

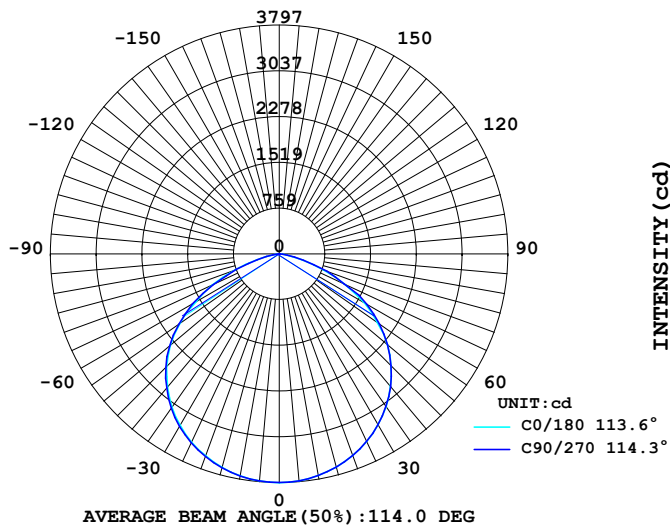
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

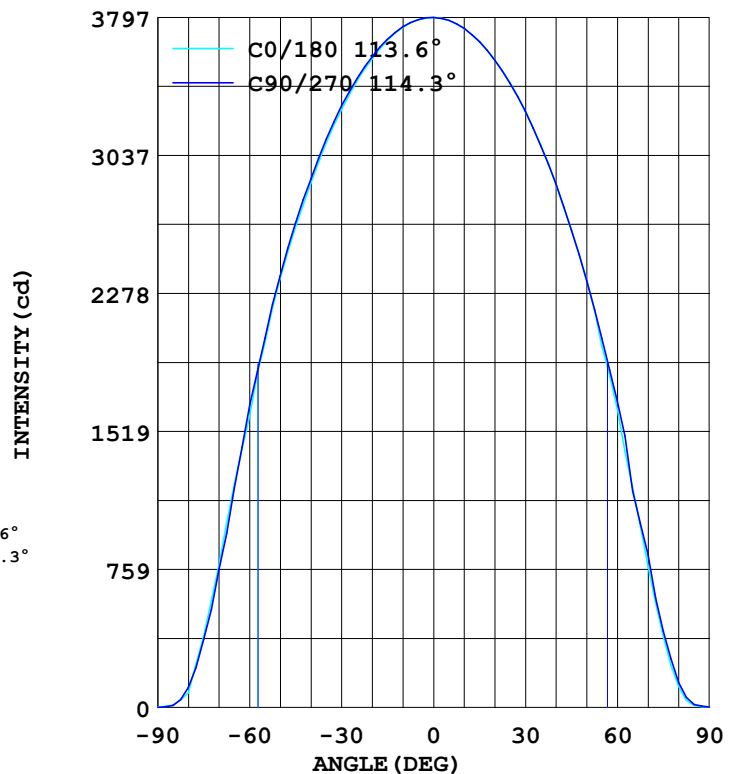
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	3797	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.29
NOMINAL POWER(W)	80	TOTAL FLUX(lm)	10508	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	130.7	Current(A)	0.359
NOMINAL FLUX(lm)	10508.3	$\eta$ up (%)	0.0	Power(W)	80.40
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	229.7	Effective Flux(lm)	10508.3	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



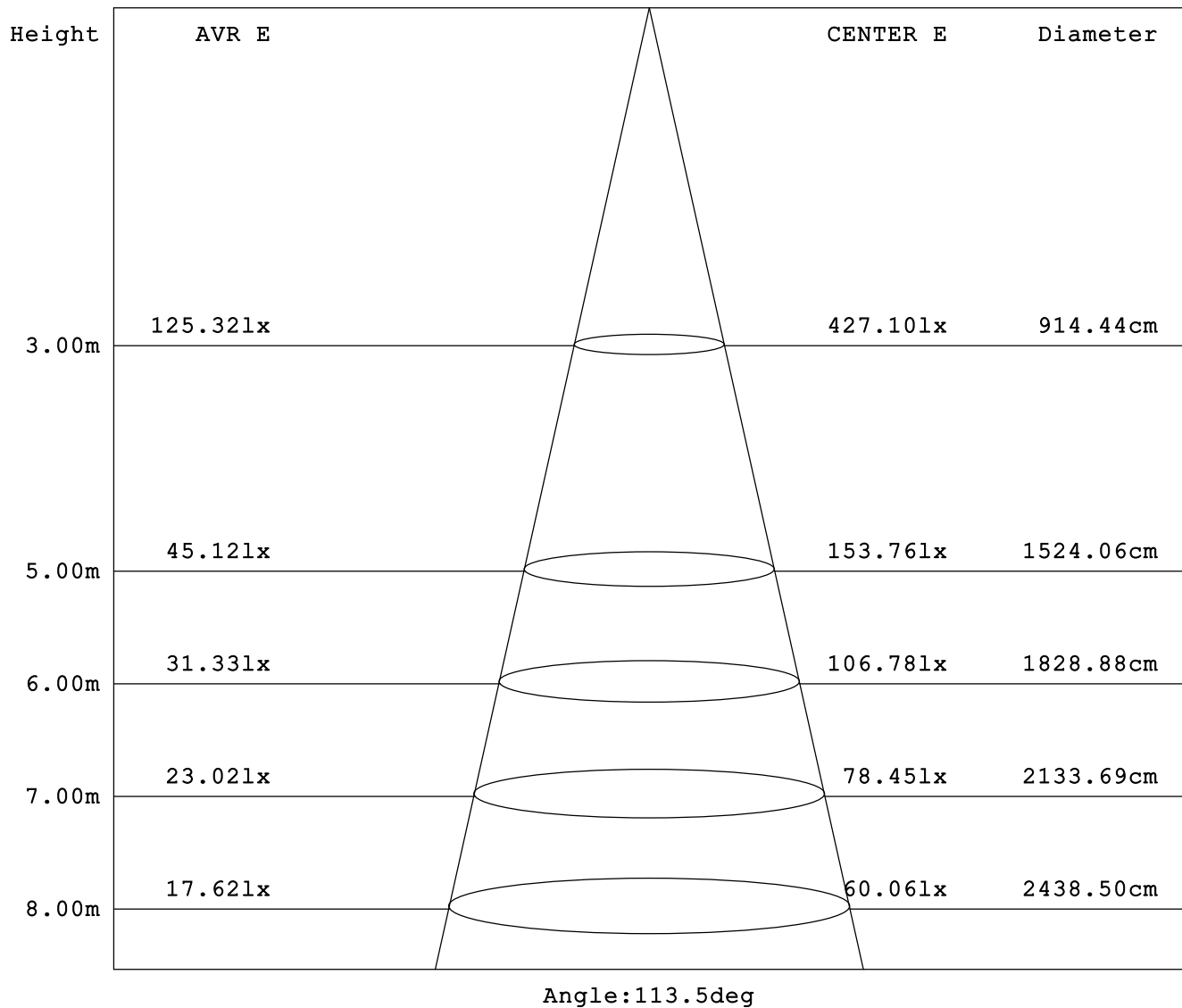
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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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MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
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 Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	Zone	total
5.0	3783	3783	3784	3781	3779	3778	3779	3780	0- 5	90.57	90.57
10.0	3741	3744	3744	3739	3734	3733	3735	3738	5- 10	268.9	359.5
15.0	3670	3675	3676	3667	3663	3661	3662	3667	10- 15	439.3	798.8
20.0	3569	3580	3581	3568	3561	3558	3561	3568	15- 20	596.3	1395
25.0	3448	3456	3459	3442	3436	3429	3432	3440	20- 25	735.2	2130
30.0	3290	3303	3312	3289	3278	3271	3279	3283	25- 30	851.7	2982
35.0	3107	3119	3127	3103	3095	3081	3090	3095	30- 35	940.9	3923
40.0	2886	2901	2907	2885	2874	2867	2878	2881	35- 40	998.9	4922
45.0	2644	2659	2665	2644	2624	2615	2624	2630	40- 45	1023	5945
50.0	2360	2380	2374	2363	2348	2340	2344	2353	45- 50	1010	6955
55.0	2012	2061	2035	2050	1987	2022	2030	2033	50- 55	956.1	7911
60.0	1606	1676	1665	1672	1643	1665	1686	1675	55- 60	855.1	8766
65.0	1228	1267	1208	1253	1211	1264	1192	1264	60- 65	706.9	9473
70.0	784.8	841.9	759.7	835.8	781.6	840.4	842.0	843.5	65- 70	521.7	9995
75.0	390.9	444.0	374.9	445.1	389.5	447.3	417.9	449.4	70- 75	324.0	10319
80.0	80.76	174.9	109.9	172.5	115.0	152.1	136.8	150.1	75- 80	146.8	10466
85.0	13.27	17.93	11.57	19.18	11.24	20.31	16.87	19.22	80- 85	37.73	10504
90.0	2.975	2.305	1.105	2.370	2.321	2.927	3.316	2.851	85- 90	4.556	10508
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: 25.3 DEG  
Operators:  
Test Date: 2020.12.14

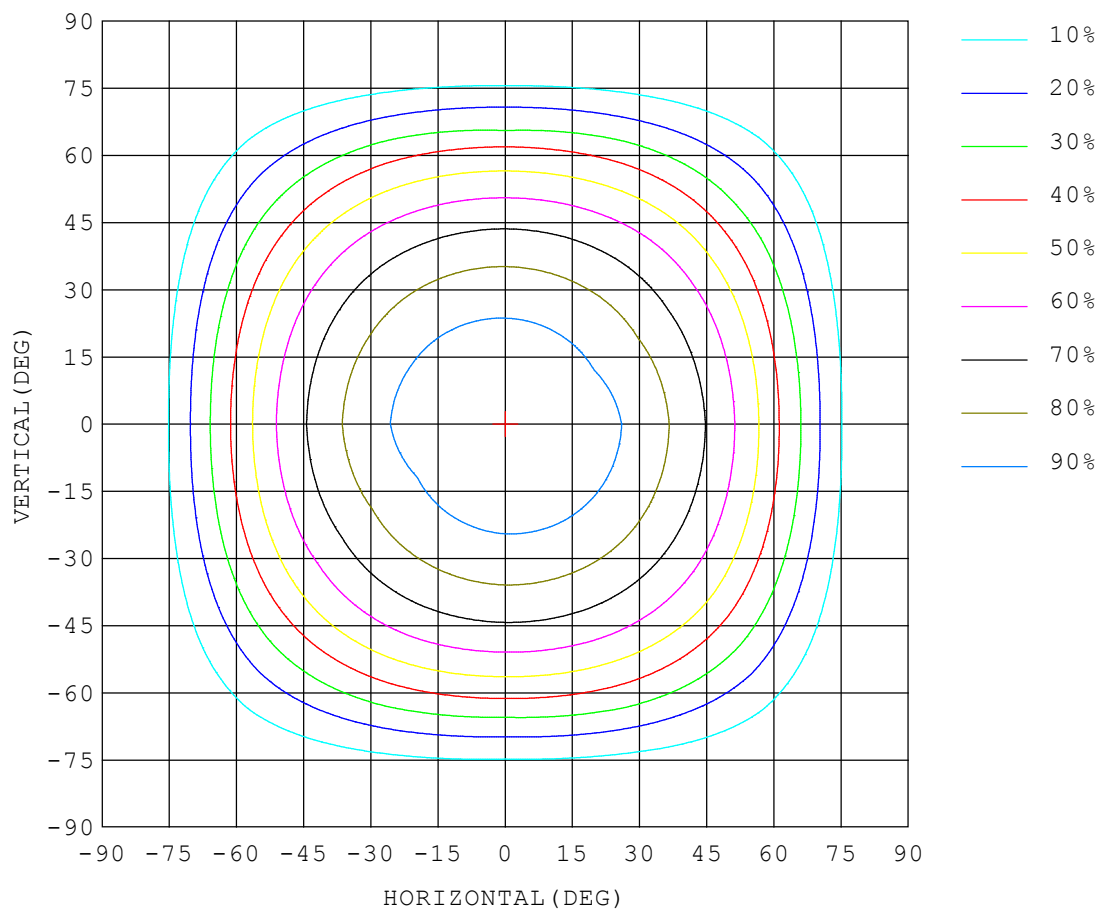
Test Set: 6.0deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 10.000 m  
Remarks:

# ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

UNIT: cd



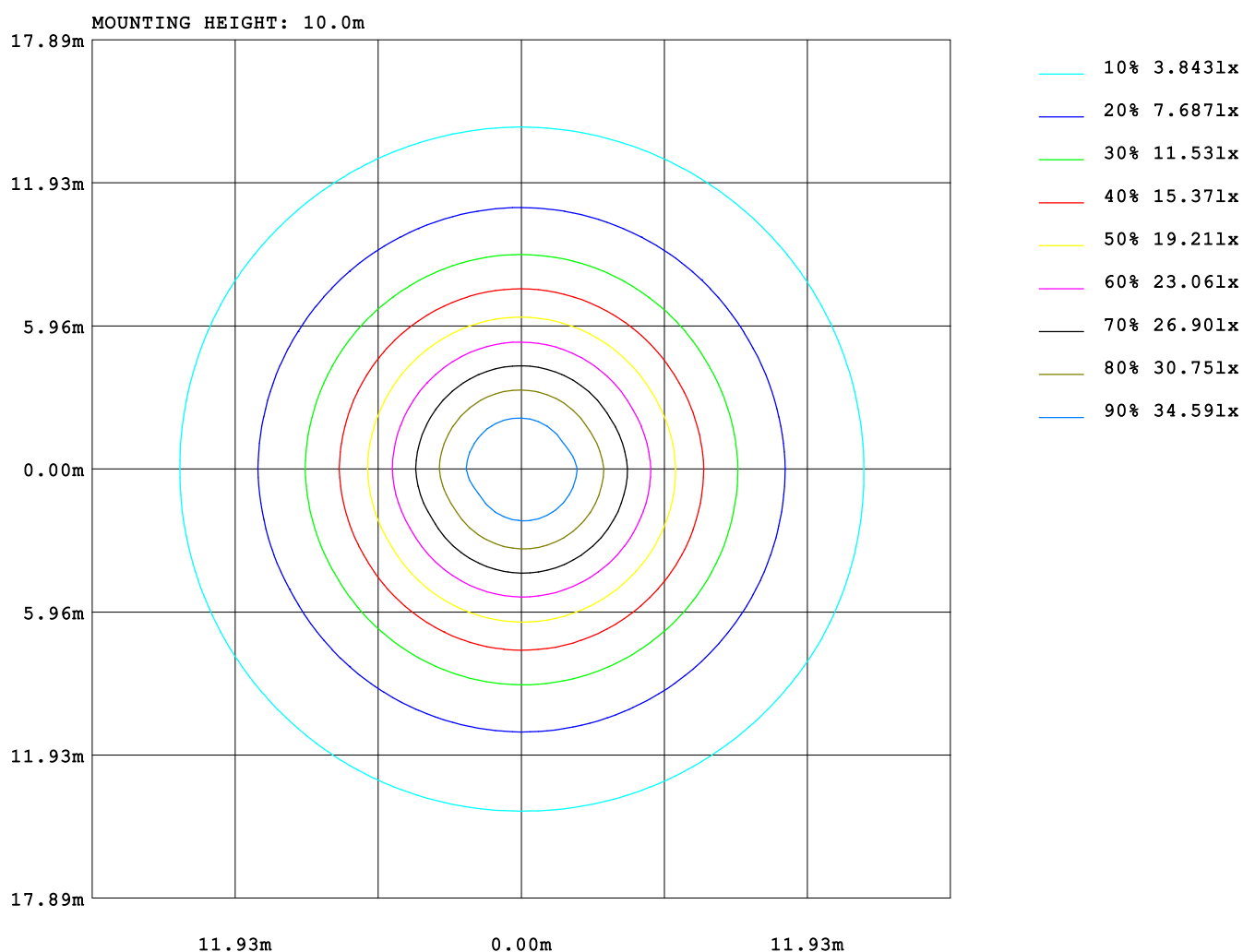
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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-FL80-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:



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 Test Date: 2020.12.14

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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-110N-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	3797	3797	3797	3797	3797	3797	3797	3797	3797	3797	3797	3797
5.0	3783	3783	3783	3784	3782	3779	3779	3779	3778	3779	3780	3781
10.0	3741	3745	3744	3744	3741	3736	3734	3732	3735	3735	3737	3739
15.0	3670	3674	3677	3676	3671	3663	3663	3659	3662	3662	3666	3668
20.0	3569	3580	3580	3581	3571	3564	3561	3558	3558	3561	3565	3570
25.0	3448	3454	3458	3459	3449	3435	3436	3427	3430	3432	3440	3441
30.0	3290	3303	3302	3312	3295	3284	3278	3271	3271	3279	3280	3286
35.0	3107	3117	3120	3127	3110	3096	3095	3080	3082	3090	3090	3099
40.0	2886	2897	2905	2907	2894	2876	2874	2866	2867	2878	2876	2885
45.0	2644	2654	2664	2665	2655	2633	2624	2616	2614	2624	2626	2633
50.0	2360	2375	2385	2374	2374	2352	2348	2340	2340	2344	2348	2359
55.0	2012	2068	2054	2035	2053	2047	1987	2024	2019	2030	2026	2039
60.0	1606	1681	1671	1665	1671	1672	1643	1650	1680	1686	1683	1667
65.0	1228	1271	1263	1208	1249	1258	1211	1236	1292	1192	1293	1234
70.0	785	871	813	760	810	862	782	846	835	842	835	852
75.0	391	479	408	375	419	471	390	458	437	418	436	463
80.0	80.7	211	139	110	132	213	115	158	146	137	144	156
85.0	13.2	16.9	18.9	11.5	19.3	19.0	11.2	24.4	16.1	16.8	15.8	22.6
90.0	2.97	1.46	3.15	1.10	3.25	1.48	2.32	3.86	1.98	3.31	1.92	3.78

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