

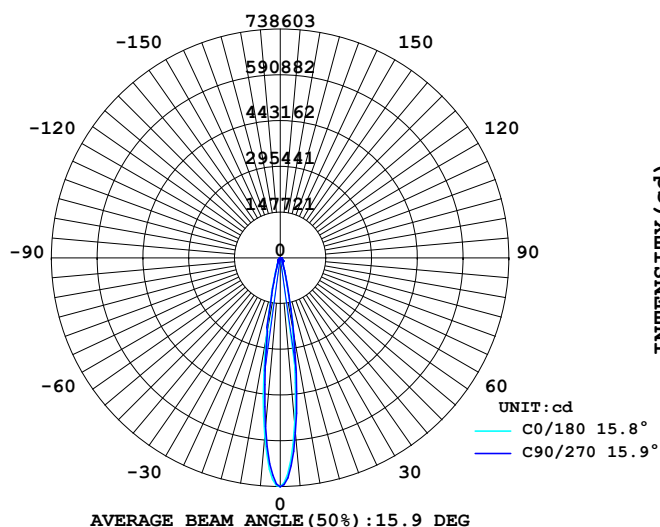
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

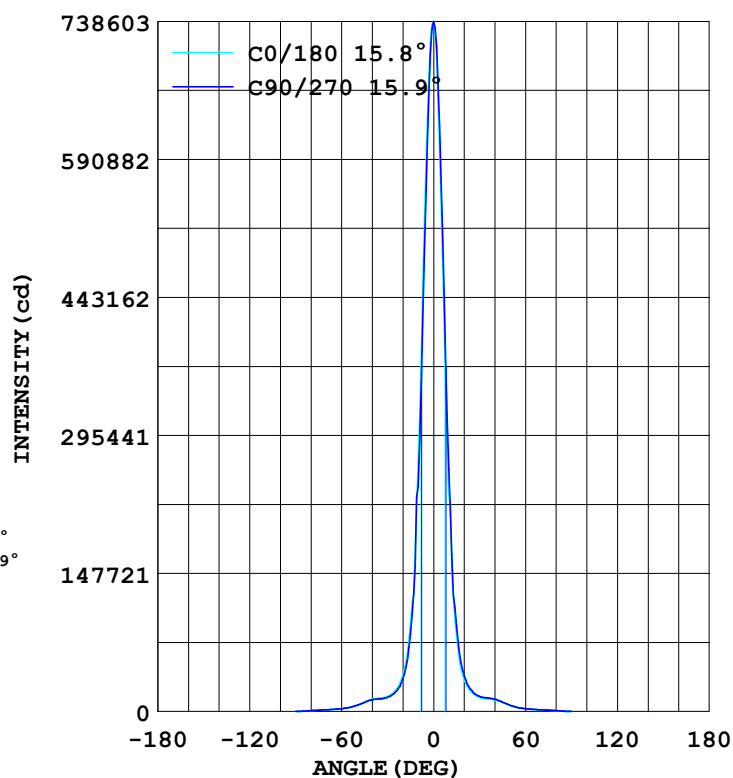
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L80040-15	WEIGHT:
SPECIFICATION: 3535LED 4000K 15°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	738603	S/MH (C0/180)	0.28
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.27
NOMINAL POWER (W)	800	TOTAL FLUX (lm)	104552	Voltage (V)	229.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	130.3	Current (A)	3.515
NOMINAL FLUX (lm)	104552.0	η up (%)	0.0	Power (W)	802.4
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	229.4	Effective Flux (lm)	104552.0	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



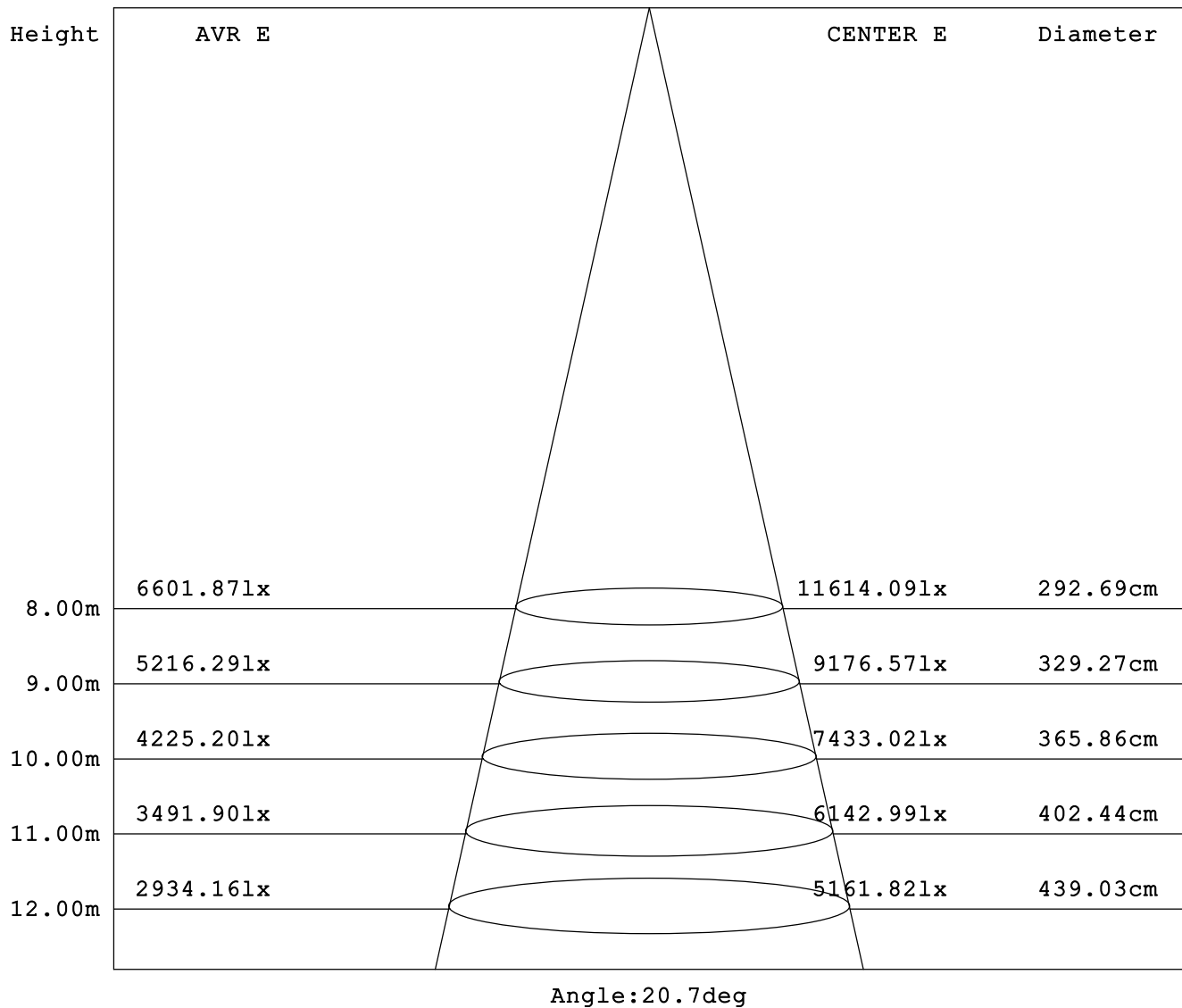
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2022.06.30

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION: 3535LED 4000K 15°	DIMENSION:	SERIAL No.:



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 Temperature: 25.3DEG
 Operators:
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L80040-15	WEIGHT:
SPECIFICATION: 3535LED 4000K 15°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	5800	5686	5457	5471	5378	5441	5653	5694	0- 5	15425	15425
10.0	2655	2565	2403	2390	2298	2381	2588	2616	5- 10	27226	42651
15.0	936.4	891.0	824.7	816.0	807.9	839.1	916.3	942.9	10- 15	17826	60477
20.0	391.3	372.1	348.1	343.9	339.0	352.8	380.8	389.9	15- 20	9197	69674
25.0	223.5	214.3	204.4	201.8	202.1	209.6	223.2	225.0	20- 25	5736	75410
30.0	161.0	155.2	150.8	149.1	151.8	155.5	161.8	164.0	25- 30	4550	79960
35.0	143.9	138.8	134.3	133.2	136.1	140.6	145.6	146.3	30- 35	4293	84253
40.0	132.2	128.7	125.4	123.8	125.7	128.7	133.0	132.7	35- 40	4514	88767
45.0	102.0	100.3	98.10	96.38	97.92	98.20	100.9	101.0	40- 45	4259	93026
50.0	68.49	67.10	66.15	64.50	65.44	64.32	66.51	66.11	45- 50	3304	96331
55.0	44.71	43.75	43.15	42.14	42.25	42.11	43.96	43.16	50- 55	2326	98657
60.0	30.95	30.57	30.11	29.71	30.23	29.79	30.61	30.21	55- 60	1657	100313
65.0	24.41	24.02	23.91	23.24	23.75	23.06	23.97	23.37	60- 65	1305	101618
70.0	19.16	18.10	18.57	17.21	18.66	17.22	18.92	17.53	65- 70	1036	102654
75.0	14.51	13.52	14.48	12.94	14.18	12.81	14.63	13.18	70- 75	823.6	103478
80.0	9.783	8.890	9.323	8.463	8.862	8.168	9.290	8.600	75- 80	604.0	104082
85.0	4.617	3.929	4.115	3.687	3.807	3.478	4.227	3.778	80- 85	339.3	104421
90.0	1.610	1.304	1.319	1.173	1.155	1.049	1.333	1.201	85- 90	130.4	104552
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

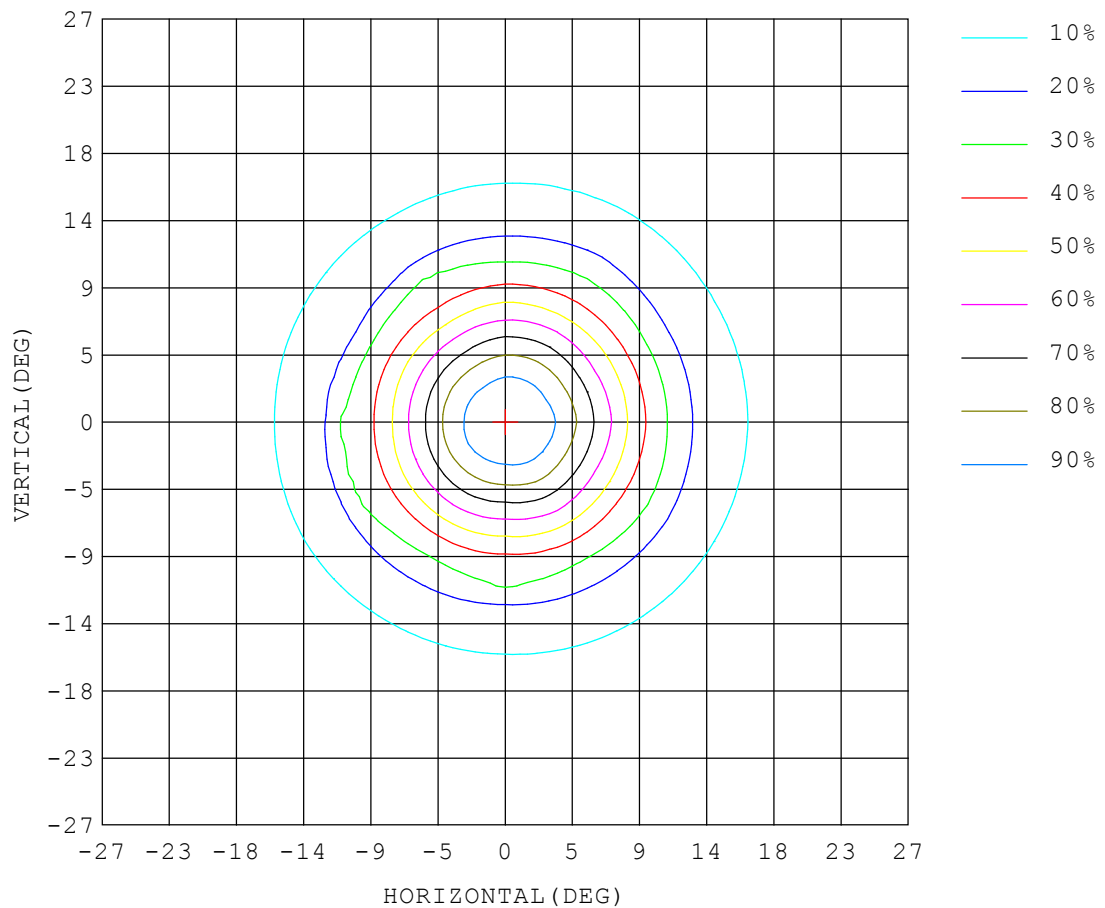
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 3535LED 4000K 15°	DIMENSION:	SERIAL No.:

UNIT: cd



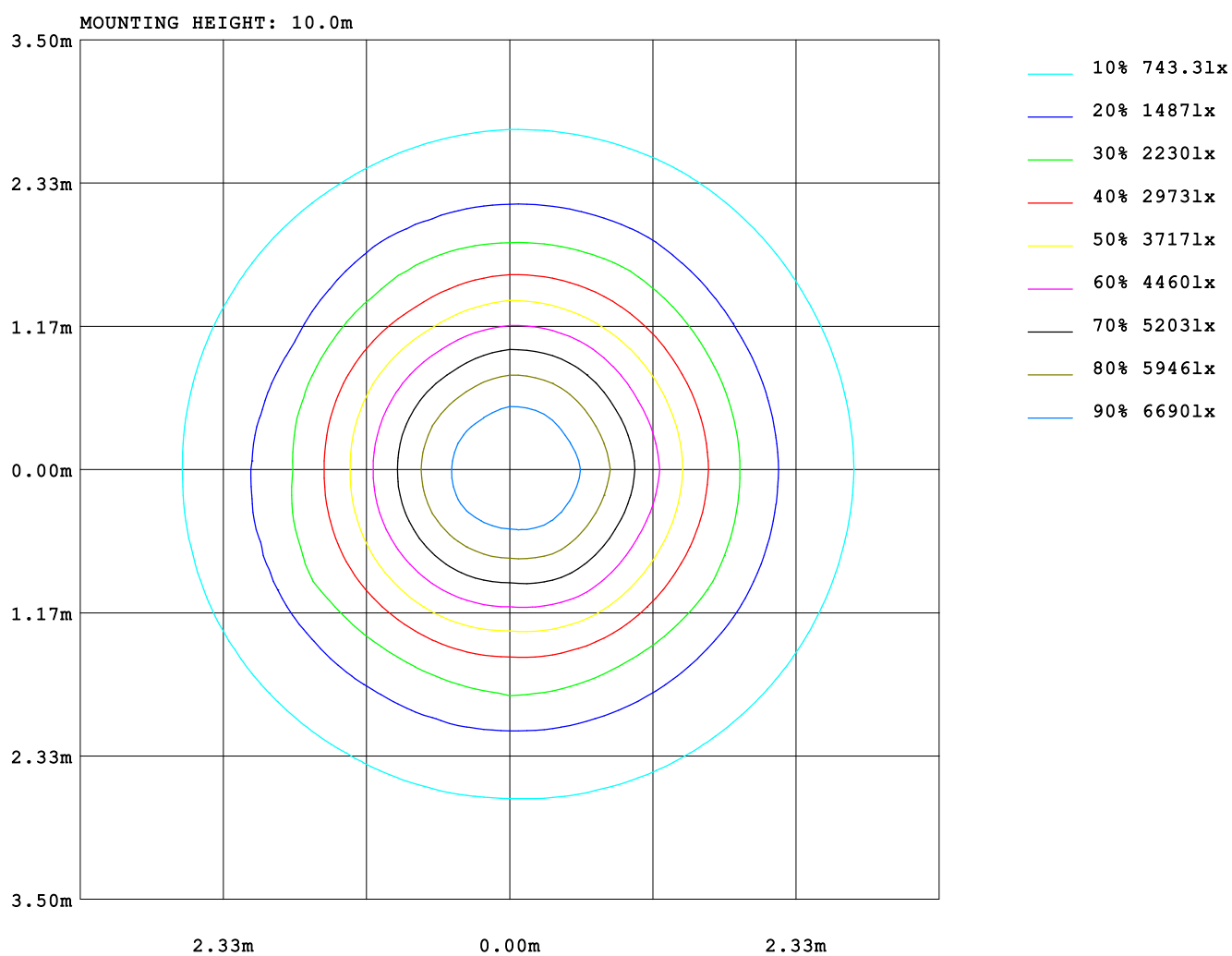
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2022.06.30

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
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ISOLUX DIAGRAM

Report number:

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NAME: Draxler	TYPE: IL-SL14-L80040-15	WEIGHT:
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LUMINOUS DISTRIBUTION INTENSITY DATA

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MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION:3535LED 4000K 15°	DIMENSION:	SERIAL No.:

UNIT: ×100cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	7386	7386	7386	7386	7386	7386	7386	7386	7386	7386	7386	7386
5.0	5800	5665	5707	5457	5500	5443	5378	5425	5456	5653	5702	5686
10.0	2655	2587	2543	2403	2382	2397	2298	2384	2378	2588	2600	2633
15.0	936	906	876	825	810	822	808	824	854	916	951	935
20.0	391	379	365	348	341	347	339	346	360	381	392	387
25.0	224	217	212	204	200	203	202	207	212	223	225	225
30.0	161	158	152	151	148	150	152	152	159	162	165	163
35.0	144	140	137	134	133	134	136	139	143	146	147	146
40.0	132	130	128	125	123	124	126	128	130	133	133	133
45.0	102	101	99.6	98.1	96.1	96.6	97.9	97.3	99.1	101	102	100
50.0	68.4	67.4	66.7	66.1	64.4	64.5	65.4	63.8	64.8	66.5	66.4	65.7
55.0	44.7	44.0	43.4	43.1	42.3	41.9	42.2	42.0	42.1	43.9	43.2	43.0
60.0	30.9	30.5	30.6	30.1	29.6	29.7	30.2	29.7	29.8	30.6	30.2	30.1
65.0	24.4	24.0	24.0	23.9	23.2	23.2	23.7	22.9	23.1	23.9	23.6	23.1
70.0	19.1	18.5	17.6	18.5	17.2	17.1	18.6	17.0	17.4	18.9	17.8	17.1
75.0	14.5	13.7	13.2	14.4	13.1	12.7	14.1	12.8	12.7	14.6	13.2	13.0
80.0	9.78	8.98	8.79	9.32	8.52	8.40	8.86	8.10	8.23	9.29	8.68	8.51
85.0	4.61	3.83	4.02	4.11	3.73	3.64	3.80	3.55	3.40	4.22	3.68	3.87
90.0	1.61	1.24	1.36	1.31	1.19	1.14	1.15	1.06	1.03	1.33	1.14	1.25

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