3.14	2.75	2.50	2.43	2.43	2.49	2.60
70.0	1.90	1.95	2.05	2.25	2.27	2.32	2.06	1.82	1.78	1.84	1.86	1.81
75.0	1.36	1.39	1.49	1.72	1.67	1.68	1.51	1.30	1.22	1.29	1.28	1.32
80.0	0.85	0.90	0.983	1.17	1.11	1.13	0.988	0.79	0.73	0.74	0.74	0.77
85.0	0.40	0.42	0.51	0.63	0.60	0.57	0.48	0.37	0.30	0.31	0.28	0.34
90.0	0.13	0.15	0.23	0.26	0.25	0.24	0.18	0.12	0.11	0.12	0.12	0.13

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