

LUMINAIRE PHOTOMETRIC TEST REPORT

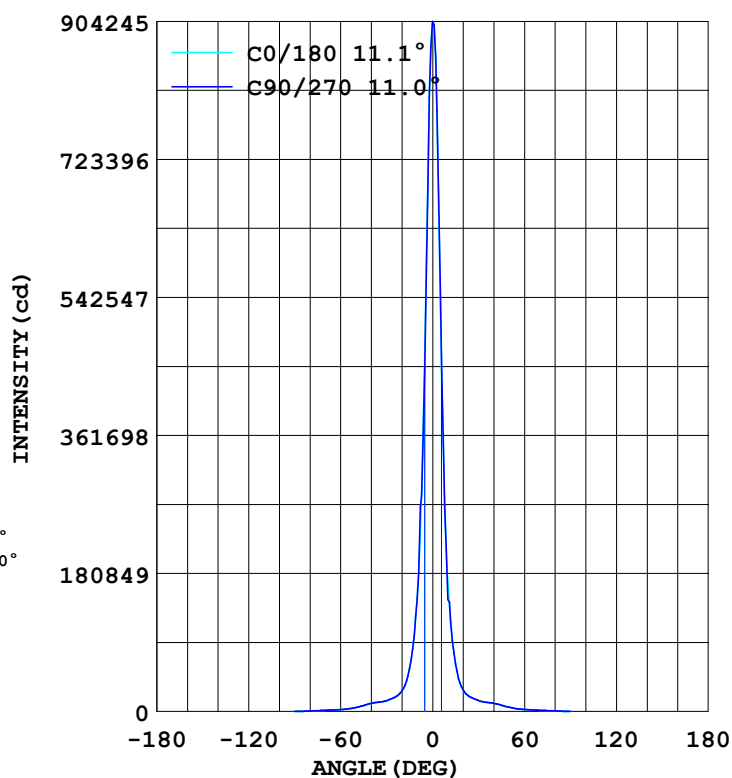
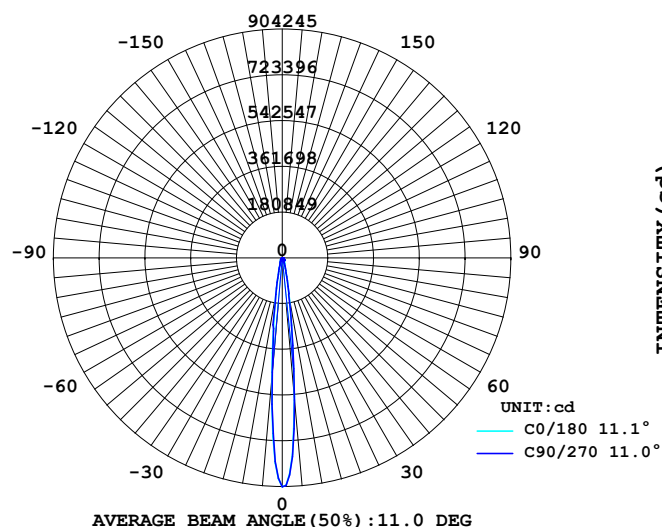
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L60040-12	WEIGHT:
SPECIFICATION: 3535LED 4000K 12°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	904246	S/MH (C0/180)	0.18
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.17
NOMINAL POWER(W)	600	TOTAL FLUX(lm)	84116	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	140.1	Current(A)	2.616
NOMINAL FLUX(lm)	84116.1	η up (%)	0.0	Power(W)	600.4
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	84116.2	EEI	0.107

LUMINOUS INTENSITY DISTRIBUTION

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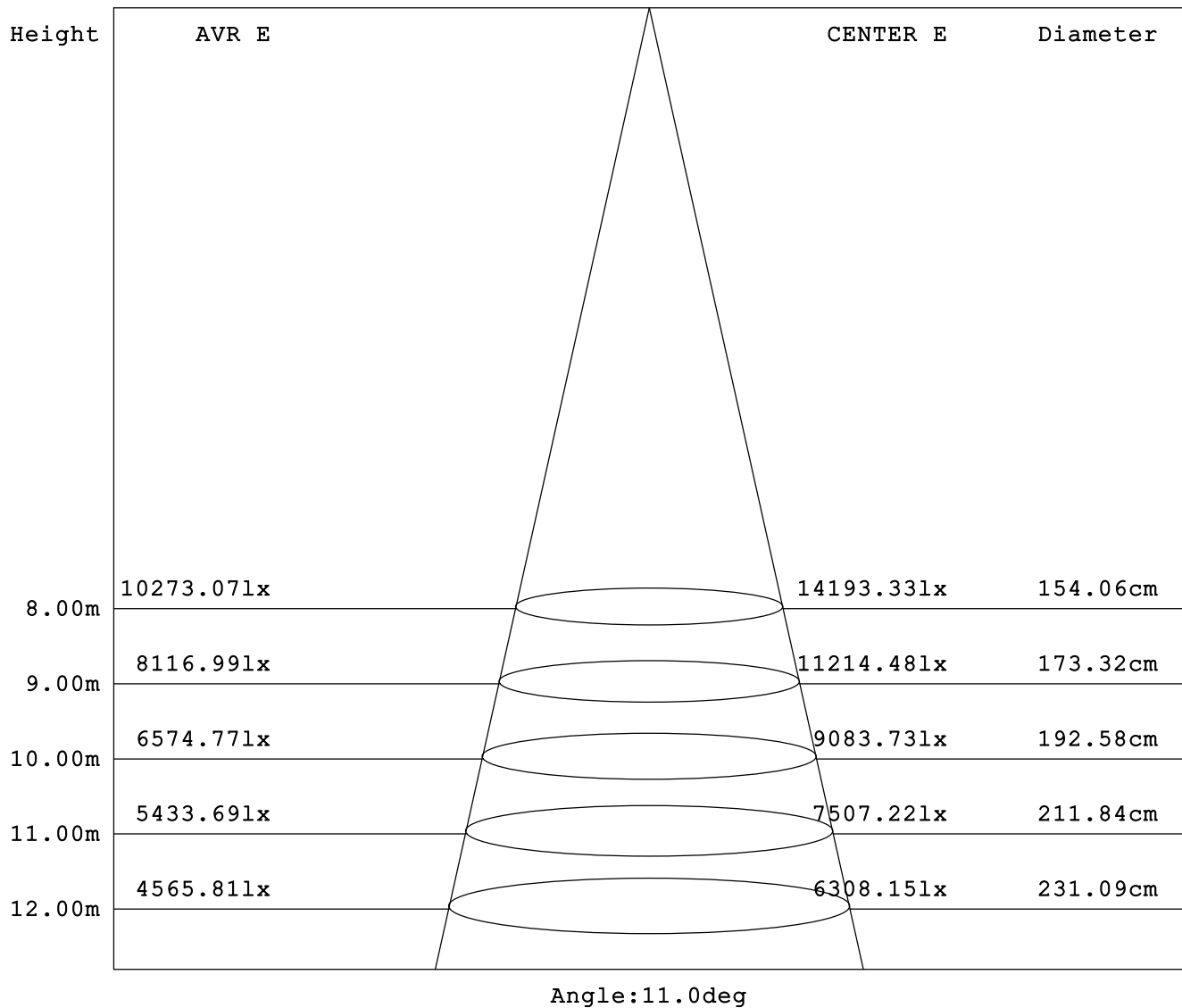
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2022.06.30

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	4744	4941	4557	4651	5516	5339	5646	5515	0- 5	16585	16585
10.0	1467	1540	1470	1471	1707	1565	1466	1587	5- 10	20219	36804
15.0	563.4	593.5	560.7	551.4	619.3	595.8	623.1	609.6	10- 15	11582	48386
20.0	265.8	273.3	266.4	256.4	282.1	271.6	282.8	275.9	15- 20	6450	54837
25.0	174.6	180.5	183.6	176.7	186.6	179.3	185.2	179.3	20- 25	4564	59400
30.0	141.1	144.2	142.3	139.0	143.0	141.0	143.5	142.5	25- 30	4070	63470
35.0	121.3	123.1	122.4	118.9	120.2	119.7	121.0	120.7	30- 35	3800	67270
40.0	105.8	107.9	106.9	104.6	107.2	106.7	108.3	107.1	35- 40	3819	71089
45.0	78.45	80.05	78.88	77.56	81.56	80.63	82.53	80.97	40- 45	3485	74574
50.0	51.78	52.06	51.98	50.54	55.47	53.44	55.42	53.53	45- 50	2648	77222
55.0	35.23	35.03	35.40	34.14	37.27	35.79	37.49	35.77	50- 55	1887	79109
60.0	26.10	25.86	26.22	25.25	26.91	26.04	27.22	25.96	55- 60	1402	80511
65.0	20.45	20.39	20.82	19.87	21.56	20.62	21.48	20.99	60- 65	1130	81641
70.0	16.00	15.17	15.87	14.74	16.69	15.25	16.63	15.29	65- 70	905.6	82547
75.0	11.68	10.88	11.56	10.50	12.00	10.69	12.19	10.76	70- 75	696.8	83244
80.0	7.159	6.842	7.126	6.524	7.745	6.881	7.812	6.975	75- 80	483.6	83727
85.0	3.426	3.123	3.326	2.941	3.579	3.145	3.819	3.208	80- 85	277.3	84005
90.0	1.152	1.030	1.044	0.901	1.217	1.019	1.330	1.038	85- 90	111.4	84116
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	

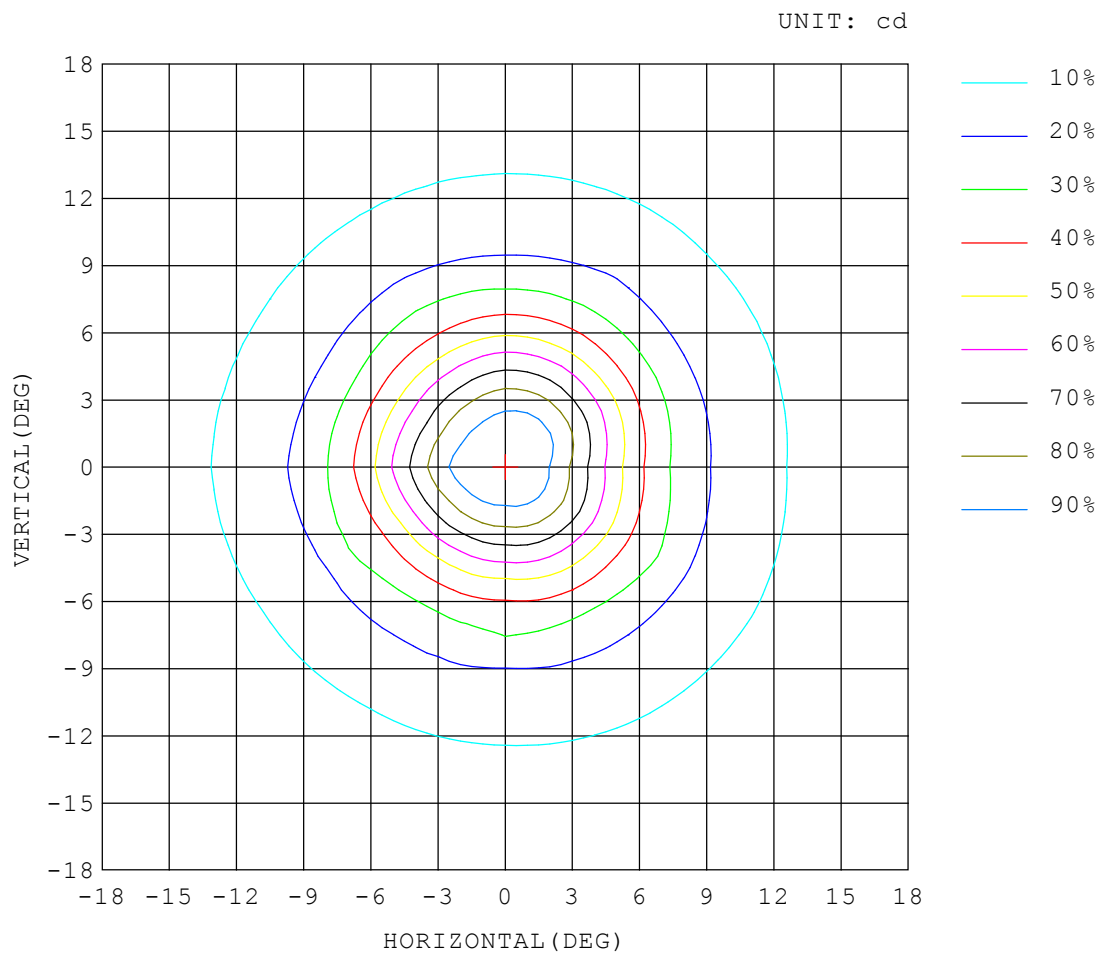
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ISOCANDELA DIAGRAM

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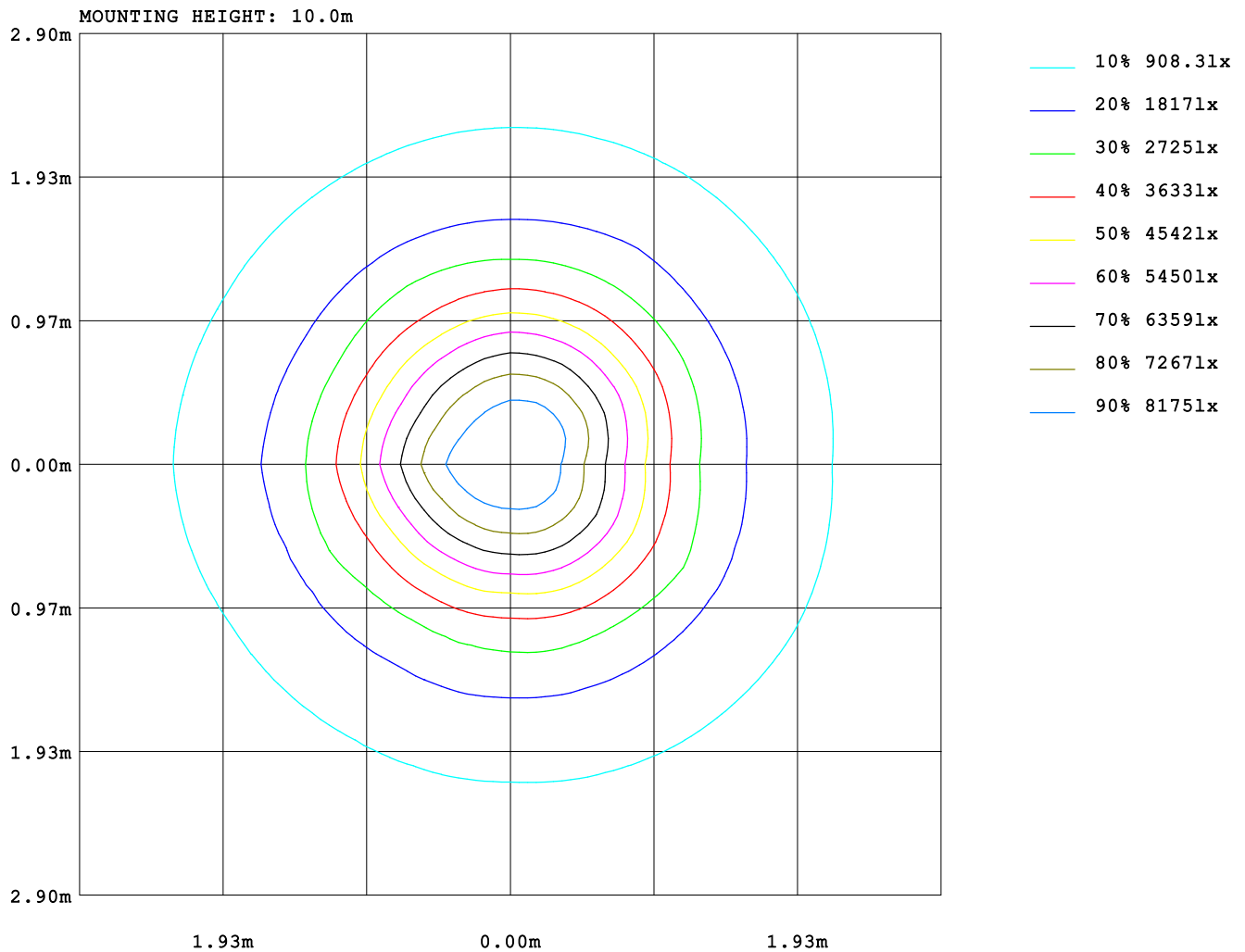
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: ×100cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	9042	9042	9042	9042	9042	9042	9042	9042	9042	9042	9042	9042
5.0	4744	5004	4878	4557	4534	4767	5516	5280	5398	5646	5647	5384
10.0	1467	1593	1487	1470	1444	1497	1707	1455	1676	1466	1737	1439
15.0	563	600	587	561	541	562	619	590	602	623	623	597
20.0	266	274	272	266	254	259	282	269	274	283	279	273
25.0	175	185	176	184	175	178	187	176	183	185	185	174
30.0	141	144	144	142	139	139	143	140	142	144	143	142
35.0	121	123	123	122	120	118	120	119	120	121	121	120
40.0	106	108	108	107	105	104	107	106	107	108	108	107
45.0	78.4	80.2	79.8	78.8	77.1	78.0	81.5	79.9	81.2	82.5	82.1	79.8
50.0	51.7	52.0	52.1	51.9	50.0	51.0	55.4	52.8	54.0	55.4	54.3	52.6
55.0	35.2	34.9	35.0	35.4	33.9	34.2	37.2	35.5	36.0	37.4	36.2	35.3
60.0	26.1	25.7	26.0	26.2	25.1	25.3	26.9	25.9	26.1	27.2	26.1	25.7
65.0	20.4	20.4	20.3	20.8	19.7	20.0	21.5	20.4	20.8	21.4	21.7	20.2
70.0	16.0	15.1	15.1	15.8	14.8	14.6	16.6	15.1	15.3	16.6	15.5	15.0
75.0	11.6	10.9	10.7	11.5	10.6	10.3	12.0	10.7	10.6	12.1	10.9	10.6
80.0	7.15	6.87	6.81	7.12	6.53	6.51	7.74	6.89	6.87	7.81	7.12	6.83
85.0	3.42	3.00	3.24	3.32	2.94	2.93	3.57	3.22	3.06	3.81	3.19	3.22
90.0	1.15	0.97	1.09	1.04	0.92	0.88	1.21	1.03	1.00	1.33	1.02	1.05

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