

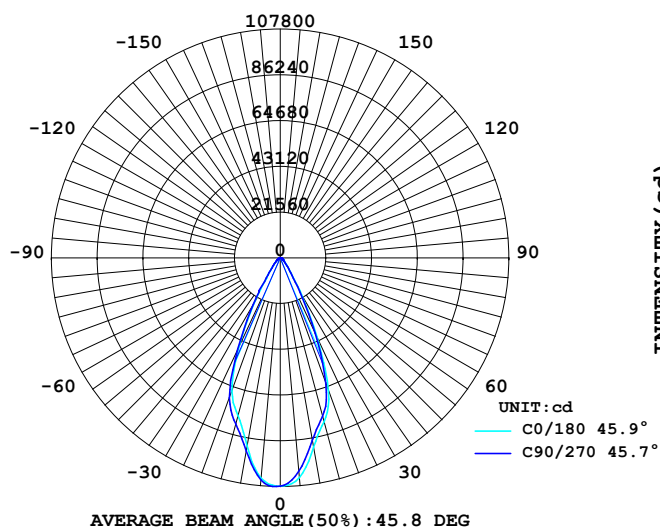
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

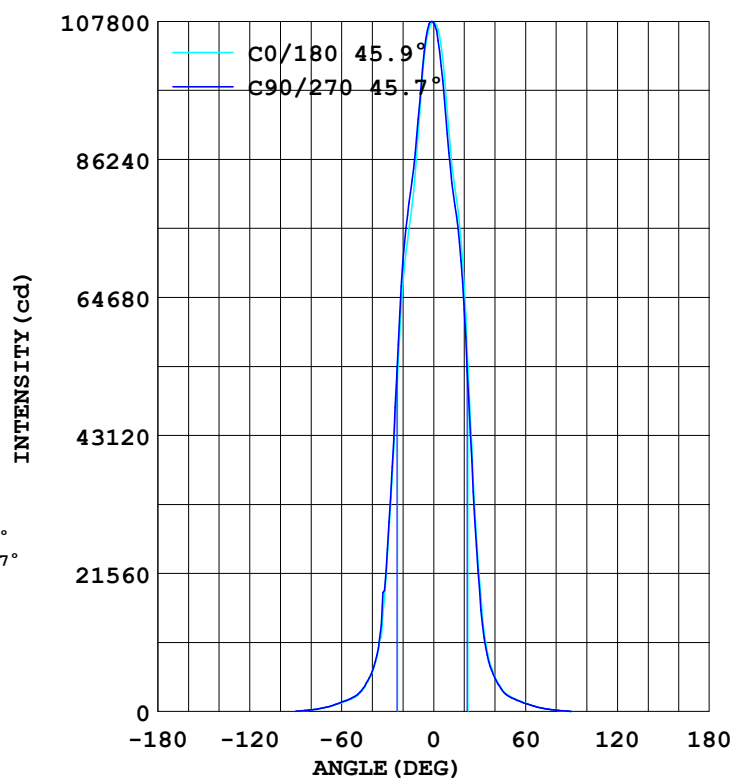
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L45040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	108132	S/MH (C0/180)	0.71
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.72
NOMINAL POWER(W)	450	TOTAL FLUX(lm)	64327	Voltage(V)	231.5
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	142.6	Current(A)	1.956
NOMINAL FLUX(lm)	64326.8	η up (%)	0.0	Power(W)	451.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	231.5	Effective Flux(lm)	64326.8	EEI	0.105

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



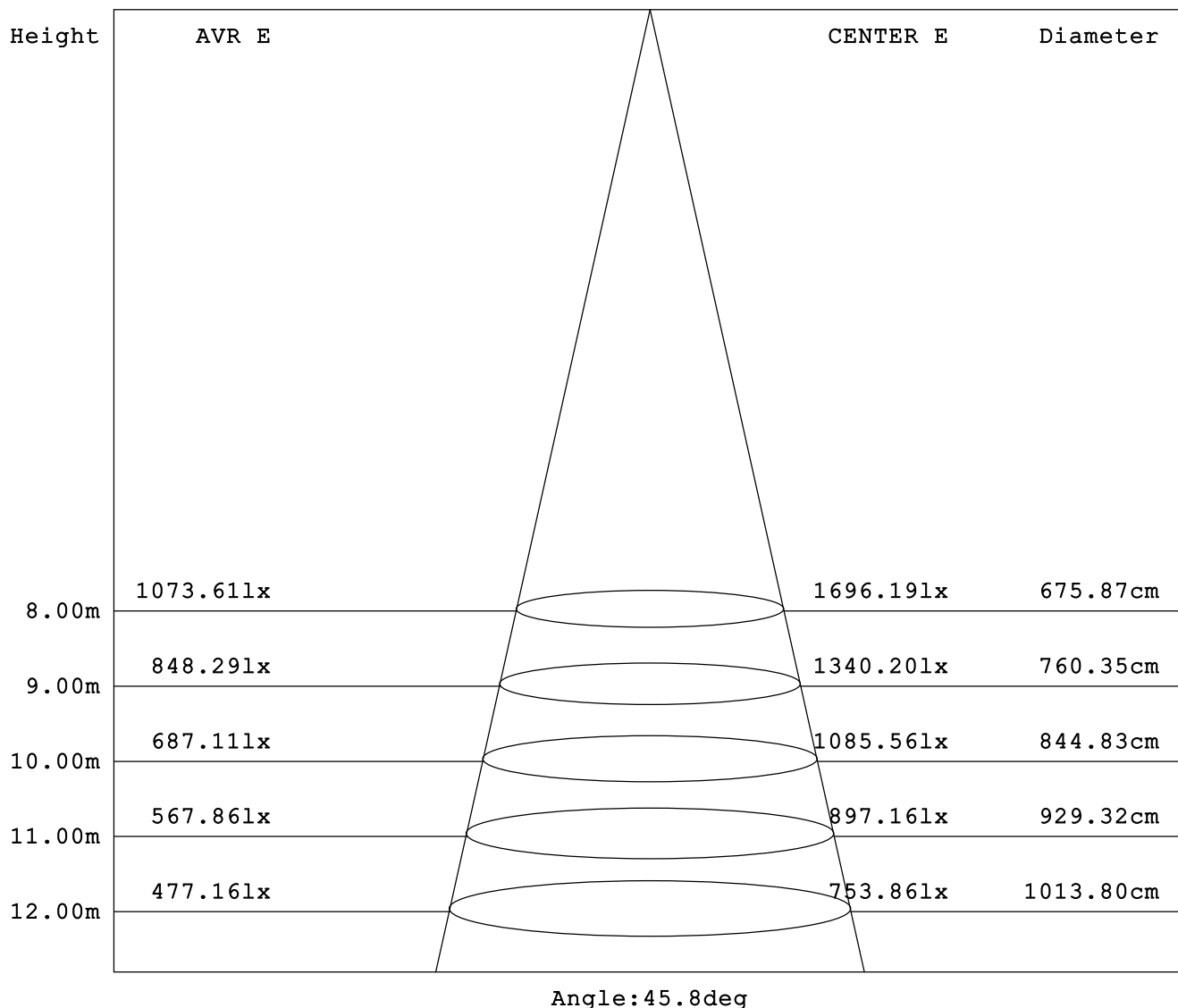
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2022.06.30

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:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L45040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1043	1064	1051	1026	1039	996.5	1008	1043	0- 5	2524	2524
10.0	902.5	951.4	925.1	892.2	905.4	869.5	872.6	902.1	5- 10	6900	9424
15.0	770.0	819.2	810.0	804.8	799.8	782.6	773.8	797.0	10- 15	10001	19424
20.0	667.7	722.8	701.7	636.3	663.3	589.8	627.2	675.1	15- 20	12094	31519
25.0	458.3	527.5	474.7	391.6	412.5	349.9	391.2	464.2	20- 25	11409	42928
30.0	244.7	300.8	253.8	198.2	203.2	175.5	189.2	251.9	25- 30	8135	51063
35.0	111.7	139.5	116.0	91.03	93.70	79.34	87.69	109.8	30- 35	4620	55683
40.0	61.56	70.36	63.04	53.06	54.97	48.94	53.06	63.03	35- 40	2585	58268
45.0	38.22	43.64	39.43	32.65	34.01	29.98	32.55	39.55	40- 45	1718	59986
50.0	24.52	27.09	25.71	23.07	23.59	22.06	22.50	24.83	45- 50	1187	61174
55.0	18.34	20.35	19.40	18.10	17.77	16.85	17.27	19.24	50- 55	917.7	62091
60.0	13.78	15.53	14.55	12.47	13.07	11.78	12.69	14.26	55- 60	739.5	62831
65.0	9.948	10.90	10.18	8.749	8.839	7.897	8.820	9.885	60- 65	553.1	63384
70.0	6.569	7.255	6.657	5.738	5.827	5.195	5.747	6.644	65- 70	390.4	63774
75.0	4.123	4.649	4.178	3.583	3.500	3.144	3.535	4.162	70- 75	259.6	64034
80.0	2.485	2.816	2.519	2.101	2.065	1.827	2.068	2.475	75- 80	161.6	64196
85.0	1.170	1.477	1.311	0.959	0.974	0.742	1.019	1.254	80- 85	92.18	64288
90.0	0.481	0.554	0.459	0.303	0.314	0.257	0.326	0.413	85- 90	38.86	64327
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:×100cd									UNIT:lm	

Test System:
Temperature:25.3DEG
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Test Date:2022.06.30

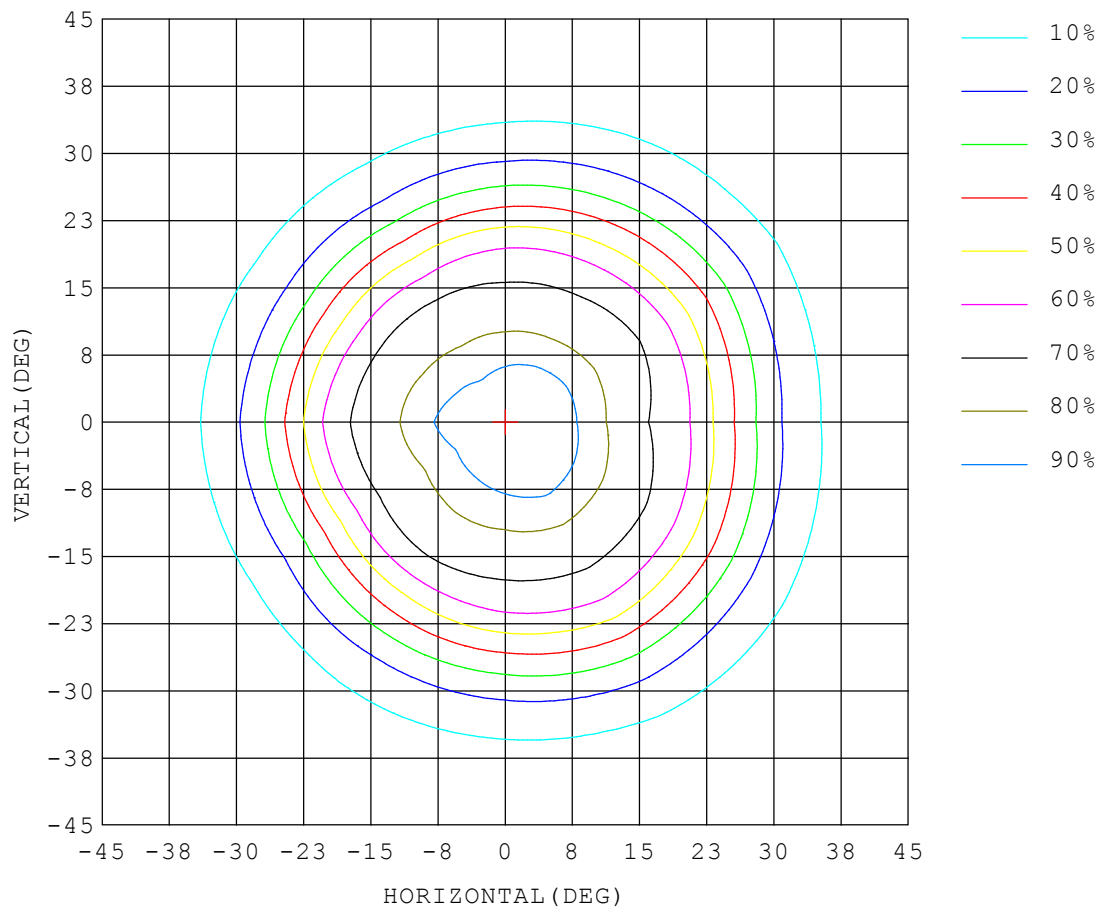
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Remarks:

ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

UNIT: cd



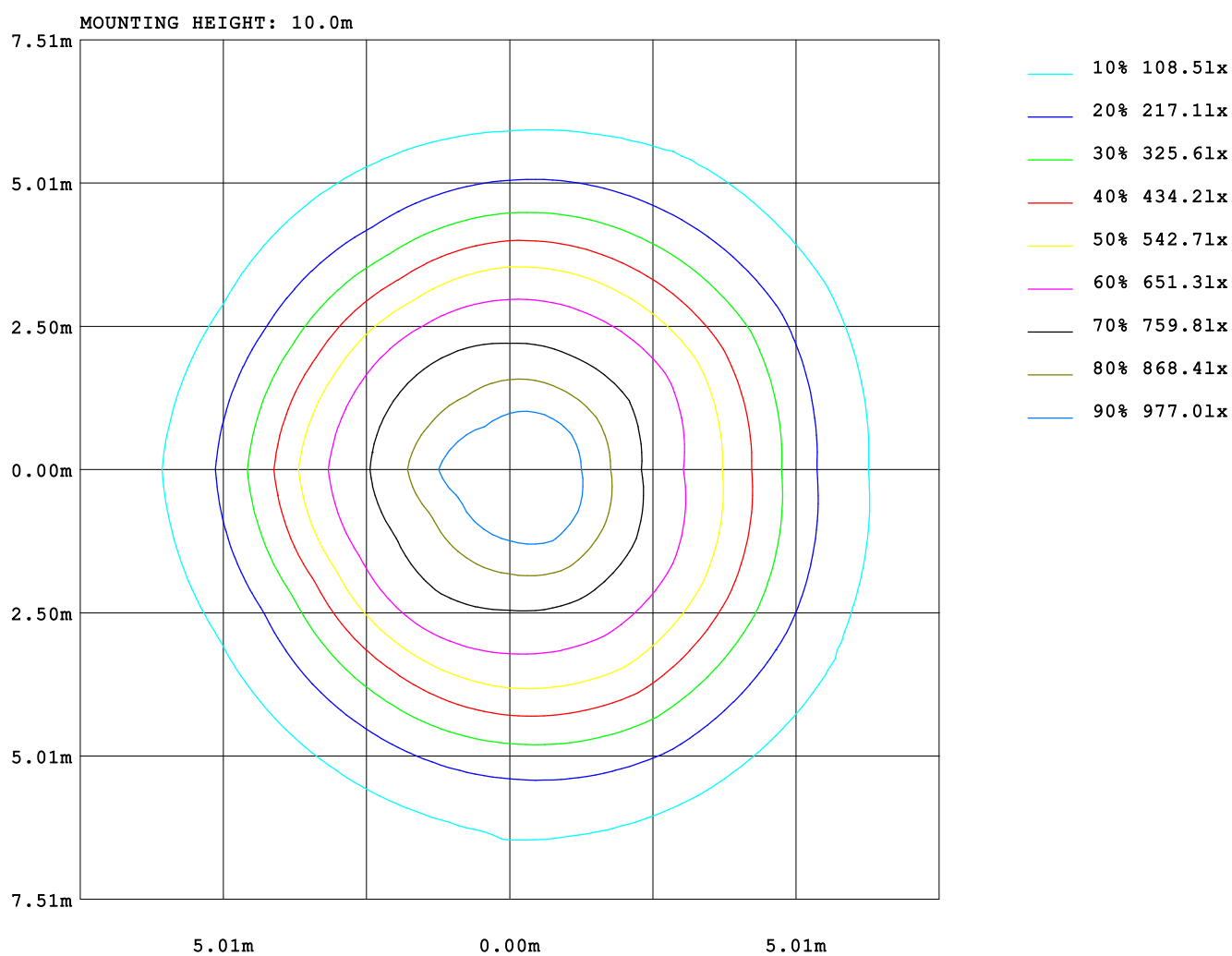
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ISOLUX DIAGRAM

Report number:

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

UNIT: ×100cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076	1076
5.0	1043	1060	1068	1051	1035	1018	1039	1006	987	1008	1032	1053
10.0	903	940	963	925	902	882	905	874	865	873	889	915
15.0	770	813	826	810	817	793	800	787	778	774	785	809
20.0	668	712	733	702	656	617	663	598	581	627	656	694
25.0	458	515	540	475	416	367	413	357	343	391	438	490
30.0	245	295	307	254	211	186	203	167	184	189	230	274
35.0	112	138	141	116	97.9	84.0	93.7	80.8	77.8	87.6	104	116
40.0	61.5	69.3	71.3	63.0	55.6	50.4	54.9	49.8	48.0	53.0	59.7	66.3
45.0	38.2	42.9	44.3	39.4	34.2	31.0	34.0	30.4	29.4	32.5	37.6	41.4
50.0	24.5	26.5	27.5	25.7	23.5	22.6	23.5	22.3	21.7	22.5	24.0	25.6
55.0	18.3	20.0	20.6	19.4	18.9	17.2	17.7	17.1	16.6	17.2	18.8	19.6
60.0	13.7	15.3	15.6	14.5	12.6	12.2	13.0	11.9	11.6	12.6	13.8	14.6
65.0	9.94	10.6	11.1	10.1	9.21	8.28	8.83	8.00	7.79	8.82	9.45	10.3
70.0	6.56	7.05	7.45	6.65	6.07	5.40	5.82	5.25	5.13	5.74	6.36	6.92
75.0	4.12	4.53	4.76	4.17	3.82	3.33	3.50	3.24	3.03	3.53	3.91	4.40
80.0	2.48	2.73	2.90	2.51	2.25	1.94	2.06	1.84	1.80	2.06	2.33	2.61
85.0	1.17	1.35	1.60	1.31	1.09	0.82	0.97	0.82	0.67	1.01	1.11	1.39
90.0	0.48	0.48	0.63	0.46	0.35	0.26	0.31	0.28	0.23	0.33	0.32	0.51

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