

LUMINAIRE PHOTOMETRIC TEST REPORT

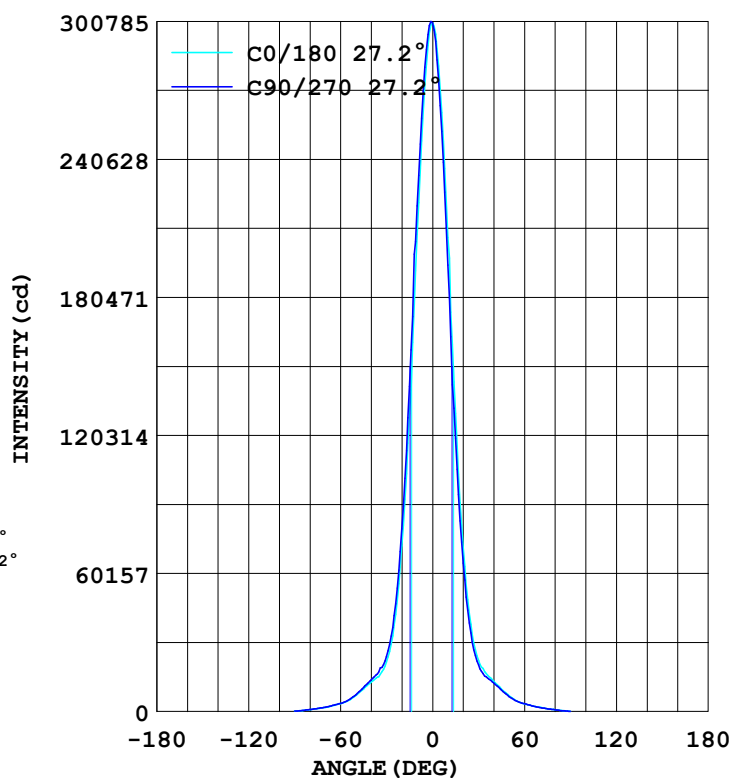
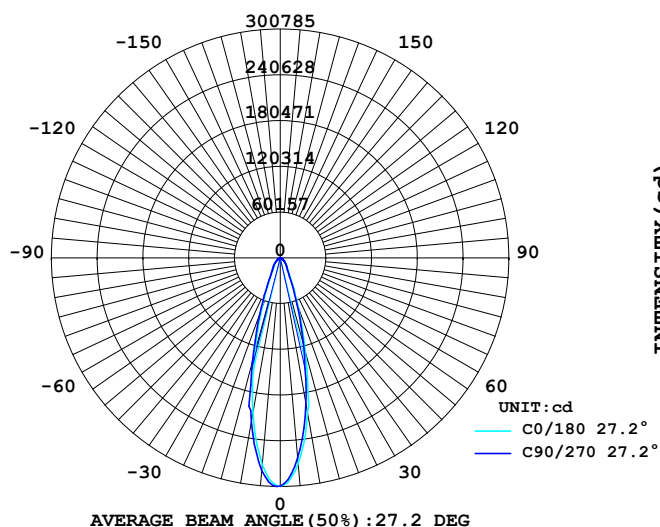
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L80040-25	WEIGHT:
SPECIFICATION: 3535LED 4000K 25°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	303412	S/MH (C0/180)	0.46
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.48
NOMINAL POWER (W)	800	TOTAL FLUX (lm)	105084	Voltage (V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	130.8	Current (A)	3.498
NOMINAL FLUX (lm)	105084.0	η up (%)	0.0	Power (W)	803.4
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	230.8	Effective Flux (lm)	105083.8	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



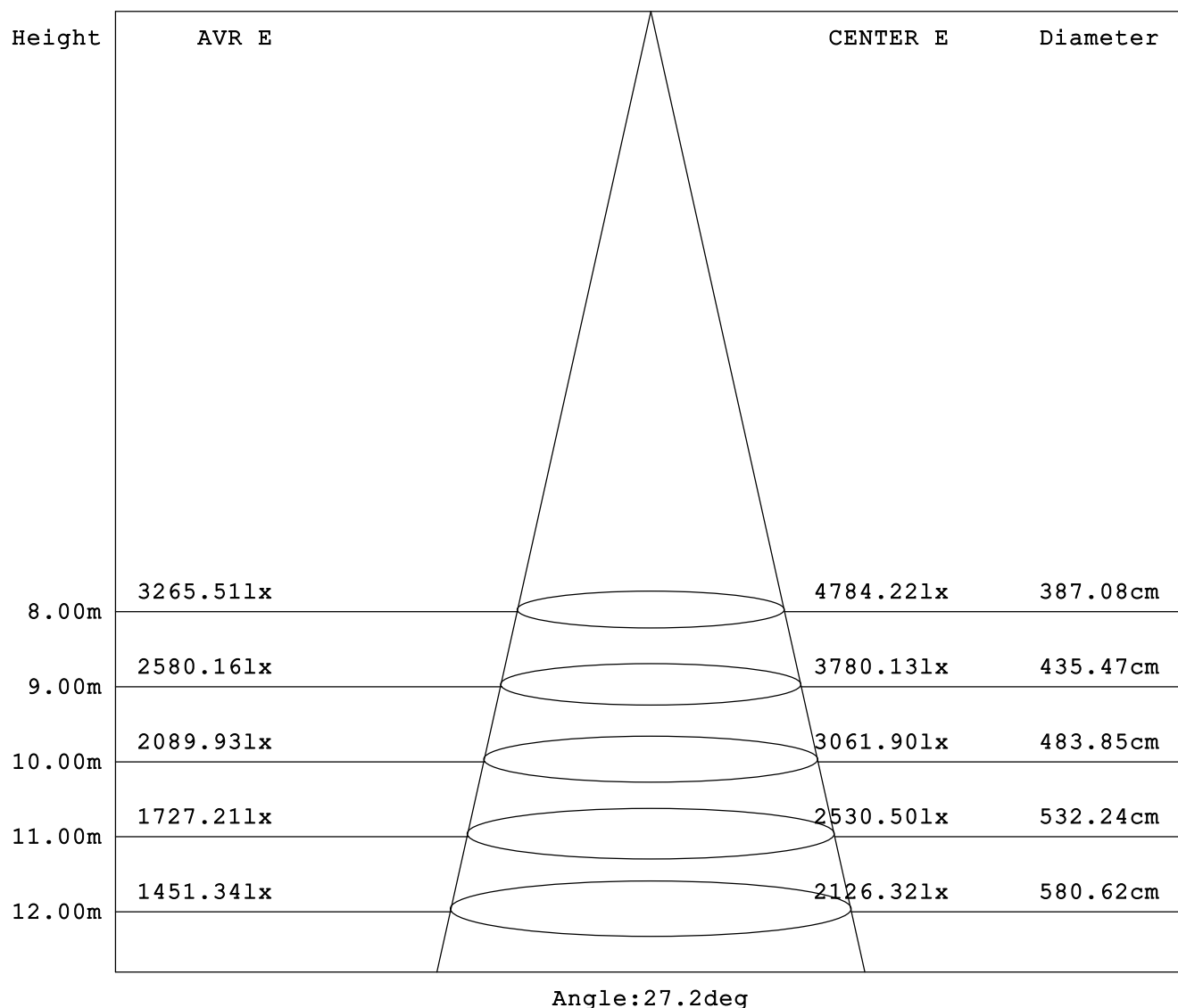
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2022.06.30

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION:3535LED 4000K 25°	DIMENSION:	SERIAL No.:



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

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L80040-25	WEIGHT:
SPECIFICATION: 3535LED 4000K 25°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2730	2814	2807	2729	2713	2631	2640	2743	0- 5	6841	6841
10.0	2080	2202	2204	2069	2066	1973	1945	2170	5- 10	17101	23942
15.0	1300	1407	1417	1274	1300	1184	1191	1321	10- 15	19743	43685
20.0	721.5	796.1	795.3	727.3	711.9	641.2	646.5	747.3	15- 20	16184	59869
25.0	375.5	415.7	417.2	387.4	380.0	342.0	343.1	398.6	20- 25	11118	70987
30.0	215.2	235.0	239.4	231.4	223.1	205.4	202.4	227.6	25- 30	7318	78305
35.0	151.8	167.7	172.9	171.5	165.0	153.2	151.9	162.6	30- 35	5551	83856
40.0	128.5	136.2	138.7	136.1	132.4	125.8	124.3	132.8	35- 40	4898	88754
45.0	98.83	104.6	104.9	100.3	98.66	93.50	94.01	103.0	40- 45	4287	93041
50.0	70.04	74.02	73.50	69.44	68.72	64.58	65.43	73.08	45- 50	3409	96450
55.0	47.76	50.14	49.54	46.96	46.25	43.97	45.17	50.03	50- 55	2518	98968
60.0	34.64	35.07	35.22	33.01	33.41	32.27	33.61	35.85	55- 60	1847	100815
65.0	26.01	27.02	26.76	24.26	24.99	23.28	24.52	26.66	60- 65	1453	102268
70.0	17.99	18.57	18.97	16.86	18.76	16.40	17.43	18.55	65- 70	1072	103340
75.0	12.66	12.64	13.27	11.56	12.35	11.07	12.08	12.58	70- 75	775.4	104115
80.0	8.280	8.263	8.688	7.233	7.829	6.887	7.500	8.176	75- 80	530.9	104646
85.0	4.173	4.082	4.251	3.189	3.562	3.032	3.531	4.070	80- 85	309.2	104955
90.0	1.455	1.405	1.545	1.108	1.140	0.937	1.142	1.504	85- 90	128.3	105084
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

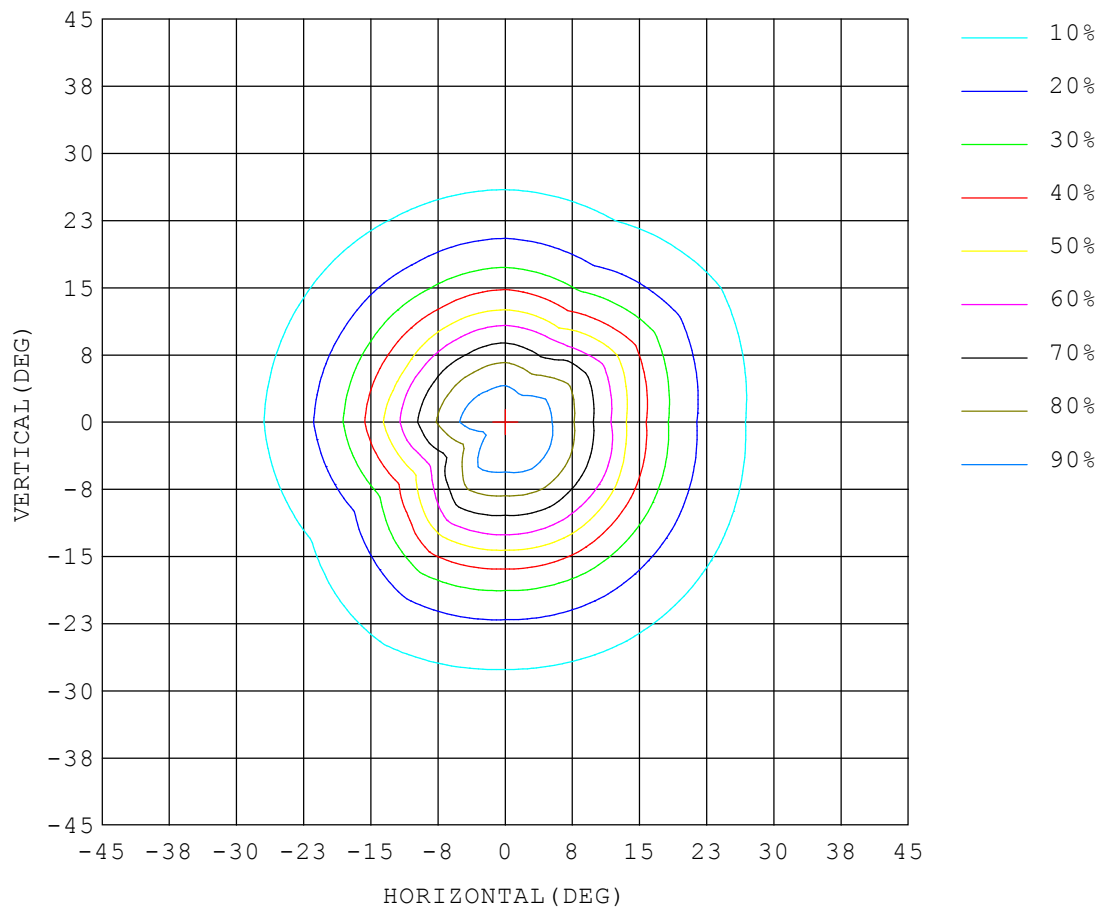
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Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

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NAME: Draxler	TYPE: IL-SL14-L80040-25	WEIGHT:
SPECIFICATION: 3535LED 4000K 25°	DIMENSION:	SERIAL No.:

UNIT: cd



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

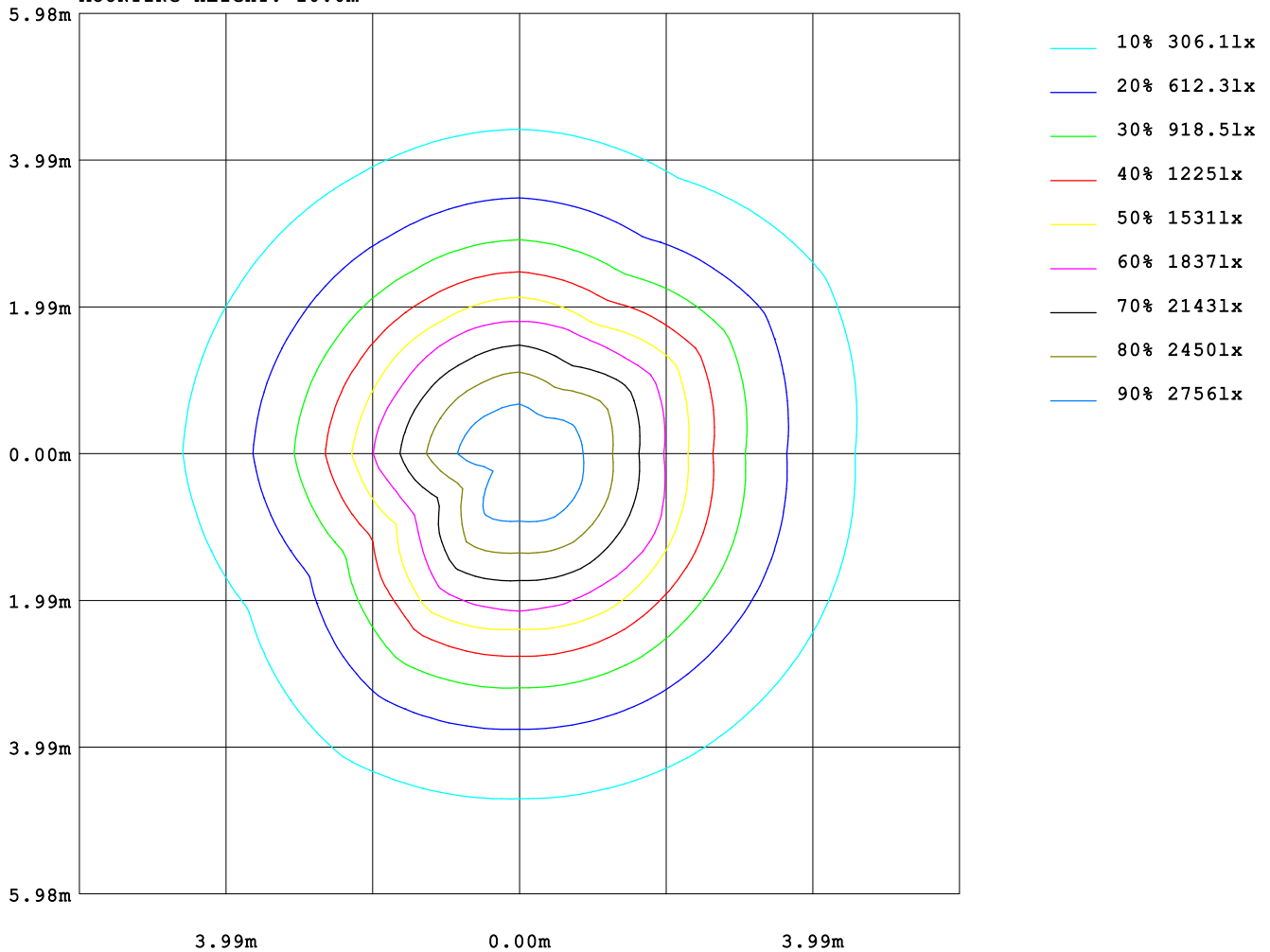
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Humidity: 65.0%
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Remarks:

ISOLUX DIAGRAM

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MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L80040-25	WEIGHT:
SPECIFICATION: 3535LED 4000K 25°	DIMENSION:	SERIAL No.:

MOUNTING HEIGHT: 10.0m



Test System:
Temperature: 25.3DEG
Operators:
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LUMINOUS DISTRIBUTION INTENSITY DATA

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MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE:IL-SL14-L80040-25	WEIGHT:
SPECIFICATION:3535LED 4000K 25°	DIMENSION:	SERIAL No.:

UNIT: ×100cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002
5.0	2730	2792	2836	2807	2864	2588	2713	2650	2612	2640	2591	2902
10.0	2080	2170	2235	2204	2284	1845	2066	1963	1982	1945	2020	2326
15.0	1300	1388	1425	1417	1439	1102	1300	1206	1161	1191	1133	1518
20.0	722	780	813	795	847	602	712	654	628	647	611	889
25.0	376	406	425	417	446	326	380	350	334	343	324	476
30.0	215	230	240	239	253	209	223	210	201	202	196	261
35.0	152	166	170	173	179	164	165	153	154	152	150	176
40.0	129	134	138	139	144	128	132	127	124	124	122	144
45.0	98.8	103	106	105	108	92.0	98.6	94.2	92.7	94.0	92.7	114
50.0	70.0	73.1	74.8	73.5	75.6	62.9	68.7	64.5	64.5	65.4	64.8	81.6
55.0	47.7	49.6	50.5	49.5	50.8	42.8	46.2	44.1	43.7	45.1	44.2	56.0
60.0	34.6	34.8	35.3	35.2	33.9	32.0	33.4	32.3	32.2	33.6	32.8	39.0
65.0	26.0	26.8	27.1	26.7	25.5	22.8	24.9	23.2	23.3	24.5	23.5	29.8
70.0	17.9	18.9	18.2	18.9	17.4	16.2	18.7	16.2	16.5	17.4	16.8	20.3
75.0	12.6	12.5	12.7	13.2	12.0	11.0	12.3	11.1	11.0	12.0	11.0	14.1
80.0	8.28	8.14	8.38	8.68	7.71	6.73	7.82	6.92	6.84	7.50	7.05	9.34
85.0	4.17	3.89	4.27	4.25	3.55	2.80	3.56	3.16	2.90	3.53	3.15	5.03
90.0	1.45	1.32	1.48	1.54	1.18	1.03	1.14	0.97	0.90	1.14	1.01	2.01

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