

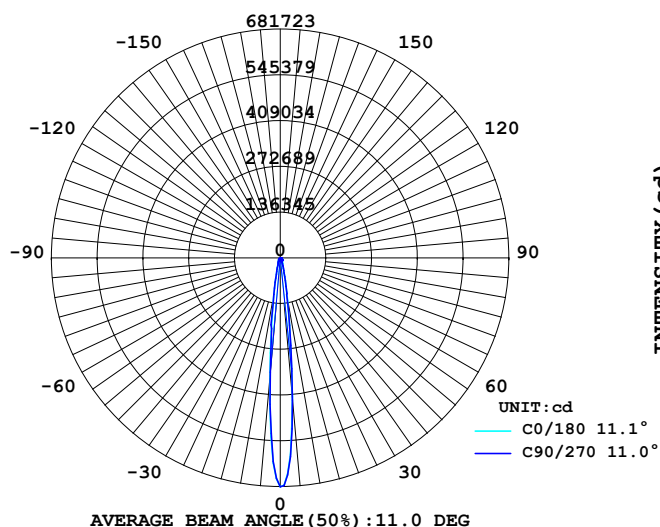
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

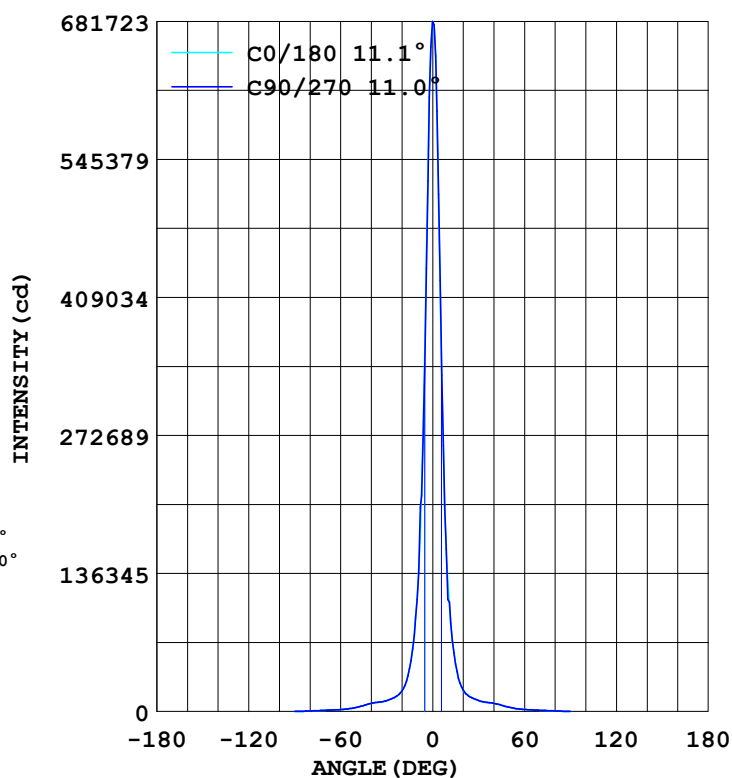
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L45040-12	WEIGHT:
SPECIFICATION: 3535LED 4000K 12°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	681723	S/MH (C0/180)	0.18
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.17
NOMINAL POWER(W)	450	TOTAL FLUX(lm)	63416	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	140.8	Current(A)	1.963
NOMINAL FLUX(lm)	63416.3	$\eta$ up (%)	0.0	Power(W)	450.3
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	63416.3	EEI	0.106

### LUMINOUS INTENSITY DISTRIBUTION



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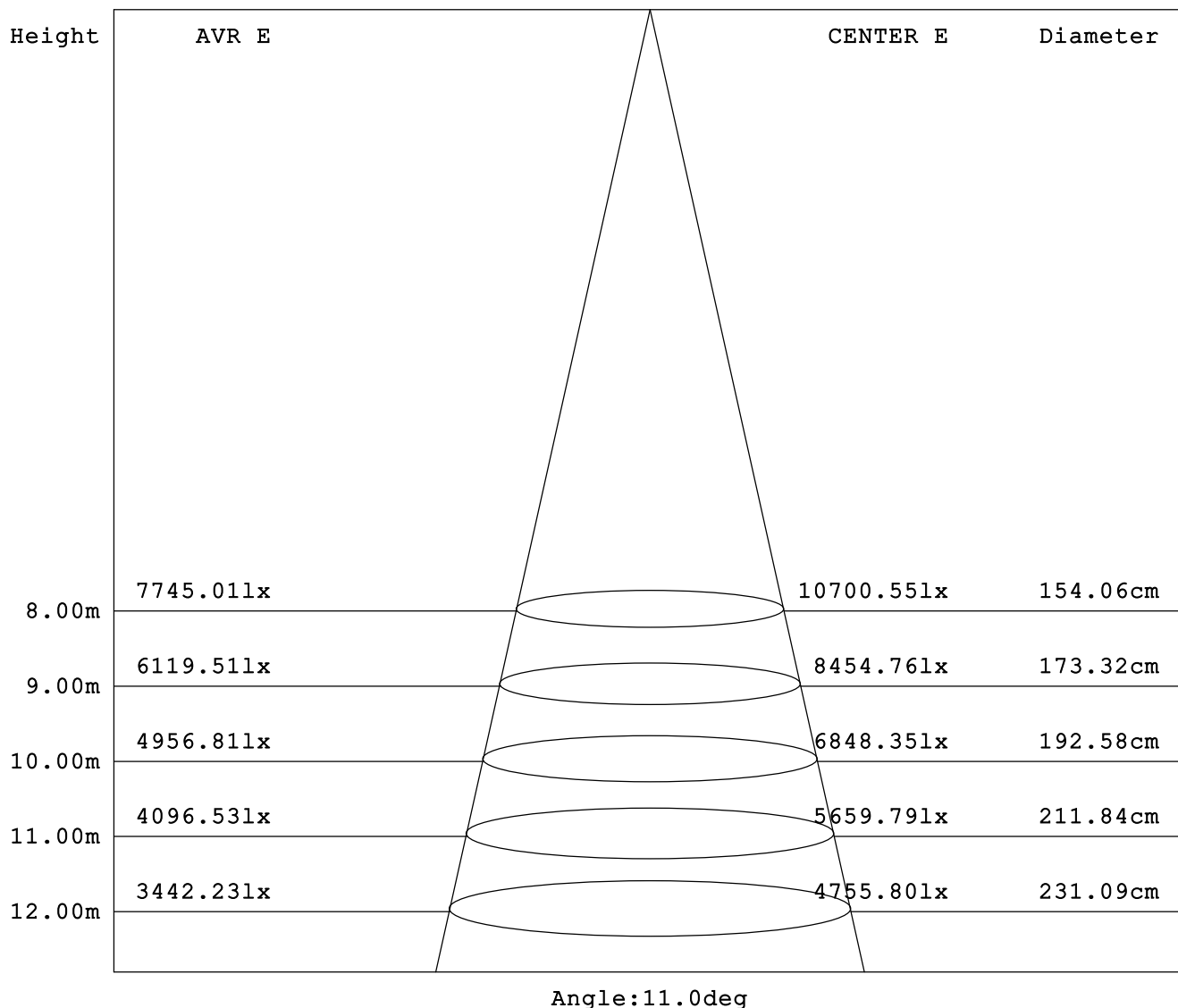
Test System:  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2022.06.30

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

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION: 3535LED 4000K 12°	DIMENSION:	SERIAL No.:



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## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L45040-12	WEIGHT:
SPECIFICATION: 3535LED 4000K 12°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	3577	3725	3435	3506	4158	4025	4257	4158	0- 5	12504	12504
10.0	1106	1161	1108	1109	1287	1180	1105	1197	5- 10	15243	27747
15.0	424.7	447.5	422.7	415.7	466.9	449.1	469.8	459.6	10- 15	8732	36479
20.0	200.4	206.0	200.8	193.3	212.7	204.8	213.2	208.0	15- 20	4863	41342
25.0	131.6	136.1	138.4	133.2	140.7	135.1	139.6	135.2	20- 25	3441	44783
30.0	106.4	108.7	107.2	104.8	107.8	106.3	108.1	107.4	25- 30	3068	47851
35.0	91.45	92.84	92.31	89.66	90.63	90.29	91.24	91.00	30- 35	2865	50716
40.0	79.81	81.40	80.61	78.86	80.83	80.49	81.69	80.77	35- 40	2879	53595
45.0	59.15	60.35	59.47	58.47	61.49	60.79	62.22	61.04	40- 45	2627	56222
50.0	39.04	39.25	39.19	38.10	41.82	40.29	41.78	40.36	45- 50	1996	58219
55.0	26.56	26.41	26.69	25.74	28.10	26.98	28.27	26.97	50- 55	1423	59641
60.0	19.67	19.49	19.77	19.03	20.28	19.63	20.52	19.57	55- 60	1057	60698
65.0	15.42	15.37	15.70	14.98	16.25	15.55	16.19	15.82	60- 65	852.2	61550
70.0	12.06	11.43	11.96	11.11	12.58	11.50	12.54	11.53	65- 70	682.8	62233
75.0	8.807	8.204	8.721	7.920	9.051	8.062	9.194	8.116	70- 75	525.3	62759
80.0	5.397	5.158	5.372	4.918	5.839	5.188	5.889	5.259	75- 80	364.6	63123
85.0	2.583	2.355	2.507	2.217	2.698	2.371	2.879	2.419	80- 85	209.0	63332
90.0	0.869	0.777	0.787	0.679	0.918	0.769	1.002	0.783	85- 90	84.03	63416
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	

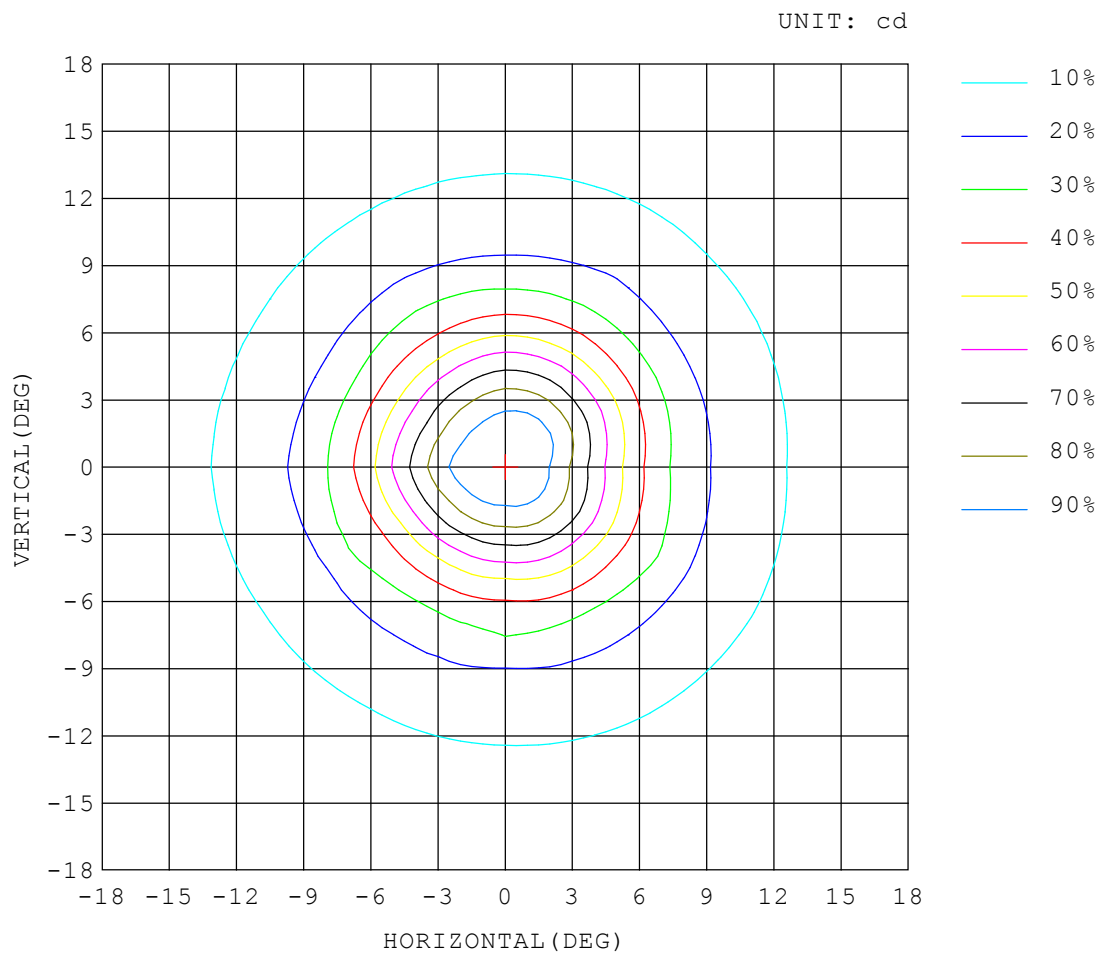
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## ISOCANDELA DIAGRAM

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NAME: Draxler	TYPE: IL-SL14-L45040-12	WEIGHT:
SPECIFICATION: 3535LED 4000K 12°	DIMENSION:	SERIAL No.:



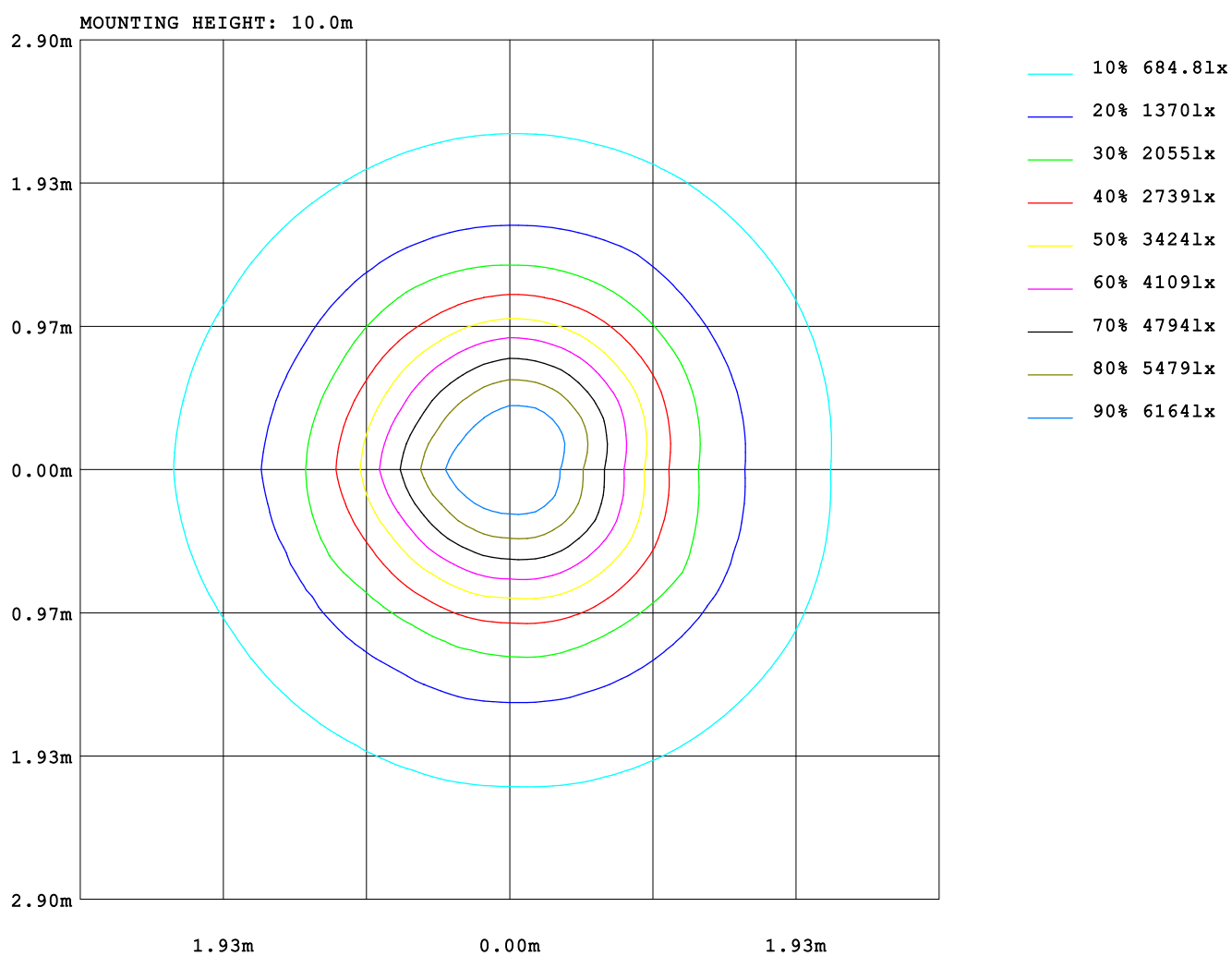
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Operators:  
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## ISOLUX DIAGRAM

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



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Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: ILUMEN GMBH</b>	<b>Address:</b>	
<b>NAME: Draxler</b>	<b>TYPE:IL-SL14-L45040-12</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:3535LED 4000K 12°</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	6817	6817	6817	6817	6817	6817	6817	6817	6817	6817	6817	6817
5.0	3577	3772	3678	3435	3418	3594	4158	3981	4070	4257	4258	4059
10.0	1106	1201	1121	1108	1089	1128	1287	1097	1263	1105	1309	1085
15.0	425	452	443	423	408	424	467	445	454	470	469	450
20.0	200	207	205	201	192	195	213	203	206	213	211	205
25.0	132	139	133	138	132	134	141	132	138	140	139	131
30.0	106	109	109	107	105	105	108	106	107	108	108	107
35.0	91.4	92.7	92.9	92.3	90.2	89.0	90.6	90.0	90.5	91.2	91.1	90.8
40.0	79.8	81.3	81.4	80.6	79.0	78.6	80.8	80.2	80.7	81.6	81.2	80.3
45.0	59.1	60.4	60.2	59.4	58.1	58.8	61.4	60.2	61.2	62.2	61.9	60.1
50.0	39.0	39.2	39.2	39.1	37.7	38.4	41.8	39.8	40.7	41.7	41.0	39.7
55.0	26.5	26.3	26.4	26.6	25.6	25.8	28.1	26.7	27.1	28.2	27.3	26.6
60.0	19.6	19.3	19.6	19.7	18.9	19.1	20.2	19.5	19.7	20.5	19.7	19.4
65.0	15.4	15.4	15.3	15.7	14.8	15.1	16.2	15.3	15.7	16.1	16.4	15.2
70.0	12.0	11.4	11.4	11.9	11.2	11.0	12.5	11.4	11.5	12.5	11.7	11.3
75.0	8.80	8.26	8.13	8.72	8.01	7.82	9.05	8.10	8.01	9.19	8.22	8.00
80.0	5.39	5.17	5.13	5.37	4.92	4.90	5.83	5.19	5.17	5.88	5.36	5.15
85.0	2.58	2.26	2.44	2.50	2.21	2.21	2.69	2.43	2.31	2.87	2.40	2.43
90.0	0.87	0.73	0.82	0.79	0.70	0.66	0.92	0.78	0.76	1.00	0.77	0.79

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