

LUMINAIRE PHOTOMETRIC TEST REPORT

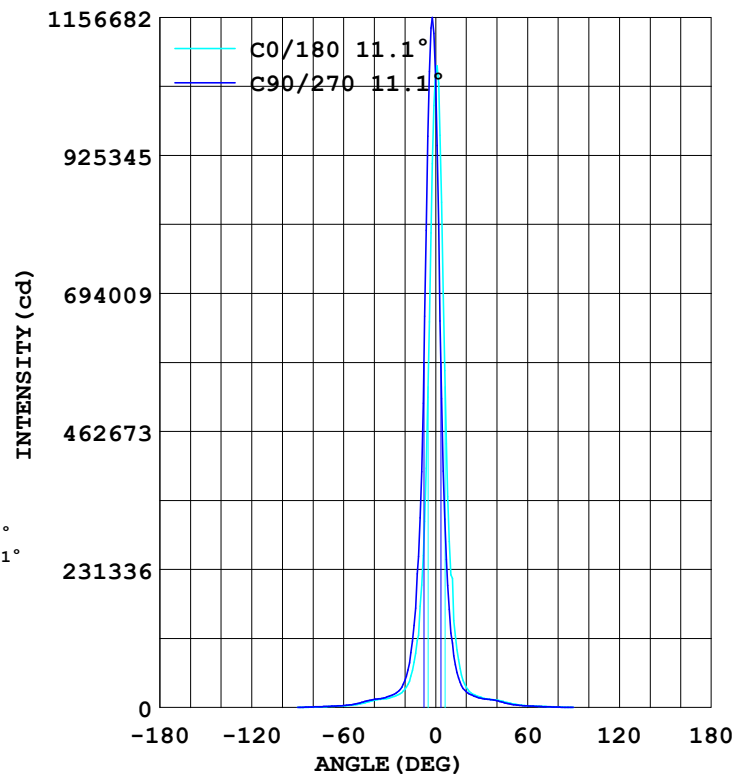
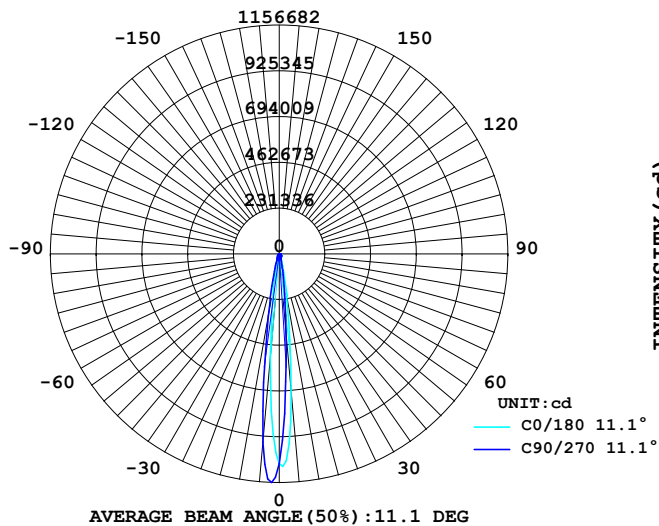
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L80040-12	WEIGHT:
SPECIFICATION: 3535LED 4000K 12°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1171734	S/MH (C0/180)	0.17
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.26
NOMINAL POWER(W)	800	TOTAL FLUX(lm)	104509	Voltage(V)	229.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	130.1	Current(A)	3.519
NOMINAL FLUX(lm)	104509.0	η up (%)	0.0	Power(W)	803.2
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	229.4	Effective Flux(lm)	104509.0	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION

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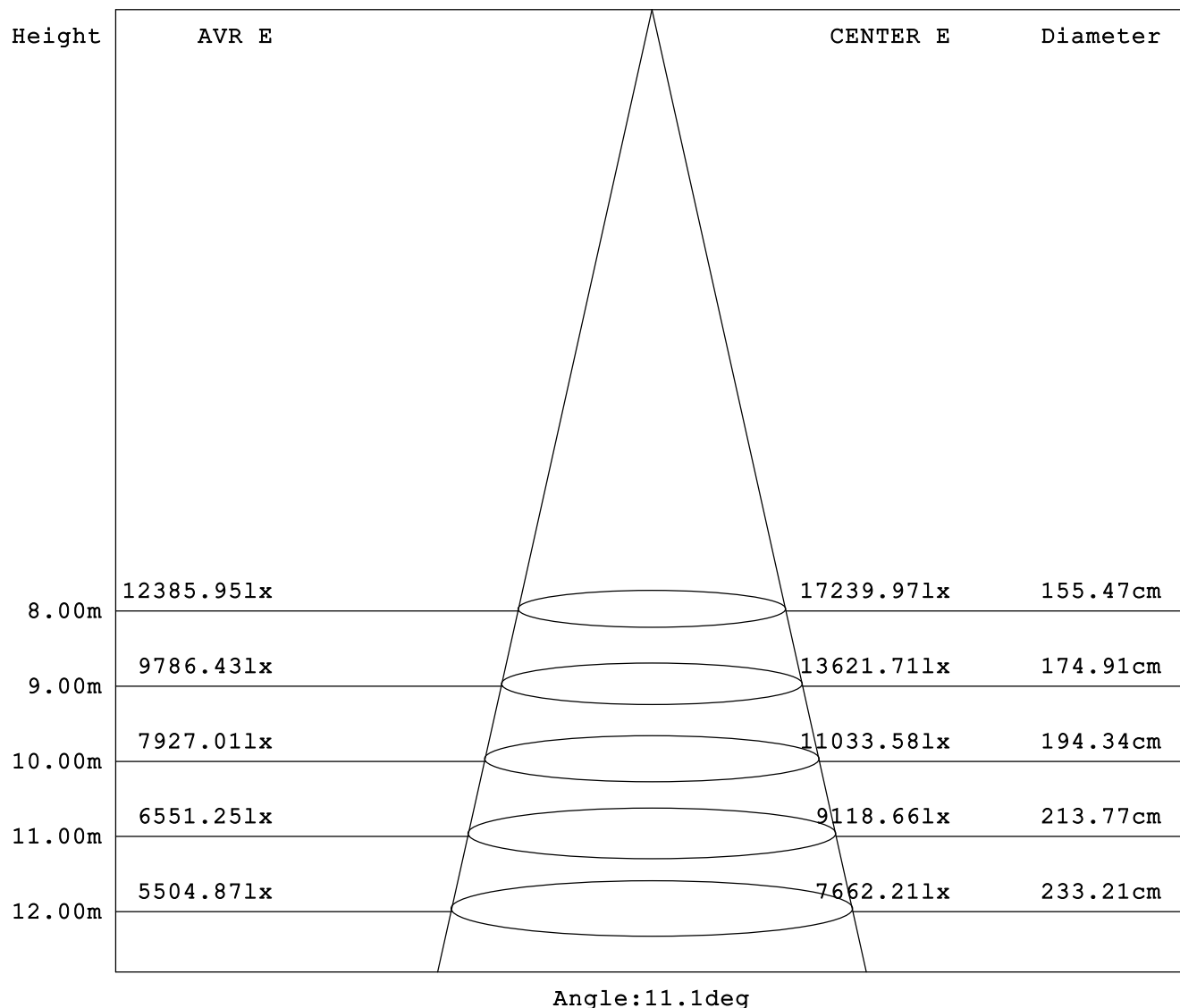
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2022.06.30

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

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SPECIFICATION: 3535LED 4000K 12°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	520.0	754.8	957.1	914.1	697.3	481.1	396.2	421.4	0- 5	19955	19955
10.0	169.6	241.4	318.0	310.1	222.1	157.2	124.7	136.9	5- 10	26299	46254
15.0	62.09	86.85	111.2	109.0	80.07	57.19	49.73	55.47	10- 15	15144	61397
20.0	30.44	37.69	45.06	44.61	33.88	27.70	26.34	29.09	15- 20	8317	69714
25.0	20.84	23.14	25.55	25.88	21.68	19.59	19.31	21.07	20- 25	5653	75367
30.0	15.96	17.90	19.03	19.76	16.68	15.14	15.12	16.23	25- 30	4892	80259
35.0	14.04	14.49	15.24	15.65	13.77	13.31	13.59	14.72	30- 35	4549	84808
40.0	12.18	12.96	13.64	14.16	12.46	11.68	11.53	12.46	35- 40	4536	89343
45.0	8.670	9.905	10.95	11.30	9.622	8.392	7.971	8.593	40- 45	4122	93466
50.0	5.638	6.485	7.377	7.575	6.426	5.456	5.181	5.565	45- 50	3127	96593
55.0	3.823	4.243	4.805	4.925	4.244	3.703	3.622	3.835	50- 55	2210	98803
60.0	2.816	3.021	3.352	3.452	3.024	2.766	2.758	2.920	55- 60	1625	100427
65.0	2.196	2.369	2.590	2.703	2.384	2.134	2.107	2.200	60- 65	1297	101725
70.0	1.646	1.732	1.948	1.991	1.789	1.564	1.597	1.590	65- 70	1024	102748
75.0	1.184	1.247	1.490	1.455	1.309	1.097	1.123	1.125	70- 75	774.3	103523
80.0	0.735	0.814	1.015	0.972	0.854	0.659	0.641	0.651	75- 80	539.2	104062
85.0	0.347	0.404	0.546	0.507	0.411	0.287	0.272	0.269	80- 85	313.3	104375
90.0	0.116	0.162	0.223	0.212	0.153	0.100	0.105	0.107	85- 90	133.7	104509
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:×1000cd									UNIT:lm	

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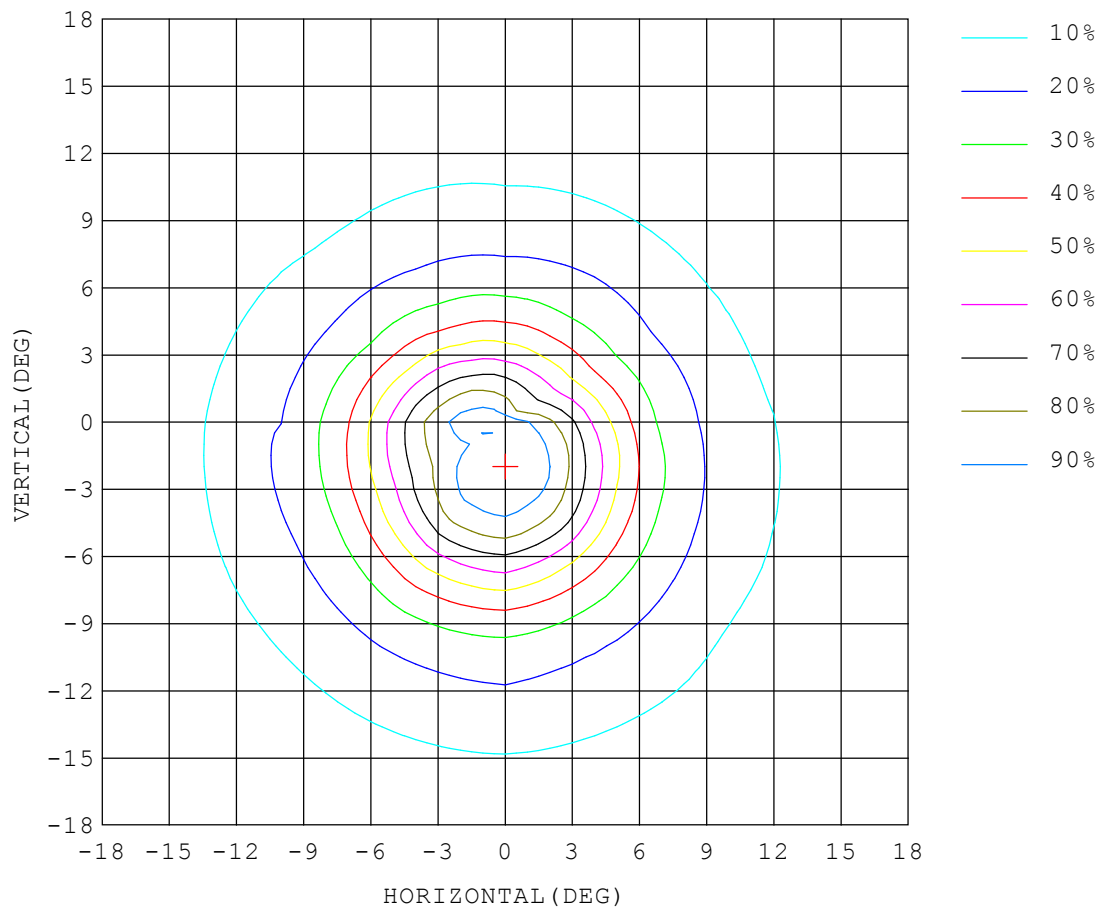
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 Remarks:

ISOCANDELA DIAGRAM

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SPECIFICATION: 3535LED 4000K 12°	DIMENSION:	SERIAL No.:

UNIT: cd



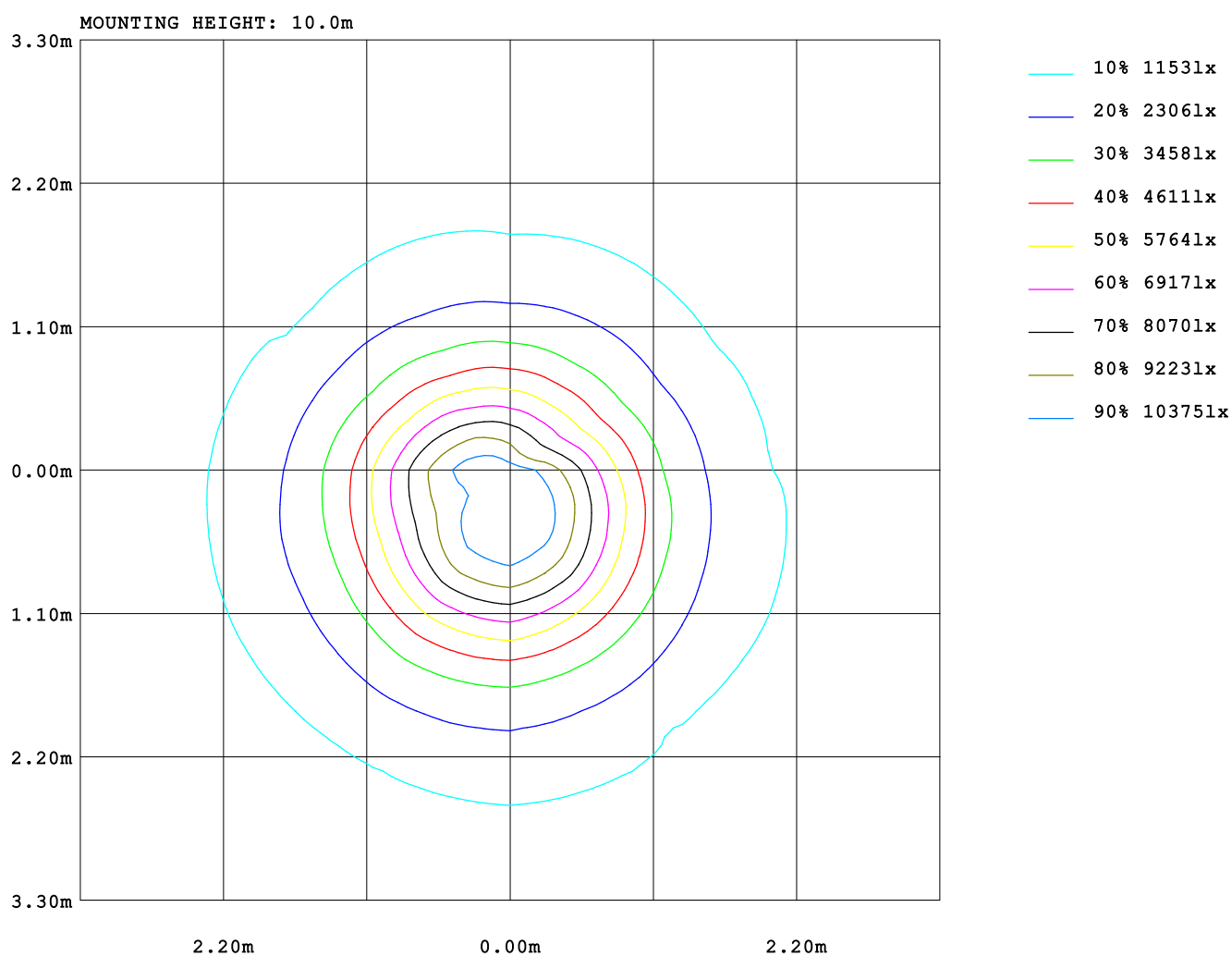
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:3535LED 4000K 12°	DIMENSION:	SERIAL No.:

UNIT: ×1000cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
5.0	520	663	849	957	975	851	697	531	430	396	401	442
10.0	170	212	271	318	330	290	222	170	144	125	139	135
15.0	62.0	77.2	96.6	111	114	104	80.0	61.7	52.5	49.7	52.5	58.5
20.0	30.4	34.8	40.5	45.0	46.1	43.0	33.8	28.7	26.6	26.3	27.9	30.3
25.0	20.8	22.2	24.0	25.5	26.1	25.5	21.6	19.8	19.3	19.3	20.4	21.7
30.0	15.9	17.7	18.1	19.0	19.5	20.0	16.6	15.2	14.9	15.1	16.0	16.4
35.0	14.0	14.2	14.7	15.2	15.6	15.6	13.7	13.2	13.3	13.5	14.3	15.1
40.0	12.1	12.7	13.2	13.6	14.1	14.2	12.4	11.8	11.5	11.5	12.0	12.8
45.0	8.67	9.50	10.3	10.9	11.3	11.2	9.62	8.62	8.15	7.97	8.31	8.88
50.0	5.63	6.16	6.80	7.37	7.63	7.51	6.42	5.56	5.34	5.18	5.43	5.69
55.0	3.82	4.07	4.41	4.80	4.94	4.90	4.24	3.78	3.61	3.62	3.73	3.93
60.0	2.81	2.92	3.12	3.35	3.44	3.46	3.02	2.78	2.74	2.75	2.86	2.97
65.0	2.19	2.30	2.43	2.59	2.68	2.72	2.38	2.16	2.10	2.10	2.15	2.24
70.0	1.64	1.68	1.77	1.94	1.97	2.01	1.78	1.58	1.54	1.59	1.61	1.56
75.0	1.18	1.20	1.28	1.49	1.45	1.45	1.30	1.13	1.06	1.12	1.10	1.14
80.0	0.73	0.78	0.85	1.01	0.96	0.98	0.85	0.69	0.63	0.64	0.64	0.67
85.0	0.35	0.36	0.44	0.55	0.52	0.49	0.41	0.32	0.26	0.27	0.24	0.30
90.0	0.12	0.13	0.19	0.22	0.22	0.20	0.15	0.11	0.09	0.10	0.10	0.11

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