

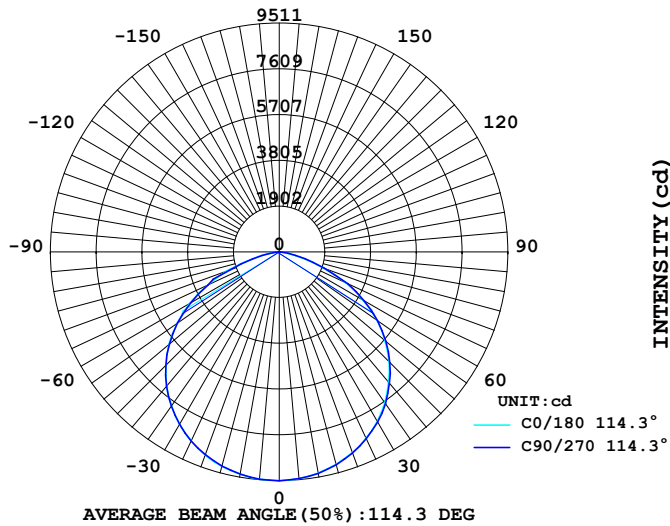
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

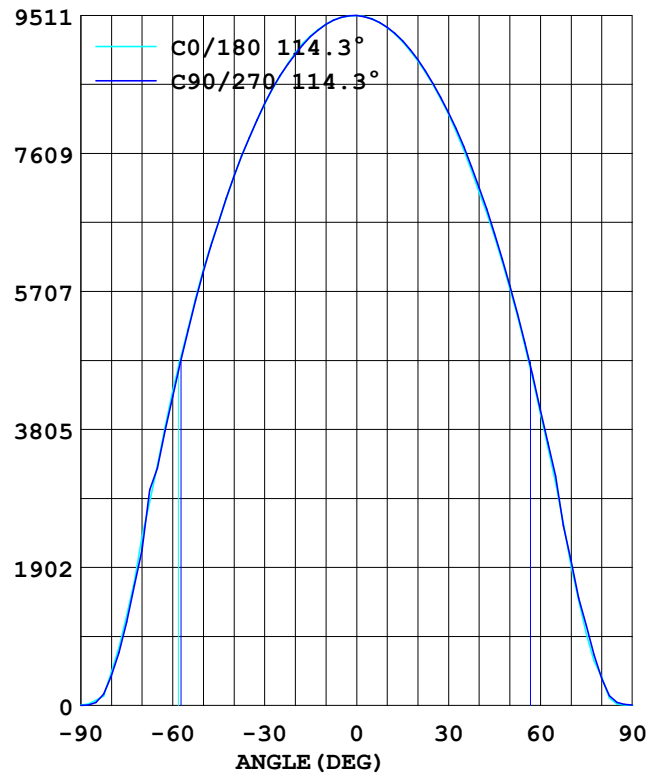
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	9511	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.29
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	26454	Voltage(V)	229.5
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	130.7	Current(A)	0.904
NOMINAL FLUX(lm)	26453.7	$\eta$ up (%)	0.0	Power(W)	202.3
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	229.5	Effective Flux(lm)	26453.7	EEI	0.115

## LUMINOUS INTENSITY DISTRIBUTION



## LUMINOUS INTENSITY DISTRIBUTION



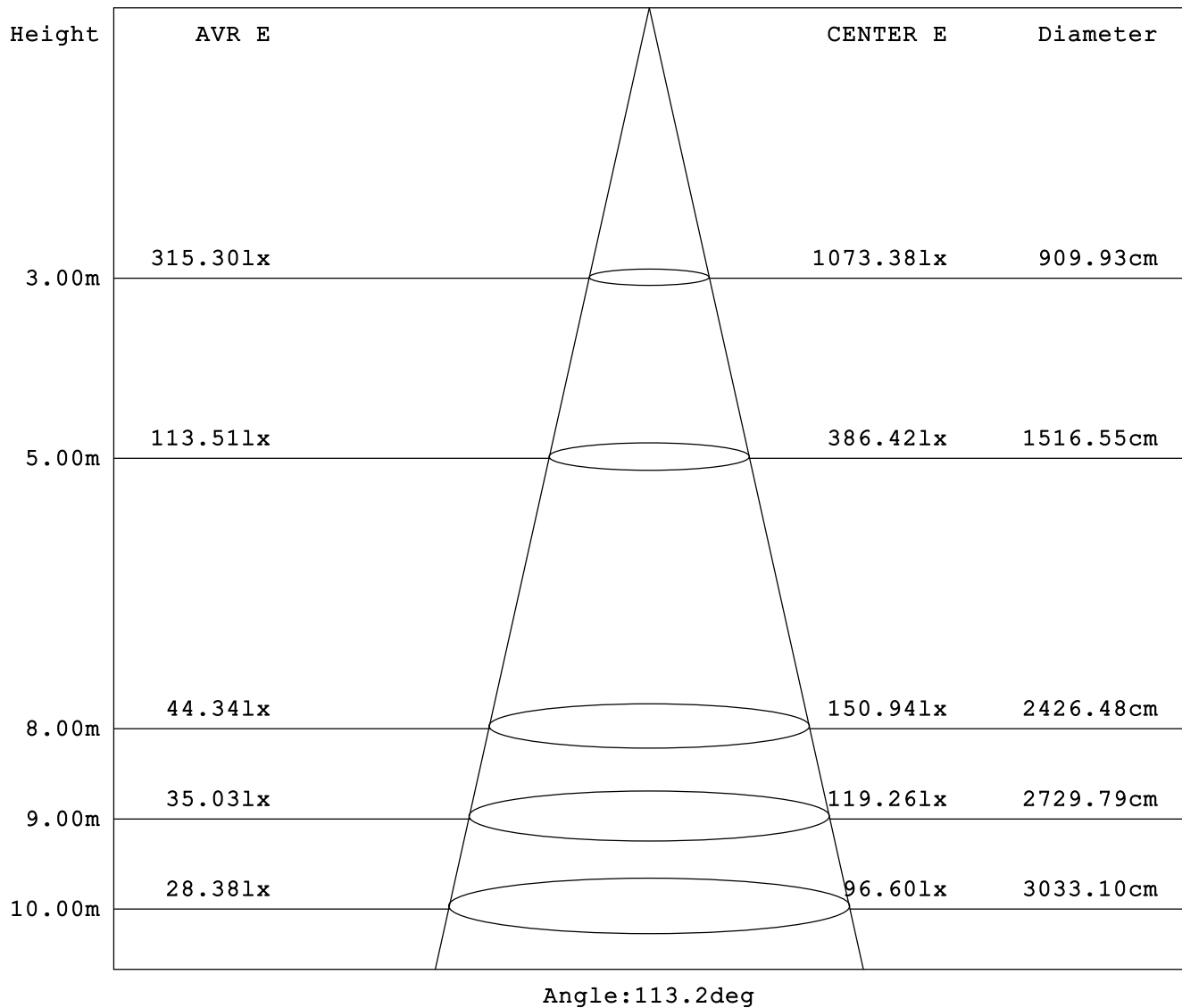
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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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MANUFACTURER: LUCKY SSL	Address:	
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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-110N-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	9484	9486	9482	9474	9465	9459	9462	9477	0- 5	226.9	226.9
10.0	9387	9399	9385	9364	9343	9342	9348	9379	5- 10	674.0	901.0
15.0	9229	9237	9216	9180	9147	9148	9160	9203	10- 15	1101	2002
20.0	8993	8999	8975	8914	8886	8885	8906	8963	15- 20	1494	3496
25.0	8670	8698	8679	8594	8554	8539	8568	8638	20- 25	1841	5337
30.0	8287	8324	8294	8206	8155	8128	8173	8237	25- 30	2132	7469
35.0	7821	7861	7823	7721	7656	7645	7706	7776	30- 35	2353	9822
40.0	7291	7333	7291	7174	7074	7074	7134	7225	35- 40	2495	12317
45.0	6661	6706	6661	6538	6465	6439	6506	6609	40- 45	2551	14869
50.0	6002	6029	5973	5848	5746	5719	5785	5882	45- 50	2516	17384
55.0	5196	5248	5169	5040	4958	4929	4995	5109	50- 55	2382	19767
60.0	4337	4383	4259	4179	4033	4022	4079	4226	55- 60	2143	21910
65.0	3307	3404	3269	3195	3068	3083	3162	3290	60- 65	1806	23716
70.0	2329	2351	2140	2047	1929	1961	2003	2082	65- 70	1364	25079
75.0	1236	1311	1148	1146	986.1	1050	1102	1215	70- 75	851.2	25931
80.0	456.1	492.1	406.6	395.6	389.7	347.6	371.0	420.2	75- 80	406.5	26337
85.0	72.38	84.93	41.25	46.54	20.35	34.27	42.35	61.07	80- 85	104.8	26442
90.0	7.105	5.723	2.701	4.945	5.299	5.723	6.998	5.687	85- 90	11.70	26454
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	

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 Temperature:25.3DEG  
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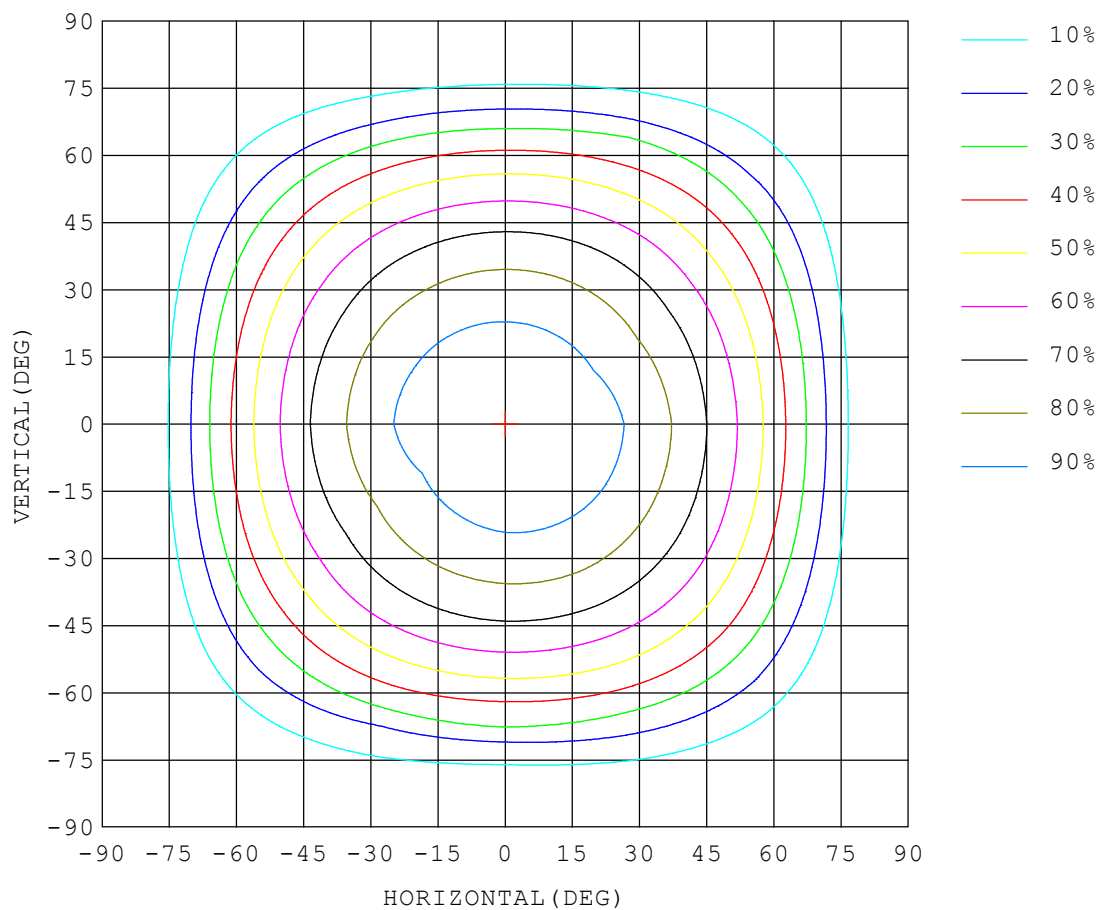
Test Set: 6.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

# ISOCANDELA DIAGRAM

Report number:

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NAME: FK-FL200-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

UNIT: cd



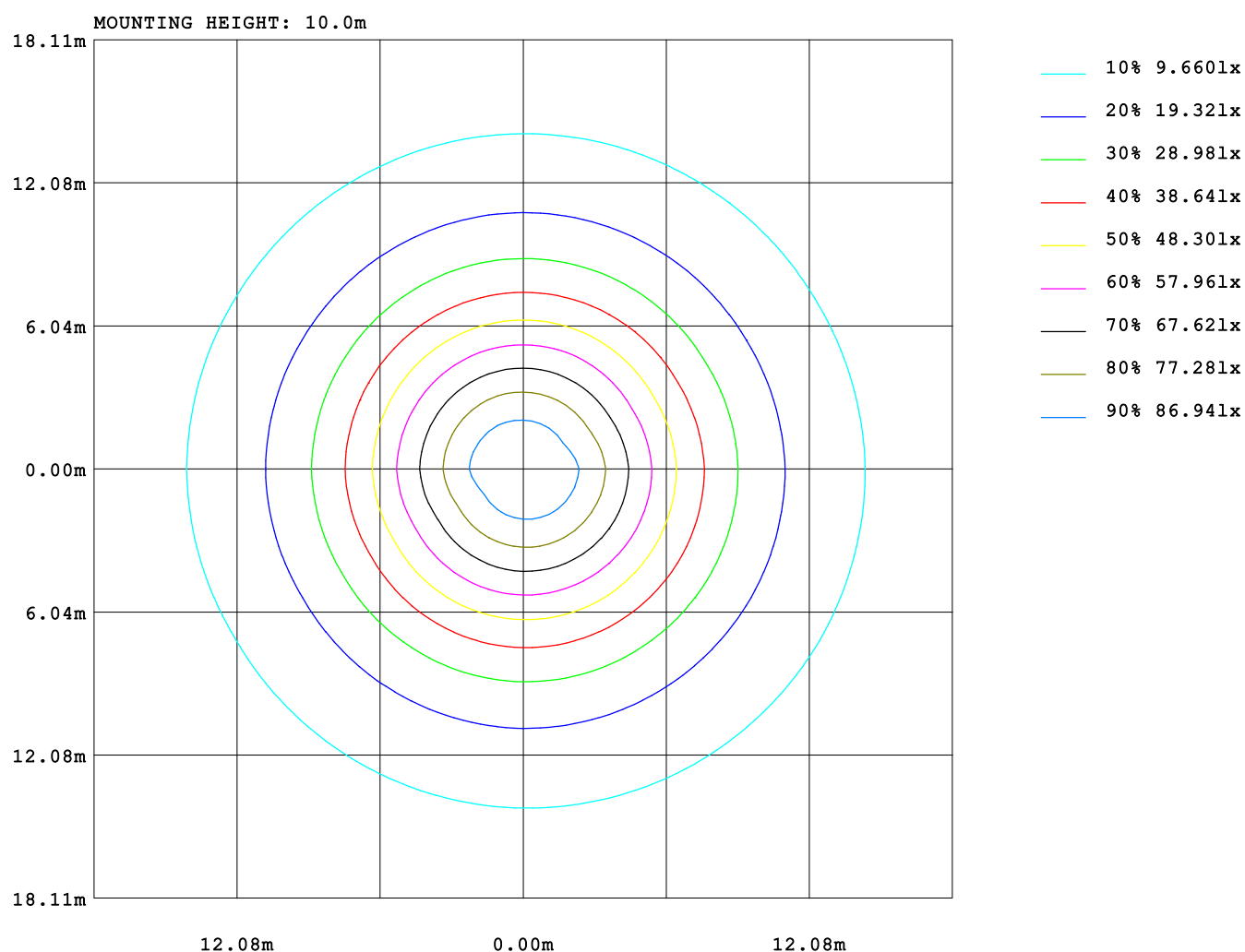
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

Test Set: 6.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.000 m  
 Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:



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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
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	9511	9511	9511	9511	9511	9511	9511	9511	9511	9511	9511	9511
5.0	9484	9486	9485	9482	9476	9473	9465	9462	9457	9462	9471	9482
10.0	9387	9401	9397	9385	9373	9355	9343	9338	9346	9348	9369	9388
15.0	9229	9236	9239	9216	9191	9169	9147	9146	9150	9160	9191	9215
20.0	8993	9003	8995	8975	8933	8896	8886	8883	8887	8906	8940	8987
25.0	8670	8704	8691	8679	8619	8570	8554	8534	8544	8568	8615	8660
30.0	8287	8315	8333	8294	8243	8169	8155	8115	8141	8173	8226	8249
35.0	7821	7855	7867	7823	7758	7683	7656	7639	7651	7706	7756	7796
40.0	7291	7336	7330	7291	7216	7132	7074	7061	7088	7134	7199	7251
45.0	6661	6709	6704	6661	6586	6490	6465	6417	6461	6506	6579	6638
50.0	6002	6038	6019	5973	5894	5803	5746	5710	5728	5785	5840	5923
55.0	5196	5260	5235	5169	5081	4999	4958	4918	4941	4995	5061	5156
60.0	4337	4393	4374	4259	4222	4136	4033	4024	4020	4079	4171	4281
65.0	3307	3423	3385	3269	3236	3154	3068	3077	3089	3162	3238	3343
70.0	2329	2369	2333	2140	1969	2126	1929	1978	1943	2003	2089	2075
75.0	1236	1290	1332	1148	1184	1109	986	1061	1039	1102	1176	1254
80.0	456	488	496	407	397	394	390	324	371	371	407	434
85.0	72.3	80.0	89.9	41.2	59.3	33.6	20.3	35.9	32.6	42.3	50.5	71.6
90.0	7.10	3.88	7.57	2.70	6.66	3.22	5.29	7.52	3.90	6.99	3.82	7.55

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