

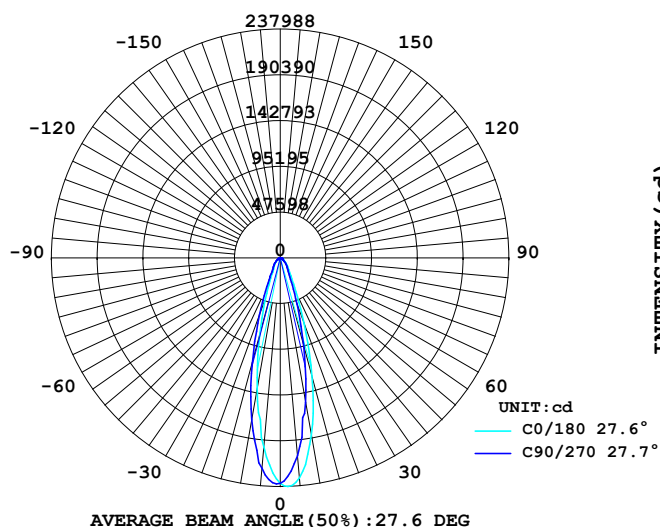
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

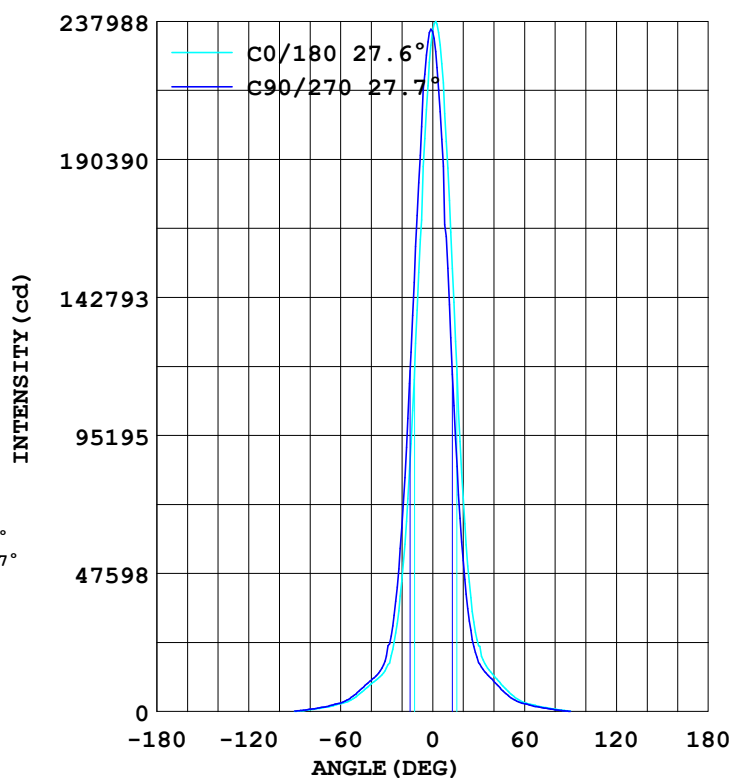
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L60040-25	WEIGHT:
SPECIFICATION: 3535LED 4000K 25°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	238624	S/MH (C0/180)	0.40
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.49
NOMINAL POWER (W)	600	TOTAL FLUX (lm)	84209	Voltage (V)	229.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	140.3	Current (A)	2.628
NOMINAL FLUX (lm)	84208.6	η up (%)	0.0	Power (W)	600.2
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	229.4	Effective Flux (lm)	84208.6	EEI	0.107

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



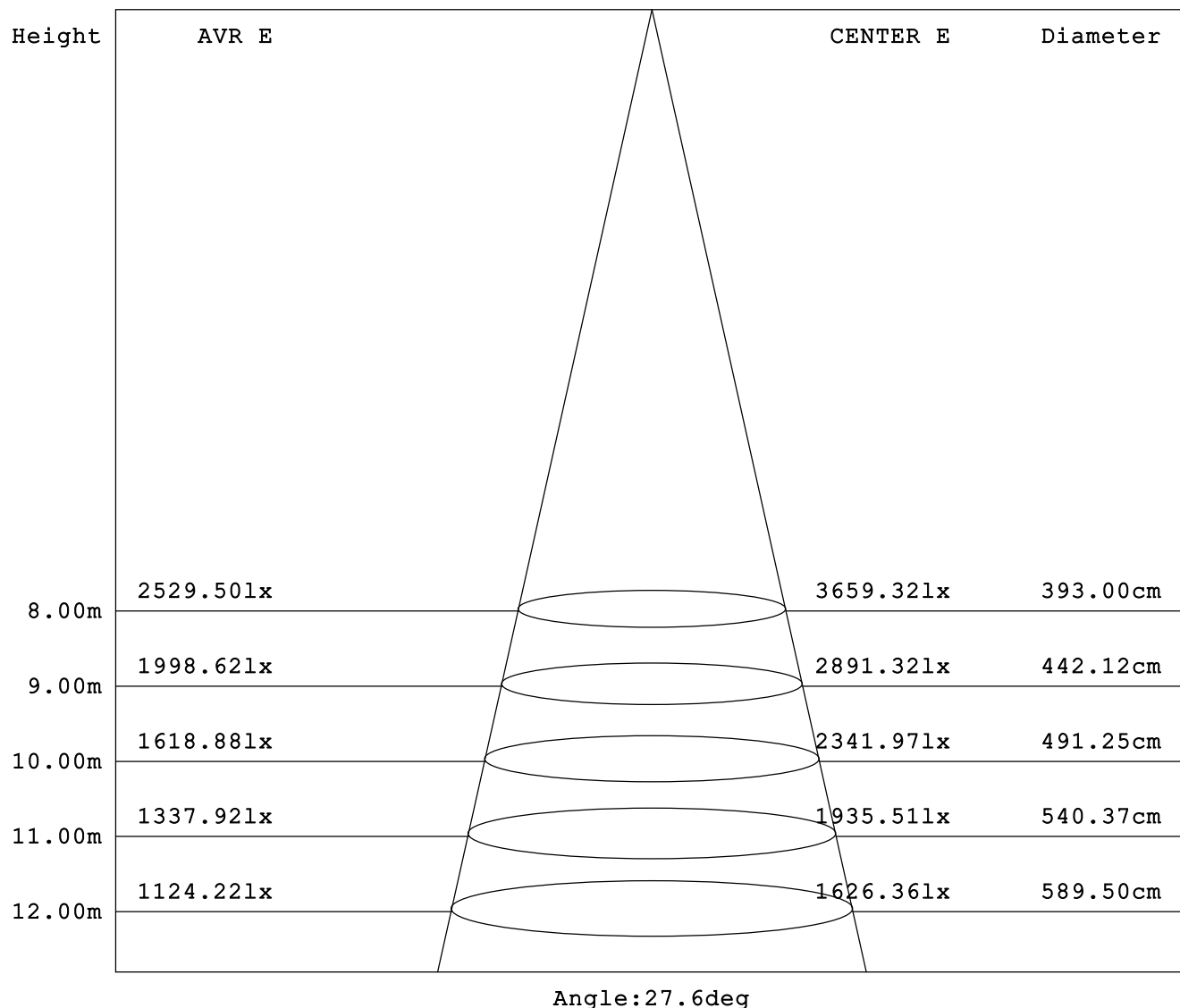
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2022.06.30

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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MANUFACTURER: ILUMEN GMBH	Address:	
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ZONAL FLUX DIAGRAM

Report number:

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1976	2078	2198	2291	2298	2178	2068	1981	0- 5	5355	5355
10.0	1384	1543	1710	1859	1874	1651	1528	1404	5- 10	13311	18665
15.0	829.8	975.7	1130	1266	1277	1086	940.1	837.2	10- 15	15555	34220
20.0	448.8	537.8	632.8	719.1	735.8	612.2	520.0	459.1	15- 20	12972	47192
25.0	238.6	281.3	331.6	380.4	392.2	327.8	279.5	246.1	20- 25	8968	56160
30.0	151.0	163.0	191.1	219.0	226.7	196.9	168.3	156.4	25- 30	5998	62157
35.0	116.1	122.2	133.1	149.5	157.6	145.6	132.1	121.8	30- 35	4581	66738
40.0	95.04	100.4	108.1	119.2	123.7	114.2	104.6	97.49	35- 40	4029	70768
45.0	72.26	78.20	84.90	92.37	93.34	83.52	76.12	71.71	40- 45	3503	74271
50.0	50.60	55.31	60.58	65.28	66.25	57.32	52.54	49.69	45- 50	2779	77050
55.0	35.11	37.98	41.51	44.16	44.19	38.47	35.85	34.14	50- 55	2060	79110
60.0	27.06	27.64	29.77	30.70	30.67	27.21	26.80	25.55	55- 60	1518	80628
65.0	19.51	20.80	22.88	23.35	23.71	20.64	19.87	18.28	60- 65	1193	81821
70.0	14.54	14.33	16.17	16.28	17.19	14.55	14.92	13.10	65- 70	900.1	82721
75.0	10.03	9.937	11.75	11.49	12.28	9.952	10.28	8.817	70- 75	659.4	83380
80.0	5.960	6.380	7.755	7.586	8.193	6.447	6.202	5.360	75- 80	452.8	83833
85.0	2.680	3.080	3.846	3.942	4.024	2.972	2.795	2.466	80- 85	264.2	84097
90.0	0.932	1.041	1.485	1.530	1.575	0.955	0.985	0.759	85- 90	111.1	84209
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

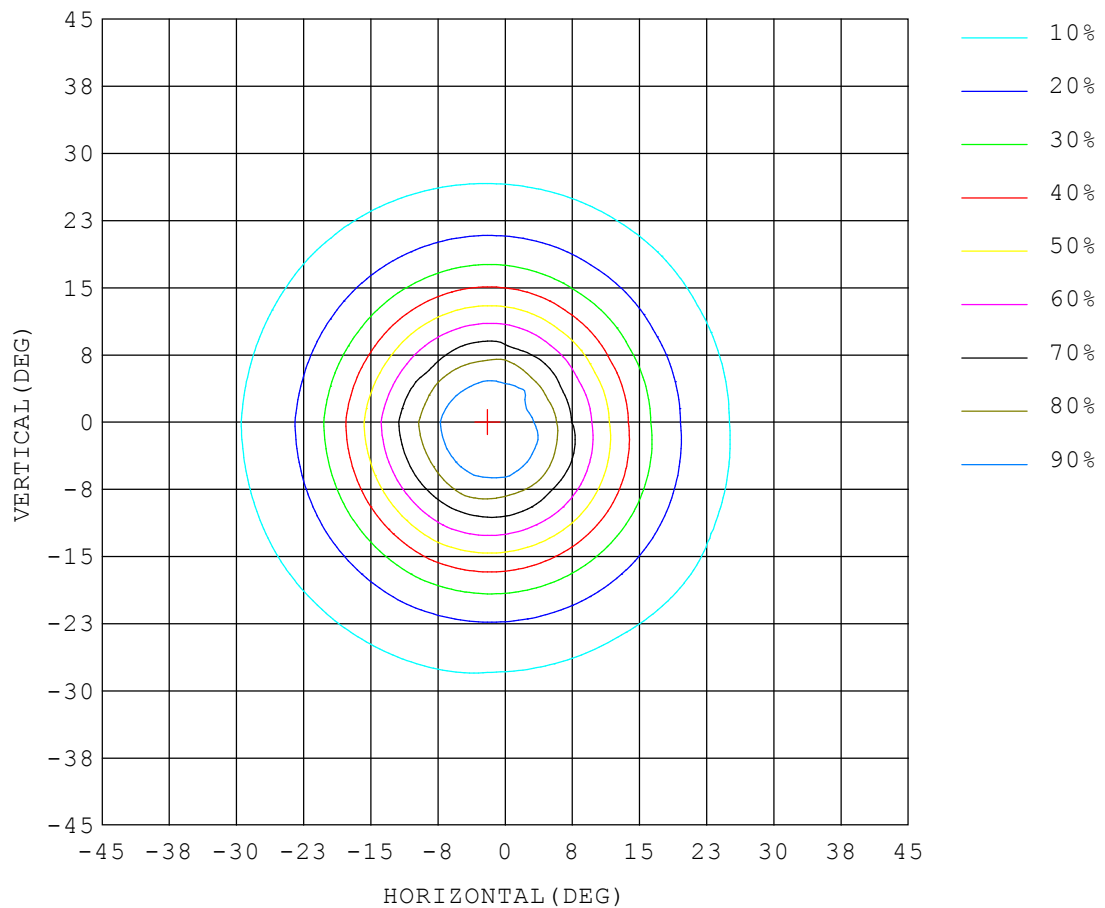
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 Remarks:

ISOCANDELA DIAGRAM

Report number:

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UNIT: cd



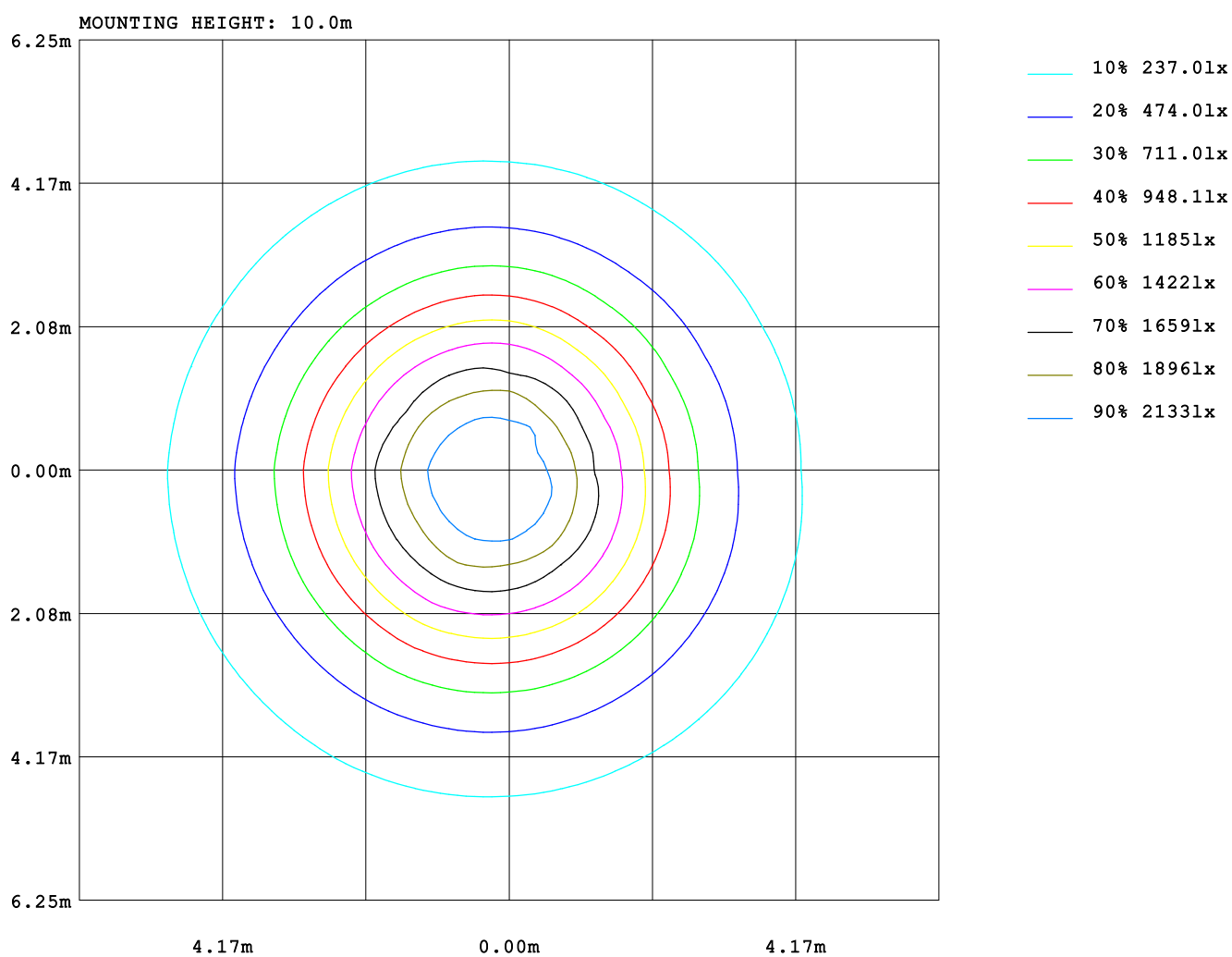
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Operators:
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ISOLUX DIAGRAM

Report number:

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LUMINOUS DISTRIBUTION INTENSITY DATA

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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	2345	2345	2345	2345	2345	2345	2345	2345	2345	2345	2345	2345
5.0	1976	2029	2128	2198	2277	2306	2298	2213	2143	2068	1983	1980
10.0	1384	1485	1601	1710	1839	1878	1874	1678	1624	1528	1422	1386
15.0	830	923	1028	1130	1238	1294	1277	1142	1031	940	852	822
20.0	449	507	569	633	702	737	736	647	578	520	468	450
25.0	239	266	297	332	370	391	392	346	310	280	251	241
30.0	151	161	165	191	209	229	227	204	190	168	160	153
35.0	116	120	125	133	144	155	158	150	141	132	124	120
40.0	95.0	98.3	103	108	116	123	124	118	111	105	98.3	96.5
45.0	72.2	76.0	80.3	84.9	90.3	94.4	93.3	86.4	80.5	76.1	72.1	71.2
50.0	50.6	53.5	57.0	60.5	64.1	66.4	66.2	59.4	55.1	52.5	49.7	49.5
55.0	35.1	36.8	39.0	41.5	43.6	44.6	44.1	39.8	37.0	35.8	34.0	34.2
60.0	27.0	27.0	28.2	29.7	30.4	30.9	30.6	27.8	26.5	26.8	25.4	25.6
65.0	19.5	20.2	21.3	22.8	23.2	23.4	23.7	21.1	20.1	19.8	18.4	18.1
70.0	14.5	13.9	14.6	16.1	16.2	16.3	17.1	15.0	14.0	14.9	13.2	12.9
75.0	10.0	9.65	10.2	11.7	11.4	11.5	12.2	10.3	9.52	10.2	8.83	8.80
80.0	5.96	6.14	6.61	7.75	7.47	7.69	8.19	6.74	6.15	6.20	5.41	5.30
85.0	2.68	2.84	3.31	3.84	3.93	3.95	4.02	3.24	2.70	2.79	2.65	2.27
90.0	0.93	0.86	1.22	1.48	1.51	1.54	1.57	1.10	0.80	0.99	0.72	0.80

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