

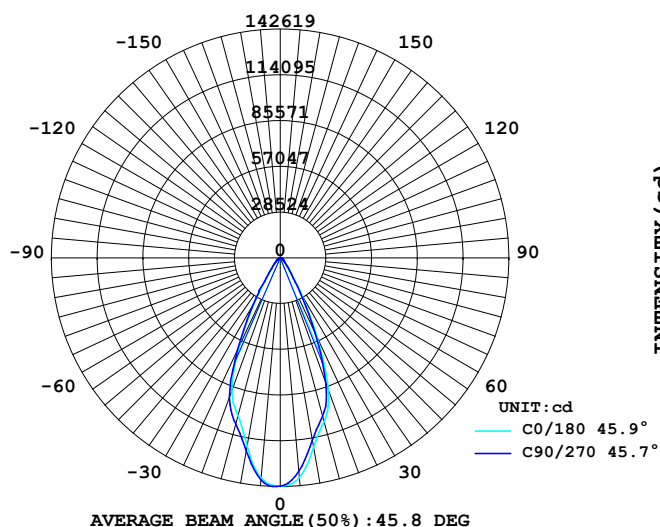
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

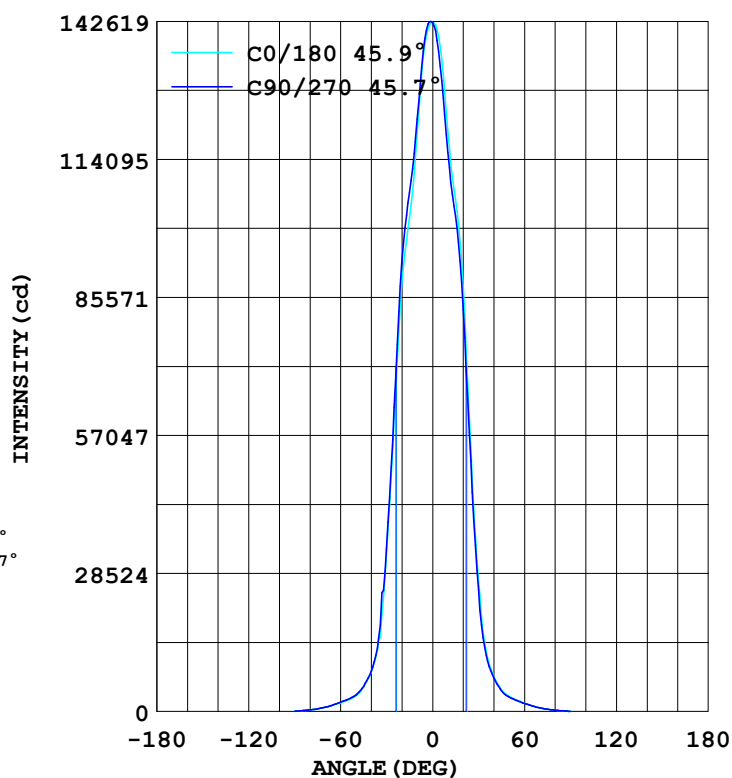
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L60040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	143058	S/MH (C0/180)	0.71
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.72
NOMINAL POWER (W)	600	TOTAL FLUX (lm)	85104	Voltage (V)	231.5
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	141.6	Current (A)	2.606
NOMINAL FLUX (lm)	85103.9	η up (%)	0.0	Power (W)	601.0
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	231.5	Effective Flux (lm)	85103.9	EEI	0.106

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



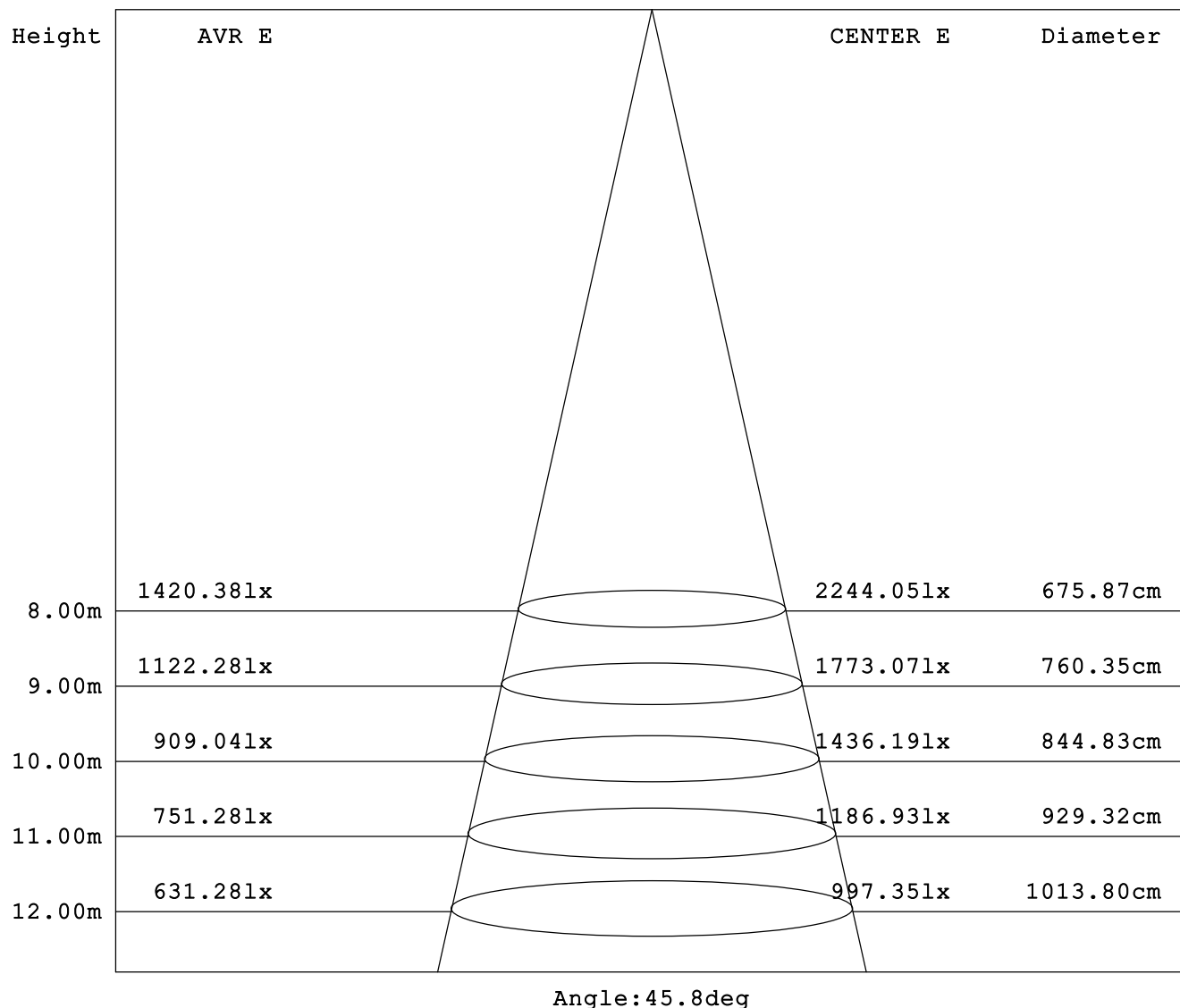
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2022.06.30

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:



Test System:
 Temperature: 25.3DEG
 Operators:
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 Test Distance: 10.000 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L60040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1379	1407	1390	1358	1375	1318	1334	1379	0- 5	3340	3340
10.0	1194	1259	1224	1180	1198	1150	1155	1193	5- 10	9128	12468
15.0	1019	1084	1072	1065	1058	1035	1024	1054	10- 15	13231	25698
20.0	883.4	956.2	928.3	841.9	877.6	780.3	829.8	893.1	15- 20	16001	41699
25.0	606.3	697.9	628.0	518.1	545.7	463.0	517.6	614.1	20- 25	15094	56793
30.0	323.8	398.0	335.8	262.3	268.8	232.2	250.3	333.3	25- 30	10763	67556
35.0	147.8	184.5	153.5	120.4	123.9	104.9	116.0	145.3	30- 35	6112	73668
40.0	81.44	93.09	83.40	70.19	72.73	64.75	70.21	83.39	35- 40	3420	77088
45.0	50.57	57.74	52.16	43.20	44.99	39.66	43.07	52.32	40- 45	2273	79362
50.0	32.44	35.84	34.02	30.52	31.21	29.18	29.76	32.85	45- 50	1571	80932
55.0	24.26	26.92	25.67	23.94	23.51	22.30	22.86	25.46	50- 55	1214	82146
60.0	18.24	20.55	19.25	16.50	17.30	15.59	16.79	18.87	55- 60	978.4	83125
65.0	13.16	14.42	13.47	11.57	11.69	10.44	11.66	13.07	60- 65	731.7	83857
70.0	8.690	9.598	8.807	7.592	7.710	6.874	7.604	8.791	65- 70	516.5	84373
75.0	5.454	6.151	5.528	4.741	4.630	4.160	4.677	5.506	70- 75	343.4	84717
80.0	3.288	3.726	3.332	2.779	2.732	2.417	2.736	3.275	75- 80	213.8	84931
85.0	1.548	1.954	1.735	1.268	1.288	0.981	1.348	1.659	80- 85	121.9	85053
90.0	0.636	0.733	0.607	0.402	0.415	0.340	0.432	0.547	85- 90	51.41	85104
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

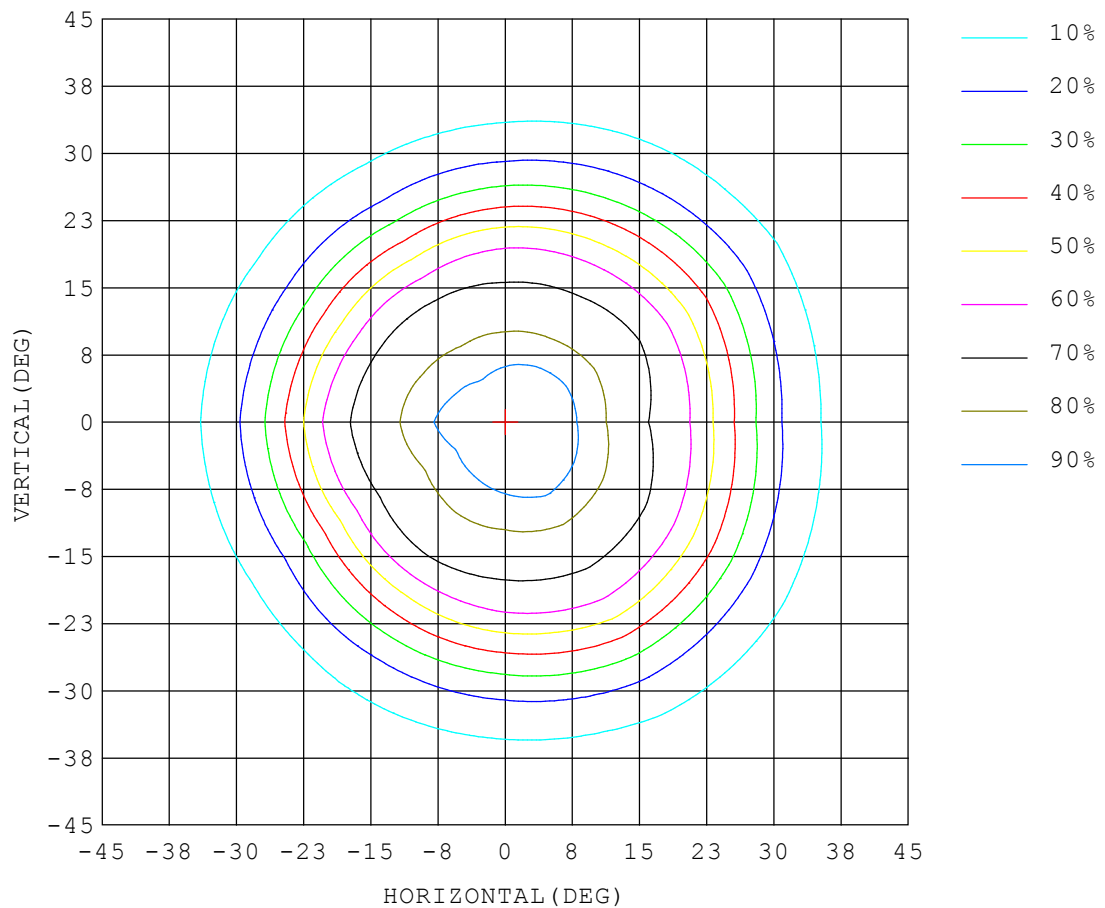
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L60040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

UNIT: cd



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

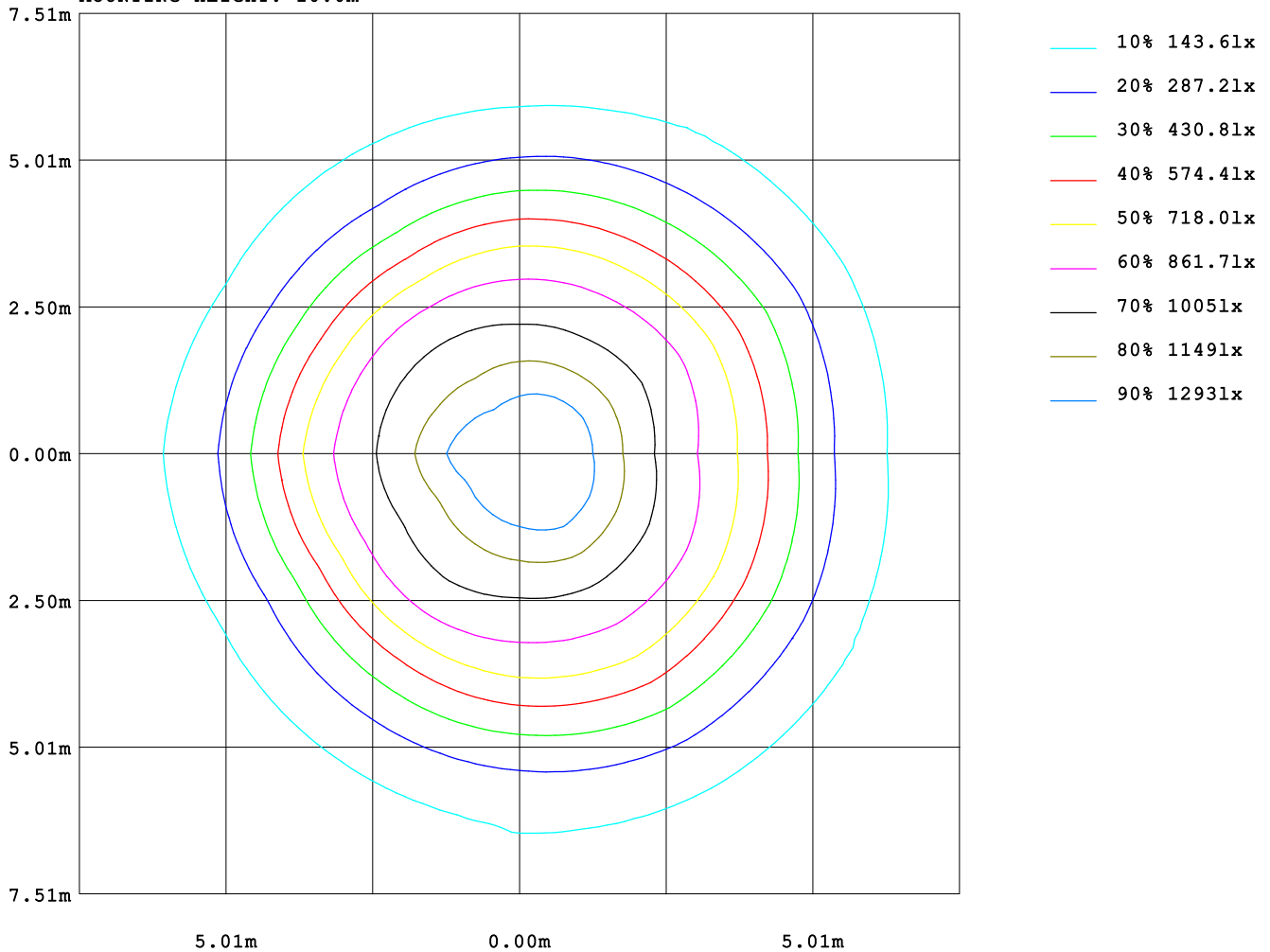
Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L60040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

MOUNTING HEIGHT: 10.0m



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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L60040-45	WEIGHT:
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	1424	1424	1424	1424	1424	1424	1424	1424	1424	1424	1424	1424
5.0	1379	1402	1412	1390	1369	1346	1375	1331	1305	1334	1366	1393
10.0	1194	1244	1274	1224	1194	1167	1198	1157	1144	1155	1176	1211
15.0	1019	1075	1093	1072	1081	1049	1058	1041	1029	1024	1039	1070
20.0	883	943	970	928	867	817	878	791	769	830	868	918
25.0	606	682	714	628	551	486	546	472	454	518	580	649
30.0	324	391	406	336	279	246	269	221	244	250	304	363
35.0	148	182	187	154	130	111	124	107	103	116	138	153
40.0	81.4	91.7	94.4	83.4	73.6	66.7	72.7	65.9	63.5	70.2	79.0	87.7
45.0	50.5	56.8	58.6	52.1	45.3	41.1	44.9	40.3	39.0	43.0	49.7	54.8
50.0	32.4	35.1	36.4	34.0	31.1	29.9	31.2	29.5	28.8	29.7	31.7	33.9
55.0	24.2	26.4	27.3	25.6	25.0	22.8	23.5	22.6	21.9	22.8	24.9	25.9
60.0	18.2	20.3	20.7	19.2	16.7	16.2	17.3	15.8	15.3	16.7	18.3	19.3
65.0	13.1	14.0	14.7	13.4	12.1	10.9	11.6	10.5	10.3	11.6	12.5	13.6
70.0	8.69	9.33	9.85	8.80	8.03	7.14	7.71	6.95	6.79	7.60	8.42	9.15
75.0	5.45	6.00	6.30	5.52	5.06	4.41	4.63	4.29	4.02	4.67	5.18	5.82
80.0	3.28	3.61	3.83	3.33	2.98	2.57	2.73	2.44	2.38	2.73	3.09	3.45
85.0	1.54	1.79	2.12	1.73	1.45	1.08	1.28	1.08	0.88	1.34	1.47	1.84
90.0	0.64	0.63	0.84	0.61	0.46	0.34	0.42	0.37	0.30	0.43	0.42	0.67

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