

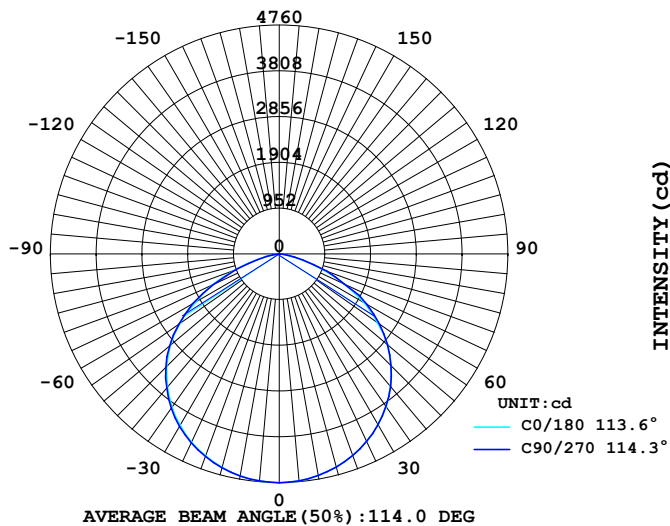
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

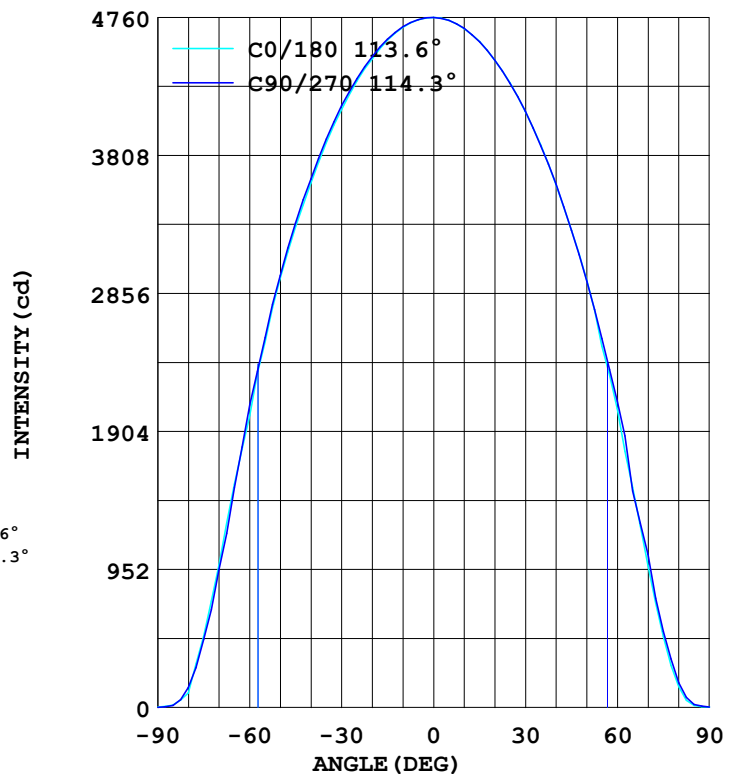
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	4760	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.29
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	13173	Voltage(V)	230.6
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	130.3	Current(A)	0.450
NOMINAL FLUX(lm)	13173.3	η up(%)	0.0	Power(W)	101.0
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.974
TEST VOLTAGE(V)	230.7	Effective Flux(lm)	13173.3	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



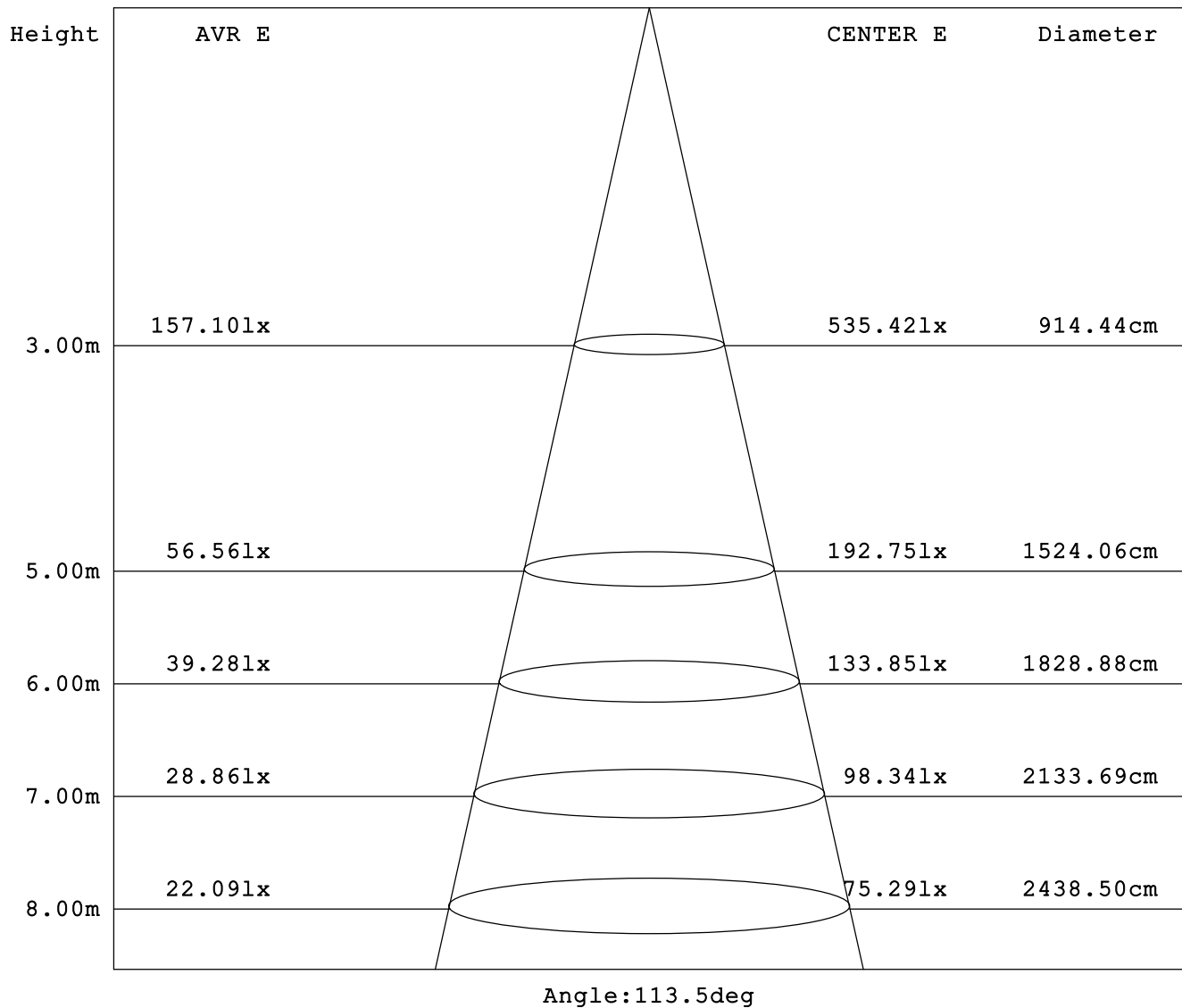
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

Test Set: 6.0deg/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

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	4742	4742	4743	4739	4738	4737	4738	4739	0- 5	113.5	113.5
10.0	4690	4694	4694	4687	4681	4680	4682	4686	5- 10	337.2	450.7
15.0	4601	4607	4608	4597	4592	4589	4591	4597	10- 15	550.7	1001
20.0	4474	4488	4489	4472	4465	4460	4464	4472	15- 20	747.5	1749
25.0	4322	4333	4336	4315	4308	4298	4303	4313	20- 25	921.7	2671
30.0	4125	4140	4151	4123	4110	4101	4111	4116	25- 30	1068	3739
35.0	3894	3910	3919	3890	3880	3863	3874	3879	30- 35	1180	4918
40.0	3618	3637	3645	3617	3603	3594	3607	3612	35- 40	1252	6170
45.0	3315	3334	3340	3314	3289	3278	3289	3296	40- 45	1282	7452
50.0	2958	2984	2976	2962	2944	2933	2938	2950	45- 50	1267	8719
55.0	2522	2583	2550	2570	2491	2535	2544	2548	50- 55	1199	9918
60.0	2013	2101	2087	2096	2060	2087	2114	2100	55- 60	1072	10990
65.0	1540	1589	1515	1571	1518	1584	1494	1584	60- 65	886.1	11876
70.0	983.8	1055	952.4	1048	979.8	1054	1056	1058	65- 70	654.0	12530
75.0	490.1	556.7	469.9	558.0	488.3	560.7	523.9	563.3	70- 75	406.2	12936
80.0	101.2	219.2	137.8	216.2	144.2	190.7	171.5	188.2	75- 80	184.0	13120
85.0	16.64	22.48	14.50	24.05	14.09	25.46	21.15	24.09	80- 85	47.30	13168
90.0	3.729	2.890	1.385	2.971	2.910	3.670	4.157	3.575	85- 90	5.712	13173
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:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020.12.14

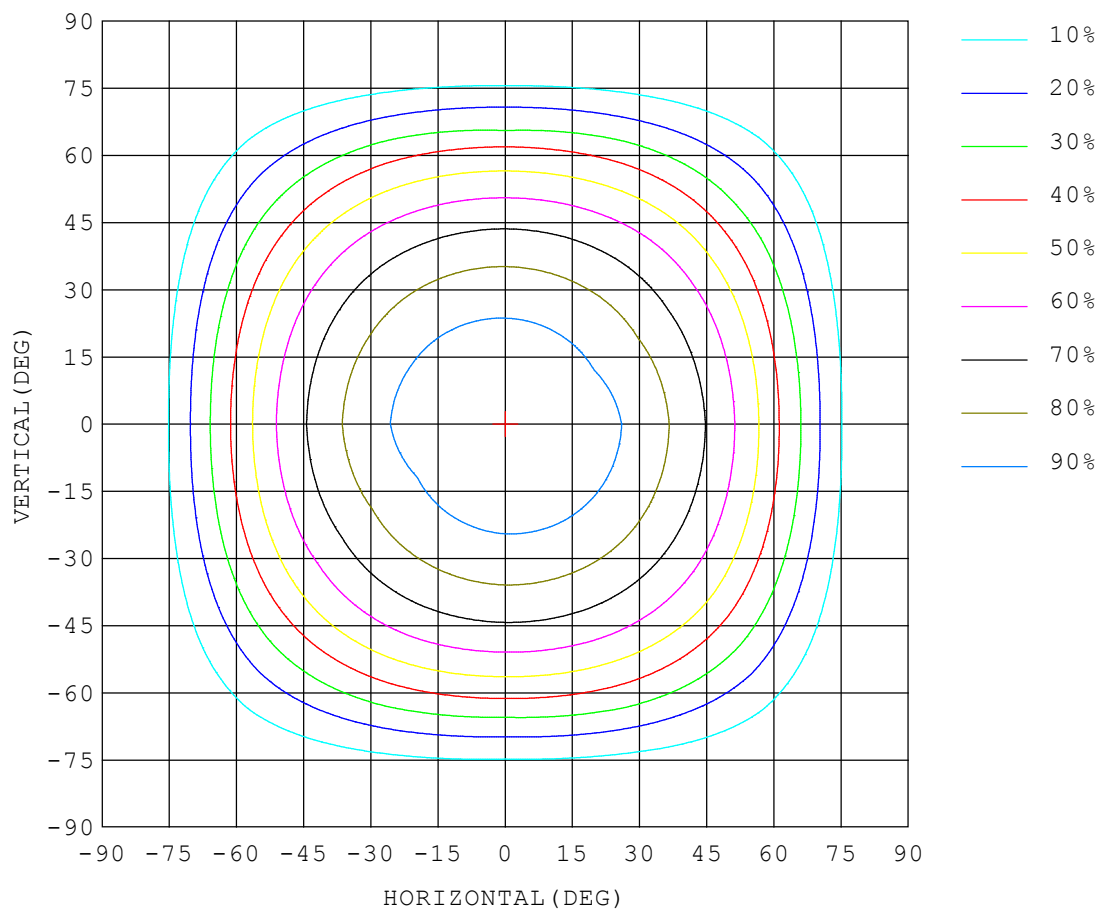
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 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
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SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

UNIT: cd



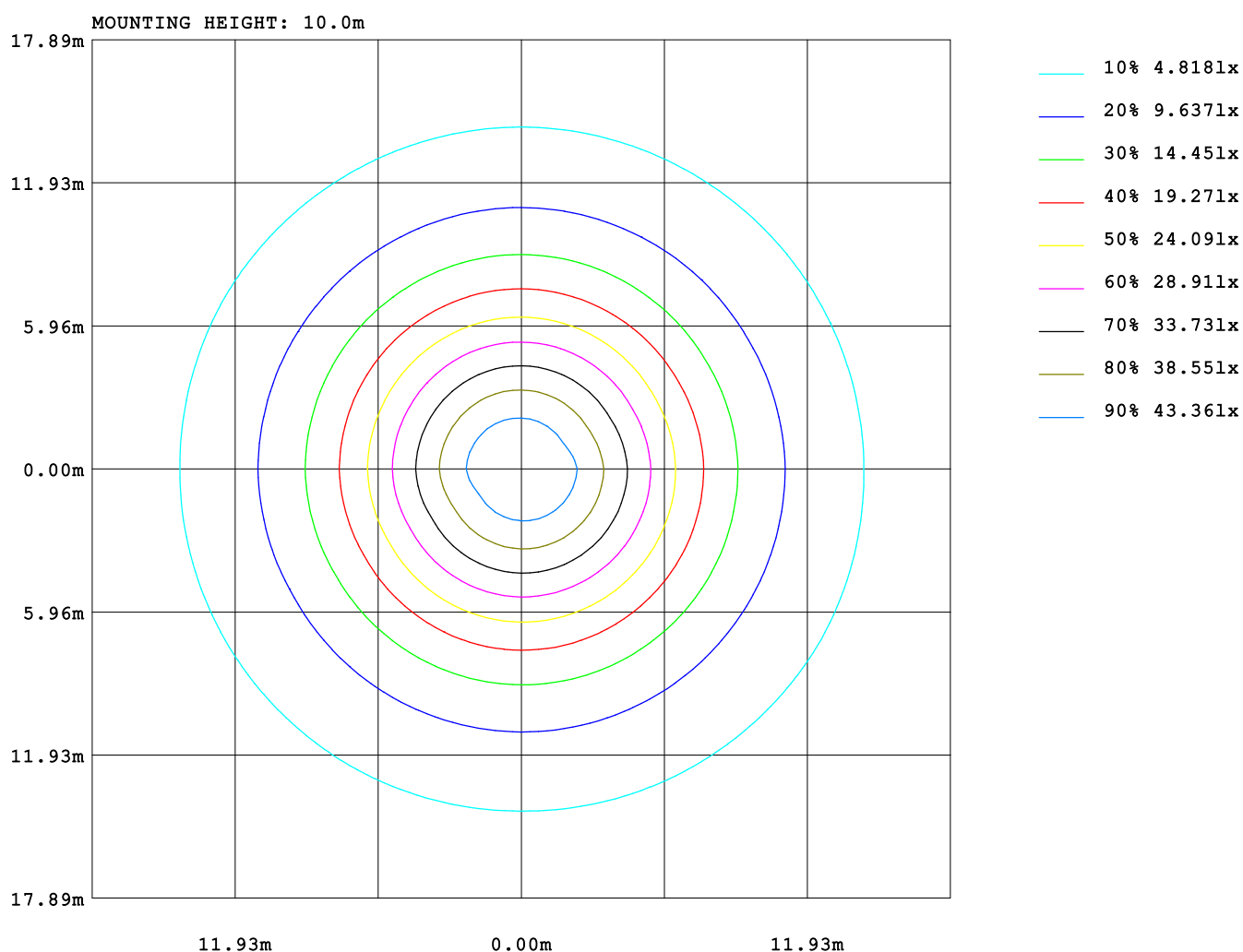
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 Temperature: 25.3 DEG
 Operators:
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Test Set: 6.0 deg/s C-Gamma (TYPE C)
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 Test Distance: 10.000 m
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ISOLUX DIAGRAM

Report number:

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	4760	4760	4760	4760	4760	4760	4760	4760	4760	4760	4760	4760
5.0	4742	4742	4742	4743	4741	4738	4738	4737	4736	4738	4738	4740
10.0	4690	4695	4694	4694	4690	4684	4681	4678	4682	4682	4685	4688
15.0	4601	4606	4609	4608	4602	4592	4592	4587	4591	4591	4596	4598
20.0	4474	4488	4488	4489	4477	4468	4465	4460	4460	4464	4469	4476
25.0	4322	4330	4335	4336	4323	4306	4308	4296	4300	4303	4312	4313
30.0	4125	4141	4140	4151	4131	4116	4110	4101	4100	4111	4112	4120
35.0	3894	3908	3912	3919	3899	3881	3880	3862	3864	3874	3874	3885
40.0	3618	3632	3642	3645	3628	3605	3603	3593	3594	3607	3606	3617
45.0	3315	3327	3340	3340	3328	3300	3289	3279	3277	3289	3293	3300
50.0	2958	2977	2990	2976	2975	2948	2944	2934	2933	2938	2943	2957
55.0	2522	2592	2574	2550	2573	2566	2491	2538	2532	2544	2540	2556
60.0	2013	2107	2094	2087	2094	2097	2060	2068	2106	2114	2110	2089
65.0	1540	1594	1584	1515	1565	1577	1518	1549	1620	1494	1621	1547
70.0	984	1092	1019	952	1016	1080	980	1061	1046	1056	1047	1068
75.0	490	601	512	470	525	591	488	574	547	524	547	580
80.0	101	264	174	138	166	267	144	198	183	172	181	196
85.0	16.6	21.2	23.7	14.5	24.2	23.8	14.0	30.6	20.2	21.1	19.8	28.3
90.0	3.72	1.83	3.95	1.38	4.08	1.85	2.91	4.85	2.48	4.15	2.41	4.74

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