

## LUMINAIRE PHOTOMETRIC TEST REPORT

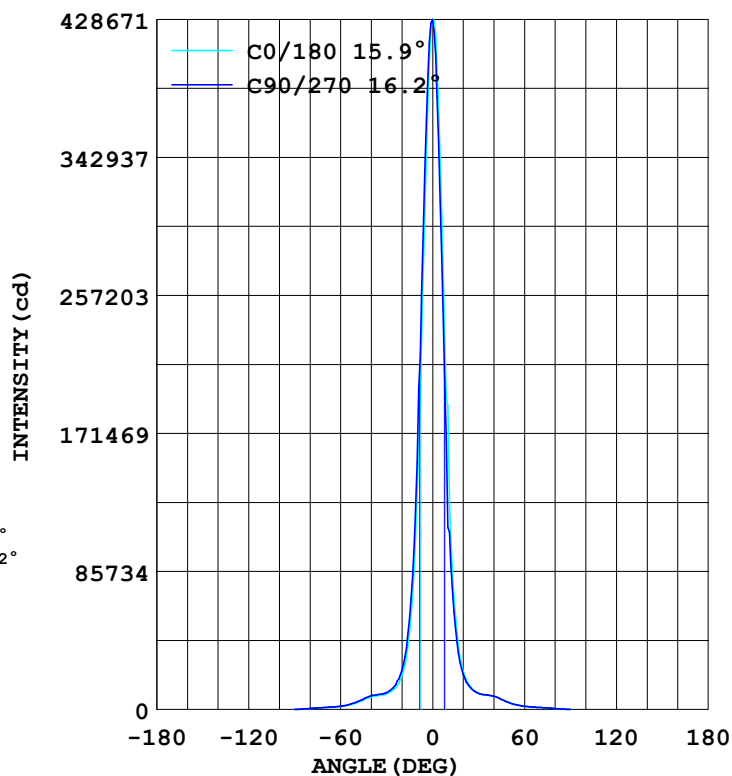
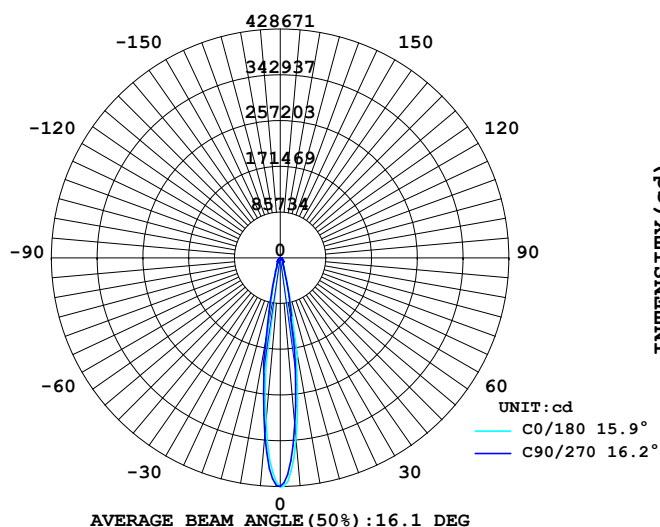
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L45040-15	WEIGHT:
SPECIFICATION: 3535LED 4000K 15°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	428671	S/MH (C0/180)	0.26
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.28
NOMINAL POWER (W)	450	TOTAL FLUX (lm)	63420	Voltage (V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	140.9	Current (A)	1.955
NOMINAL FLUX (lm)	63419.6	$\eta$ up (%)	0.0	Power (W)	450.1
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	230.9	Effective Flux (lm)	63419.6	EEI	0.106

### LUMINOUS INTENSITY DISTRIBUTION

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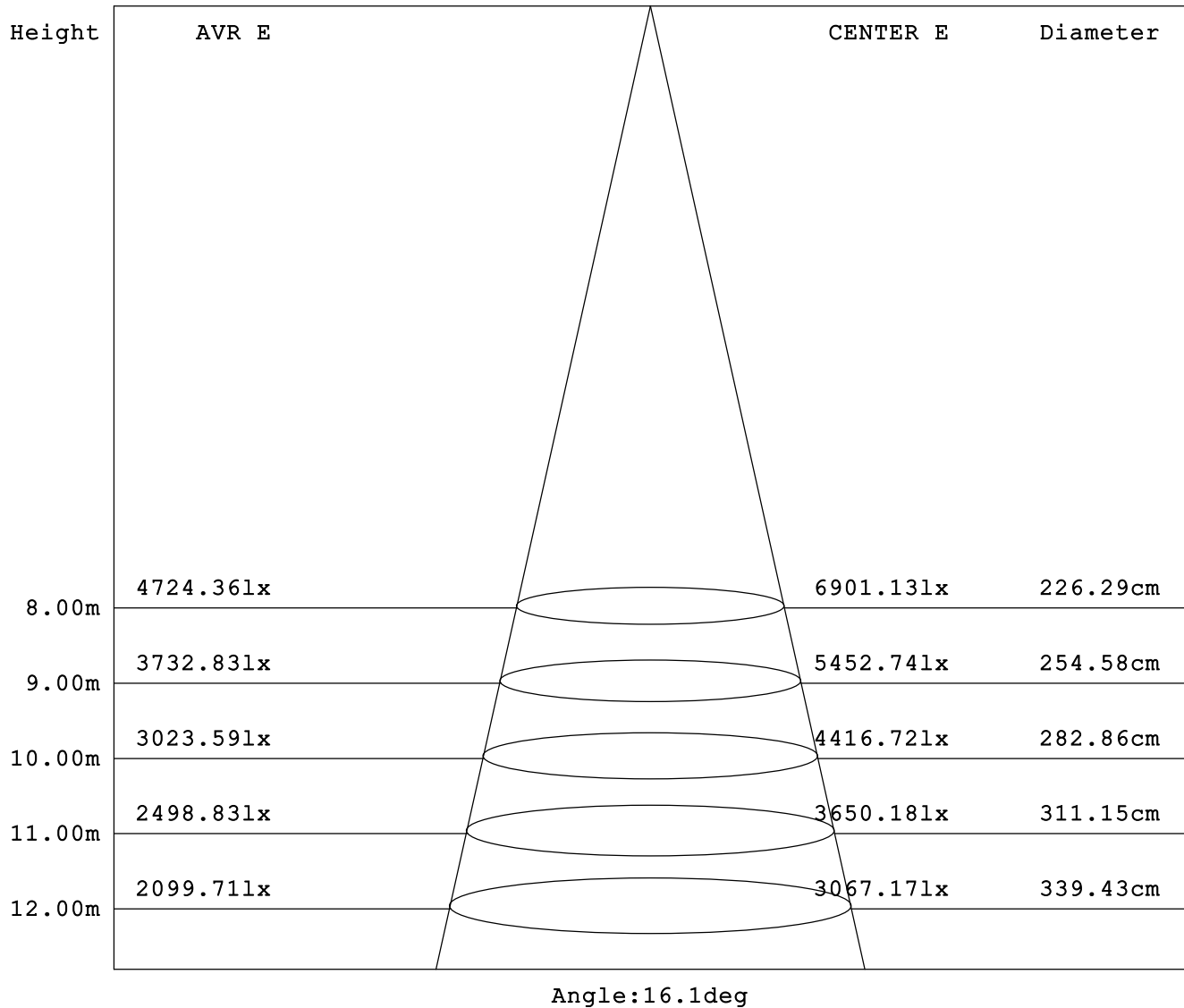
Test System:  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2022.06.30

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 15°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	3080	3335	3349	3245	3409	3186	3150	3263	0- 5	8971	8971
10.0	1346	1527	1530	1318	1890	1281	1130	1462	5- 10	16000	24971
15.0	472.9	564.7	560.4	523.9	578.1	505.7	501.8	516.5	10- 15	10490	35461
20.0	205.0	235.8	242.0	225.8	237.2	221.3	217.5	219.8	15- 20	5626	41088
25.0	125.4	134.9	142.9	135.1	139.9	132.2	131.8	132.4	20- 25	3602	44689
30.0	96.60	102.4	105.2	102.2	102.0	99.68	100.5	99.15	25- 30	2911	47601
35.0	87.28	91.02	93.51	91.63	89.74	90.41	91.04	89.34	30- 35	2782	50383
40.0	78.61	82.50	85.12	82.40	82.03	81.55	82.97	81.49	35- 40	2900	53283
45.0	59.34	63.78	65.76	62.57	63.76	61.37	62.80	62.40	40- 45	2699	55982
50.0	40.05	42.40	44.64	41.61	43.07	40.71	41.97	41.57	45- 50	2089	58071
55.0	26.51	27.80	29.41	27.50	28.84	26.84	28.11	27.41	50- 55	1486	59557
60.0	18.79	19.70	20.42	19.45	19.86	19.11	19.97	19.40	55- 60	1068	60625
65.0	14.93	15.39	16.78	15.27	15.99	14.93	15.71	15.25	60- 65	845.1	61470
70.0	12.14	11.61	12.86	11.65	12.77	11.32	12.97	11.53	65- 70	682.1	62152
75.0	9.267	8.831	10.10	8.805	10.12	8.513	10.00	8.647	70- 75	550.5	62703
80.0	5.713	5.838	6.612	5.683	6.456	5.496	6.146	5.605	75- 80	402.8	63106
85.0	2.528	2.649	2.930	2.565	2.989	2.394	2.664	2.433	80- 85	226.5	63332
90.0	1.305	1.119	0.958	0.775	0.952	0.702	0.819	0.827	85- 90	87.29	63420
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	

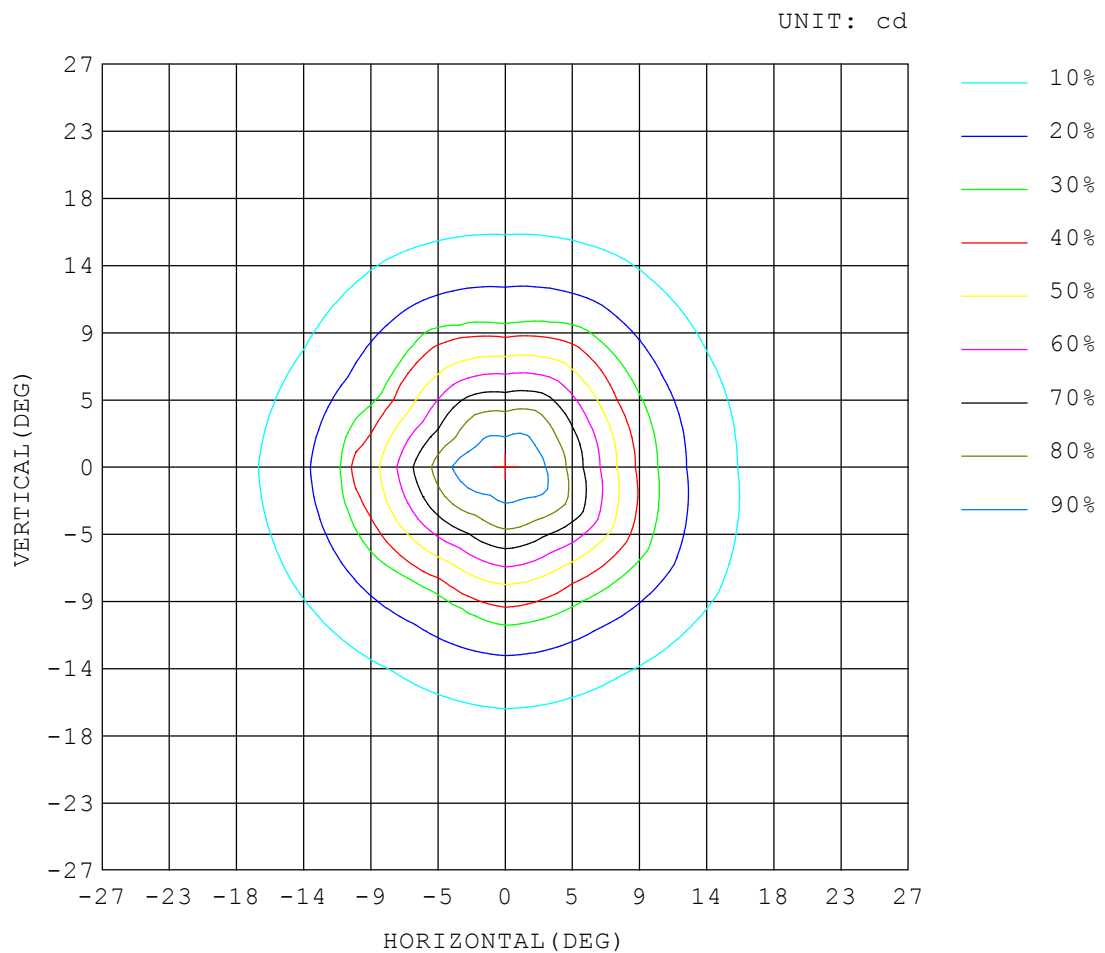
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## ISOCANDELA DIAGRAM

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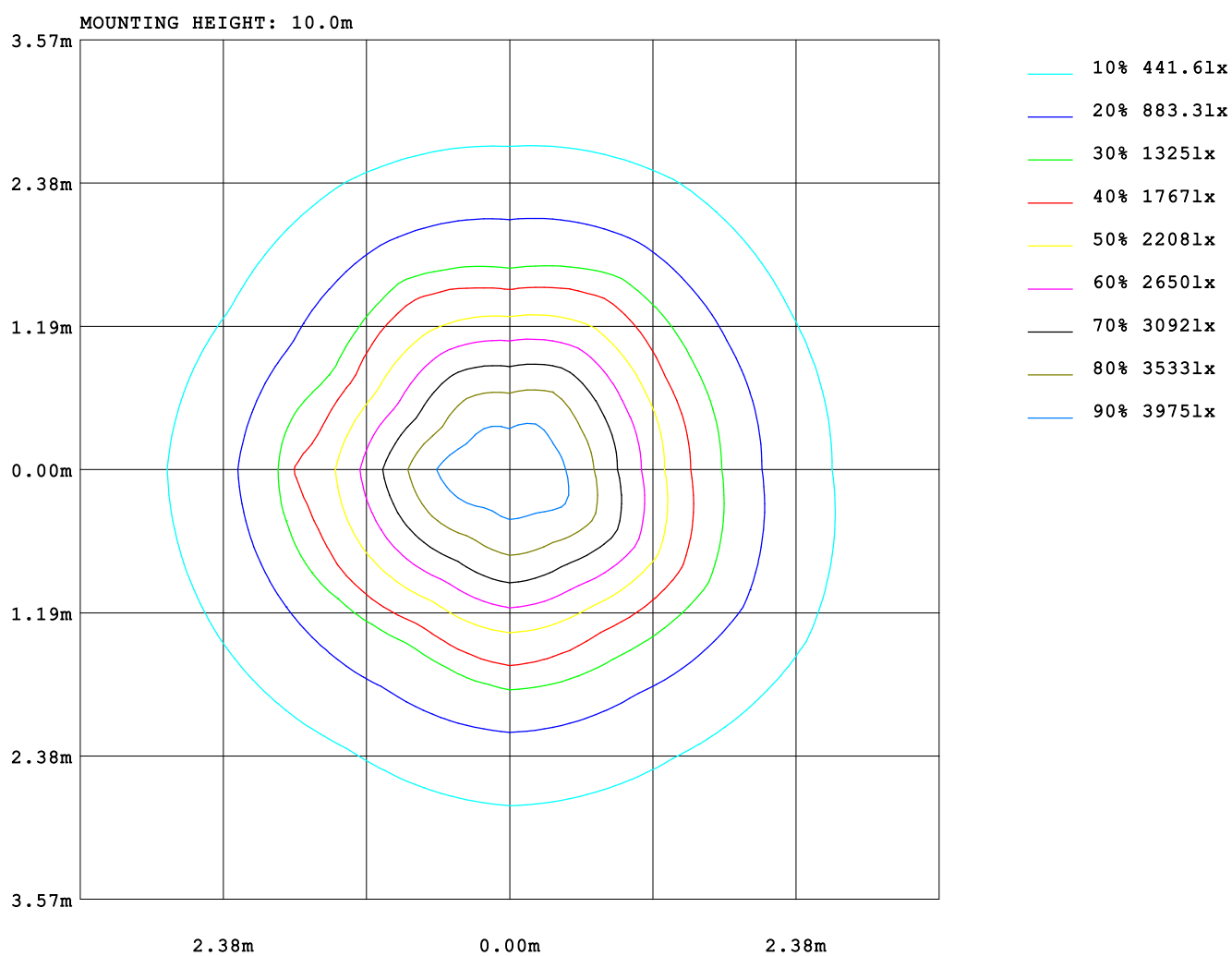
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: ILUMEN GMBH</b>	<b>Address:</b>	
<b>NAME: Draxler</b>	<b>TYPE: IL-SL14-L45040-15</b>	<b>WEIGHT:</b>
<b>SPECIFICATION: 3535LED 4000K 15°</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: ×100cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	4287	4287	4287	4287	4287	4287	4287	4287	4287	4287	4287	4287
5.0	3080	3417	3250	3349	3166	3324	3409	3109	3264	3150	3342	3186
10.0	1346	1590	1462	1530	1139	1495	1890	1104	1462	1130	1540	1385
15.0	473	590	539	560	495	553	578	481	531	502	549	485
20.0	205	241	230	242	219	232	237	213	230	218	228	212
25.0	125	139	131	143	132	138	140	128	137	132	137	128
30.0	96.6	102	103	105	101	103	102	98.2	101	101	100	97.8
35.0	87.2	89.9	92.1	93.5	91.7	91.5	89.7	89.6	91.2	91.0	89.8	88.8
40.0	78.6	82.0	82.9	85.1	81.9	82.8	82.0	80.2	82.8	82.9	82.7	80.2
45.0	59.3	64.2	63.3	65.7	61.5	63.5	63.7	59.6	63.1	62.8	64.2	60.6
50.0	40.0	42.7	42.0	44.6	41.0	42.2	43.0	39.5	41.9	41.9	42.7	40.3
55.0	26.5	28.0	27.5	29.4	27.1	27.8	28.8	26.0	27.6	28.1	28.2	26.5
60.0	18.7	19.6	19.7	20.4	19.2	19.6	19.8	18.7	19.4	19.9	19.8	18.9
65.0	14.9	15.5	15.2	16.7	15.0	15.5	15.9	14.5	15.3	15.7	15.7	14.7
70.0	12.1	11.6	11.5	12.8	11.7	11.6	12.7	11.1	11.5	12.9	11.8	11.2
75.0	9.26	8.90	8.75	10.1	8.85	8.75	10.1	8.40	8.62	10.0	8.90	8.39
80.0	5.71	5.98	5.68	6.61	5.68	5.68	6.45	5.37	5.61	6.14	5.88	5.33
85.0	2.52	2.67	2.62	2.93	2.48	2.64	2.98	2.33	2.45	2.66	2.58	2.28
90.0	1.30	1.09	1.14	0.96	0.73	0.82	0.95	0.69	0.71	0.82	0.75	0.90

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