

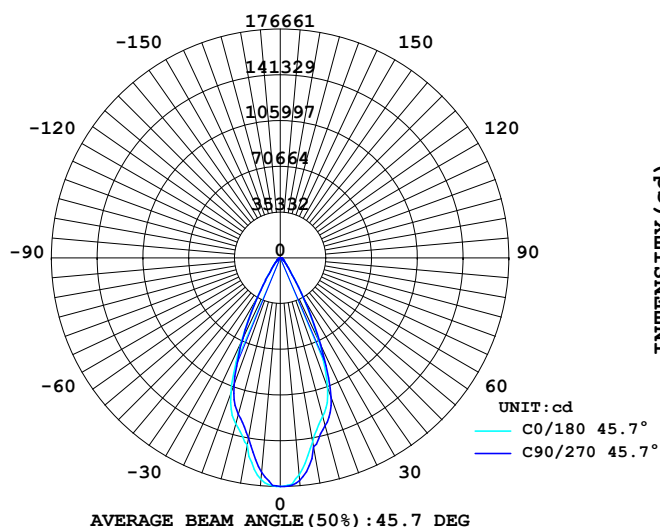
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

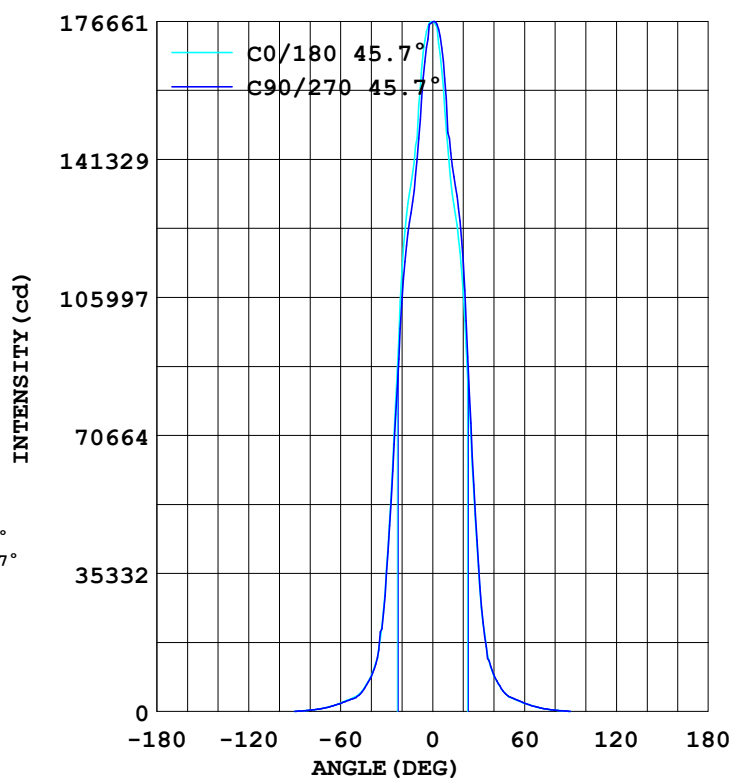
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L80040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	176787	S/MH (C0/180)	0.70
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.69
NOMINAL POWER (W)	800	TOTAL FLUX (lm)	104780	Voltage (V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	130.6	Current (A)	3.506
NOMINAL FLUX (lm)	104780.0	η up (%)	0.0	Power (W)	802.2
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.993
TEST VOLTAGE (V)	230.4	Effective Flux (lm)	104780.1	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



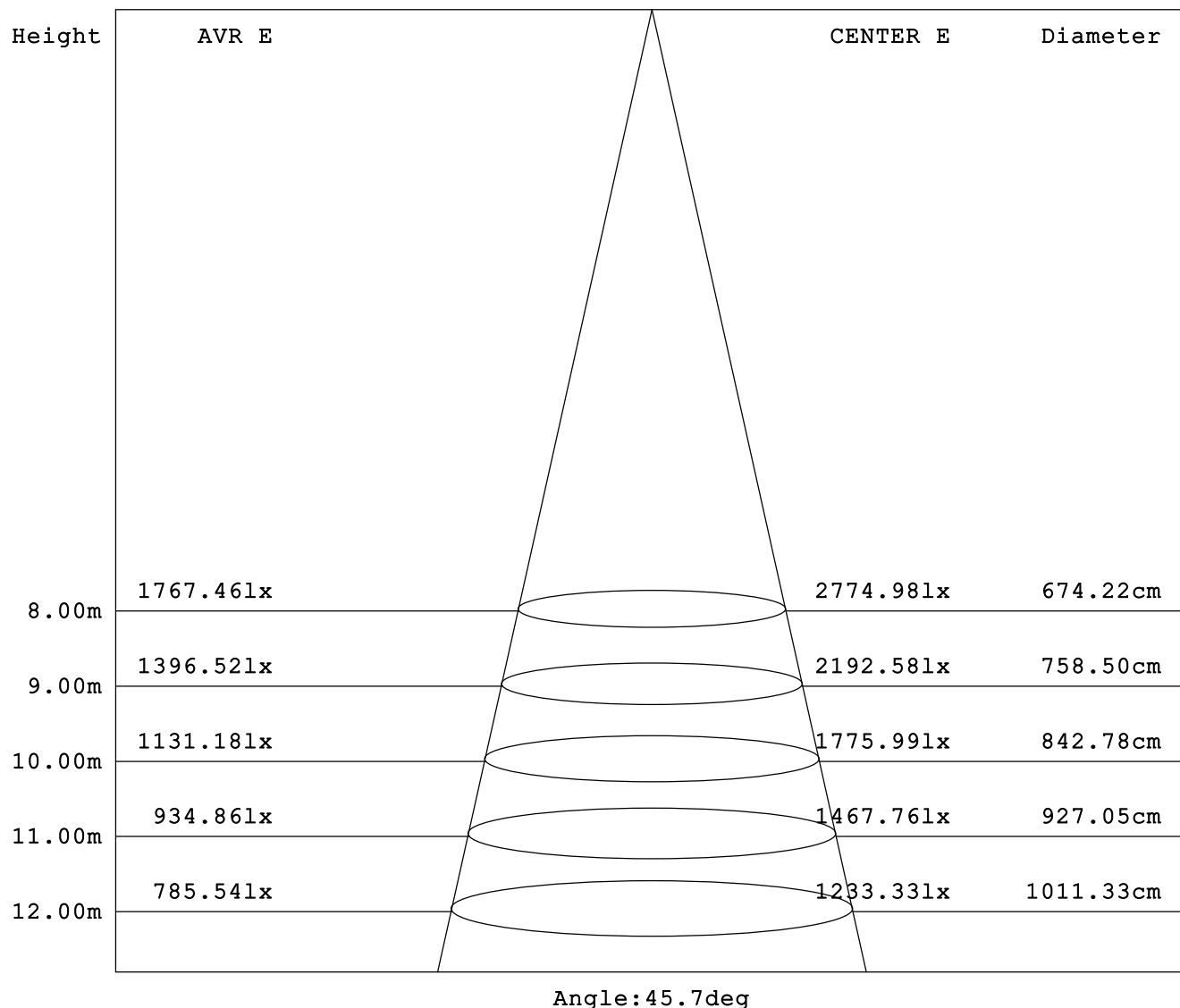
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2022.06.30

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-L80040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1717	1692	1663	1664	1682	1702	1728	1731	0- 5	4149	4149
10.0	1467	1456	1415	1406	1443	1472	1481	1506	5- 10	11255	15404
15.0	1327	1299	1252	1252	1269	1310	1342	1364	10- 15	16240	31644
20.0	1119	1089	1044	1031	1074	1106	1153	1176	15- 20	20014	51658
25.0	708.9	711.4	683.6	675.7	708.8	717.3	738.4	752.0	20- 25	18925	70582
30.0	361.9	369.1	352.7	346.5	363.5	363.0	372.4	380.4	25- 30	13308	83890
35.0	159.8	163.7	156.9	154.1	165.9	165.5	166.4	172.0	30- 35	7315	91206
40.0	91.73	92.36	89.52	89.02	93.29	93.91	94.49	96.17	35- 40	4045	95251
45.0	57.40	57.34	55.86	55.05	57.69	57.68	58.27	59.09	40- 45	2731	97981
50.0	38.23	37.30	36.01	35.60	37.61	38.03	38.46	39.18	45- 50	1852	99833
55.0	29.69	29.53	28.49	28.39	28.89	29.69	30.25	30.80	50- 55	1449	101282
60.0	21.56	21.44	20.78	20.66	21.12	21.33	21.77	21.97	55- 60	1173	102455
65.0	13.93	14.37	14.28	14.14	14.80	14.41	14.01	15.12	60- 65	867.6	103323
70.0	9.539	9.679	9.251	9.345	9.630	9.709	9.695	9.964	65- 70	610.0	103933
75.0	5.964	6.156	5.836	5.914	5.817	5.950	5.993	6.133	70- 75	404.1	104337
80.0	3.469	3.533	3.328	3.355	3.417	3.471	3.522	3.581	75- 80	247.6	104585
85.0	1.787	1.715	1.614	1.578	1.612	1.646	1.813	1.740	80- 85	139.7	104724
90.0	0.547	0.494	0.461	0.425	0.496	0.452	0.543	0.476	85- 90	55.65	104780
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
Operators:
Test Date:2022.06.30

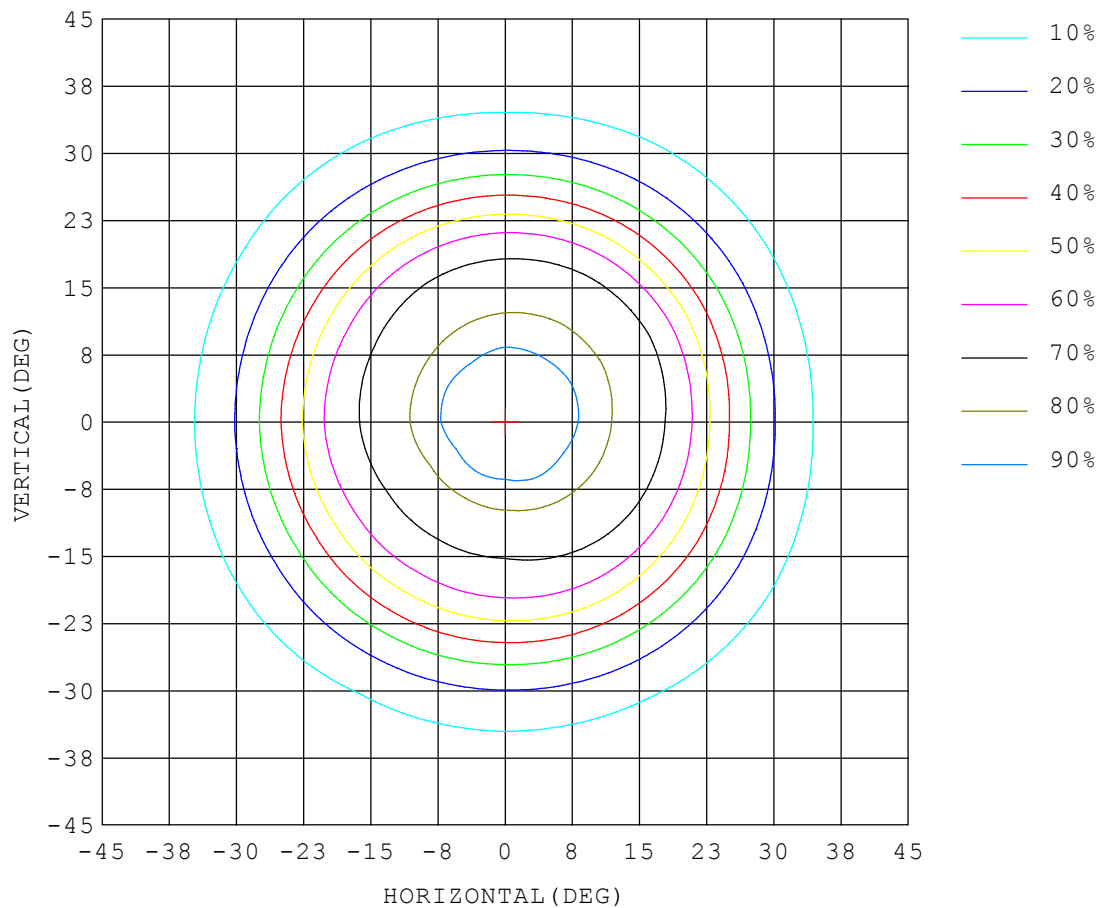
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

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NAME: Draxler	TYPE: IL-SL14-L80040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

UNIT: cd



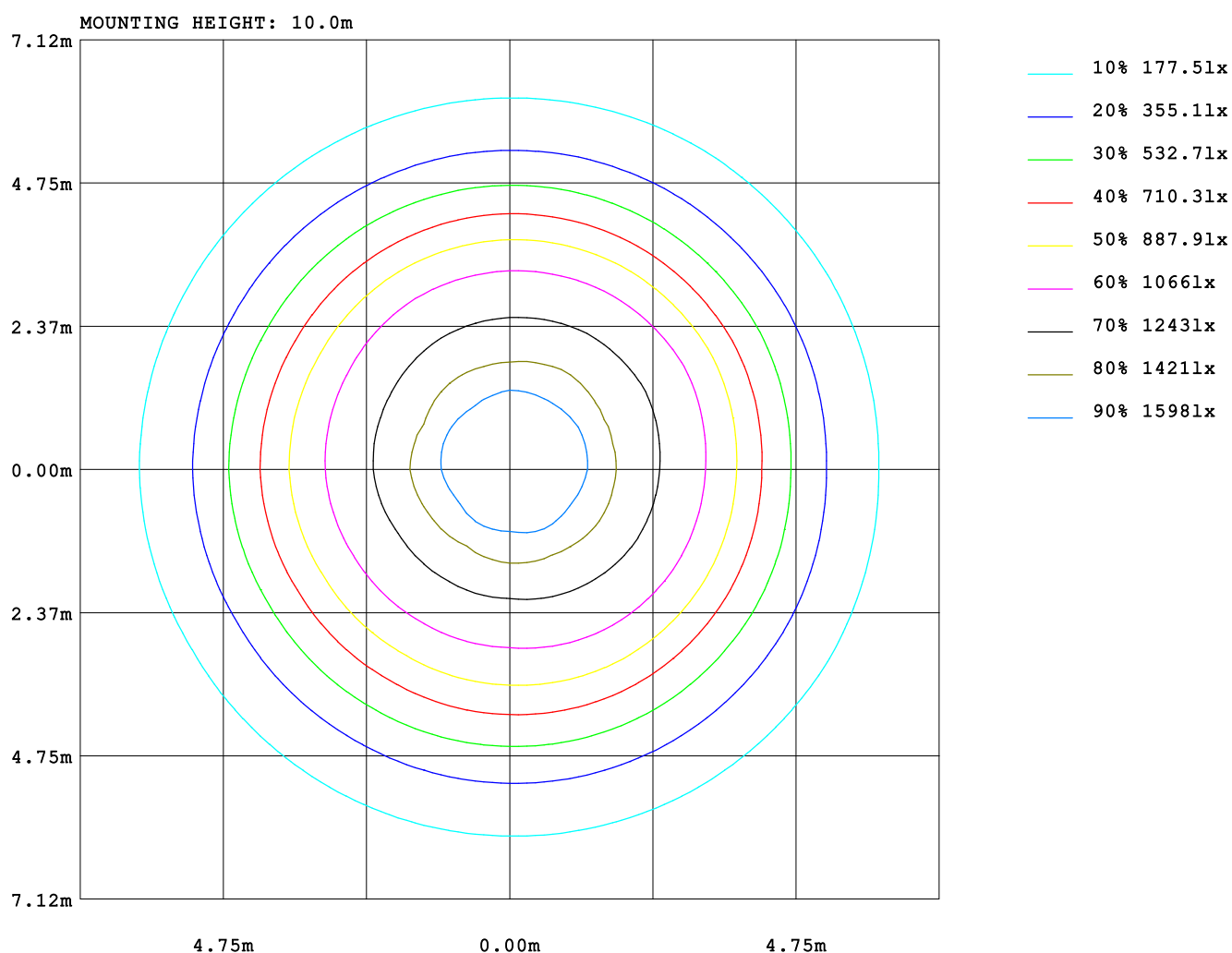
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2022.06.30

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Humidity: 65.0%
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Remarks:

ISOLUX DIAGRAM

Report number:

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



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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	1766	1766	1766	1766	1766	1766	1766	1766	1766	1766	1766	1766
5.0	1717	1692	1692	1663	1670	1659	1682	1704	1701	1728	1723	1738
10.0	1467	1468	1443	1415	1404	1409	1443	1459	1485	1481	1527	1485
15.0	1327	1314	1284	1252	1249	1256	1269	1294	1326	1342	1363	1366
20.0	1119	1101	1077	1044	1025	1037	1074	1086	1127	1153	1174	1177
25.0	709	717	706	684	673	678	709	708	726	738	752	752
30.0	362	373	365	353	346	347	364	361	365	372	381	380
35.0	160	167	160	157	153	155	166	164	168	166	174	170
40.0	91.7	93.4	91.3	89.5	89.0	88.9	93.2	93.7	94.1	94.4	96.5	95.7
45.0	57.4	58.1	56.5	55.8	55.1	54.9	57.6	57.5	57.8	58.2	59.5	58.6
50.0	38.2	37.9	36.6	36.0	35.7	35.4	37.6	37.8	38.2	38.4	39.6	38.7
55.0	29.6	29.8	29.1	28.4	28.6	28.1	28.8	29.5	29.8	30.2	31.0	30.5
60.0	21.5	21.5	21.3	20.7	20.7	20.5	21.1	21.2	21.3	21.7	22.0	21.9
65.0	13.9	14.7	14.0	14.2	14.1	14.1	14.8	13.9	14.8	14.0	15.3	14.9
70.0	9.53	9.62	9.73	9.25	9.48	9.20	9.63	9.67	9.74	9.69	9.97	9.95
75.0	5.96	6.14	6.16	5.83	5.98	5.83	5.81	6.01	5.88	5.99	6.07	6.18
80.0	3.46	3.47	3.59	3.32	3.40	3.30	3.41	3.48	3.45	3.52	3.53	3.63
85.0	1.78	1.61	1.81	1.61	1.66	1.49	1.61	1.72	1.57	1.81	1.64	1.83
90.0	0.55	0.45	0.54	0.46	0.46	0.39	0.50	0.48	0.42	0.54	0.43	0.52

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