

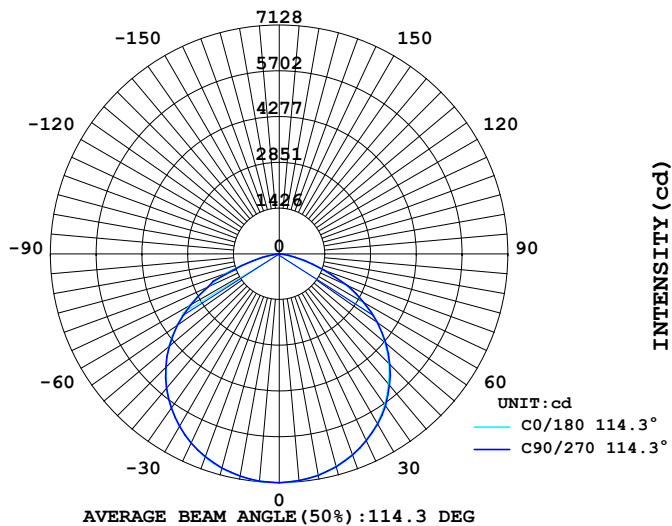
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

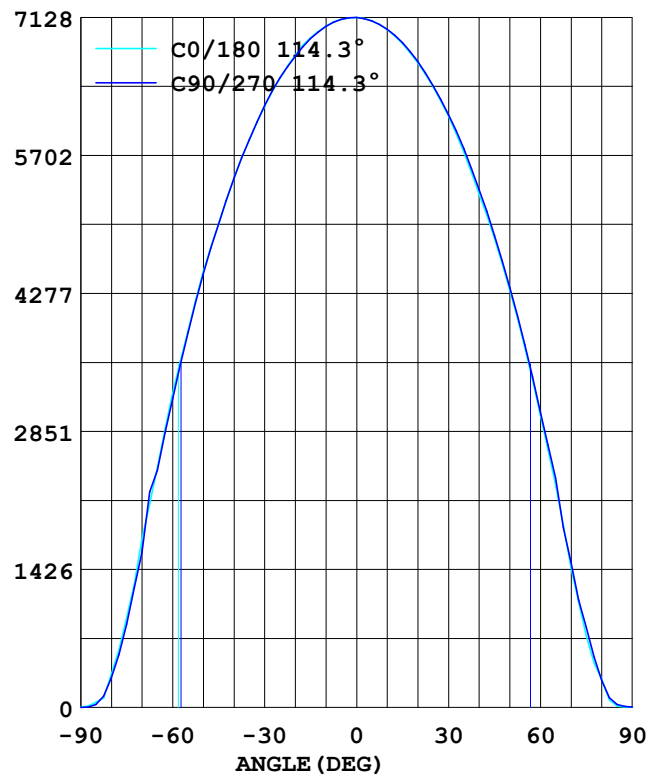
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL150-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	7128	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.29
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	19825	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	130.6	Current(A)	0.677
NOMINAL FLUX(lm)	19825.0	η up (%)	0.0	Power(W)	151.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	19825.0	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



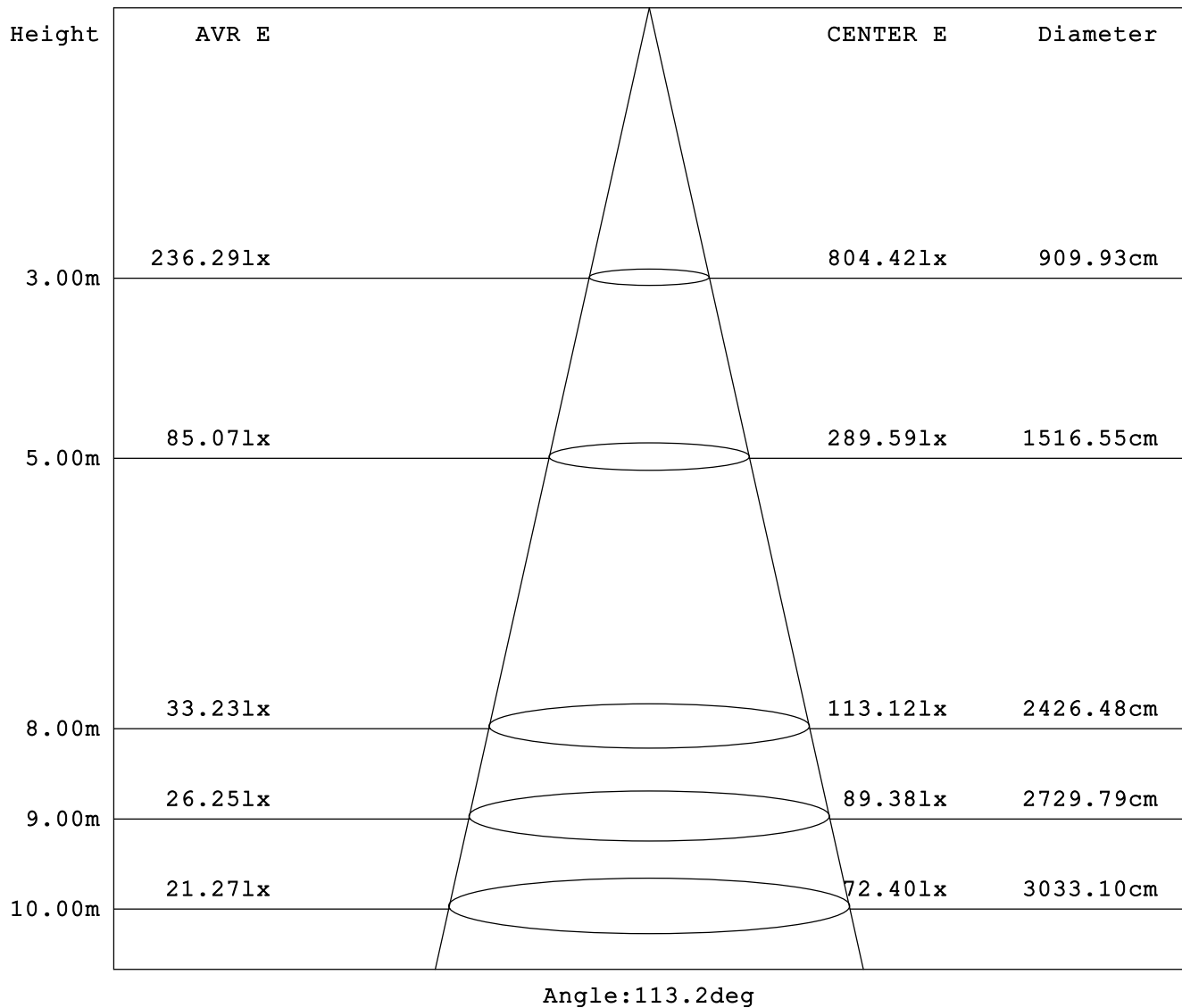
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2020.12.14

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

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NAME: FK-FL150-110N-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	7108	7109	7106	7100	7093	7089	7091	7102	0- 5	170.0	170.0
10.0	7035	7044	7033	7017	7002	7001	7005	7029	5- 10	505.1	675.2
15.0	6916	6923	6907	6880	6855	6856	6865	6897	10- 15	824.9	1500
20.0	6740	6744	6726	6681	6659	6658	6674	6717	15- 20	1120	2620
25.0	6498	6518	6504	6441	6411	6400	6421	6473	20- 25	1380	4000
30.0	6211	6238	6216	6150	6111	6091	6125	6173	25- 30	1597	5598
35.0	5861	5891	5863	5786	5738	5729	5775	5828	30- 35	1763	7361
40.0	5464	5496	5464	5376	5302	5301	5347	5414	35- 40	1870	9231
45.0	4992	5026	4992	4900	4845	4825	4876	4953	40- 45	1912	11143
50.0	4498	4518	4476	4383	4306	4286	4336	4408	45- 50	1885	13028
55.0	3894	3933	3873	3777	3715	3694	3744	3829	50- 55	1785	14814
60.0	3250	3285	3192	3132	3022	3014	3057	3167	55- 60	1606	16420
65.0	2478	2551	2450	2394	2299	2310	2369	2466	60- 65	1353	17773
70.0	1745	1762	1604	1534	1445	1469	1501	1560	65- 70	1022	18795
75.0	926.0	982.6	860.4	859.1	739.0	787.0	825.8	910.3	70- 75	637.9	19433
80.0	341.8	368.8	304.7	296.4	292.0	260.5	278.0	314.9	75- 80	304.7	19738
85.0	54.24	63.65	30.91	34.88	15.25	25.68	31.74	45.77	80- 85	78.54	19816
90.0	5.325	4.289	2.024	3.706	3.971	4.289	5.244	4.262	85- 90	8.772	19825
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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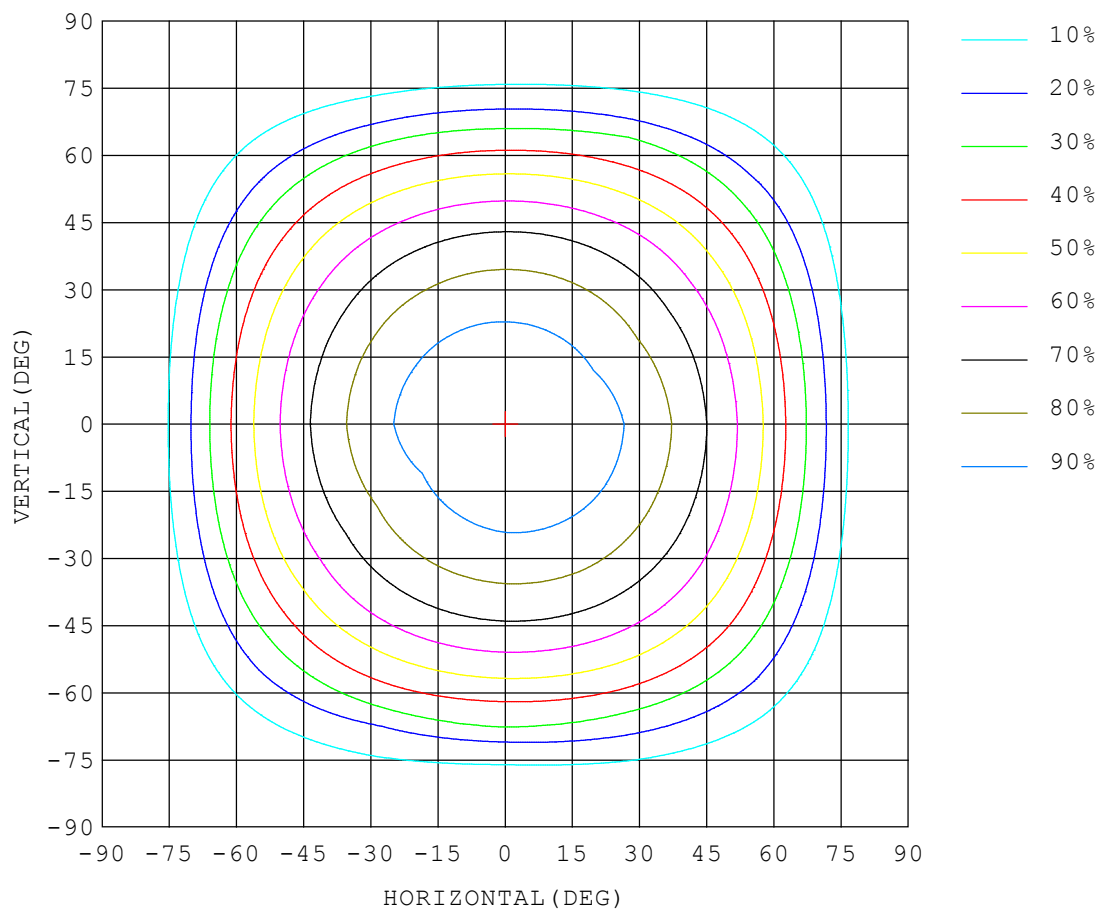
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Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



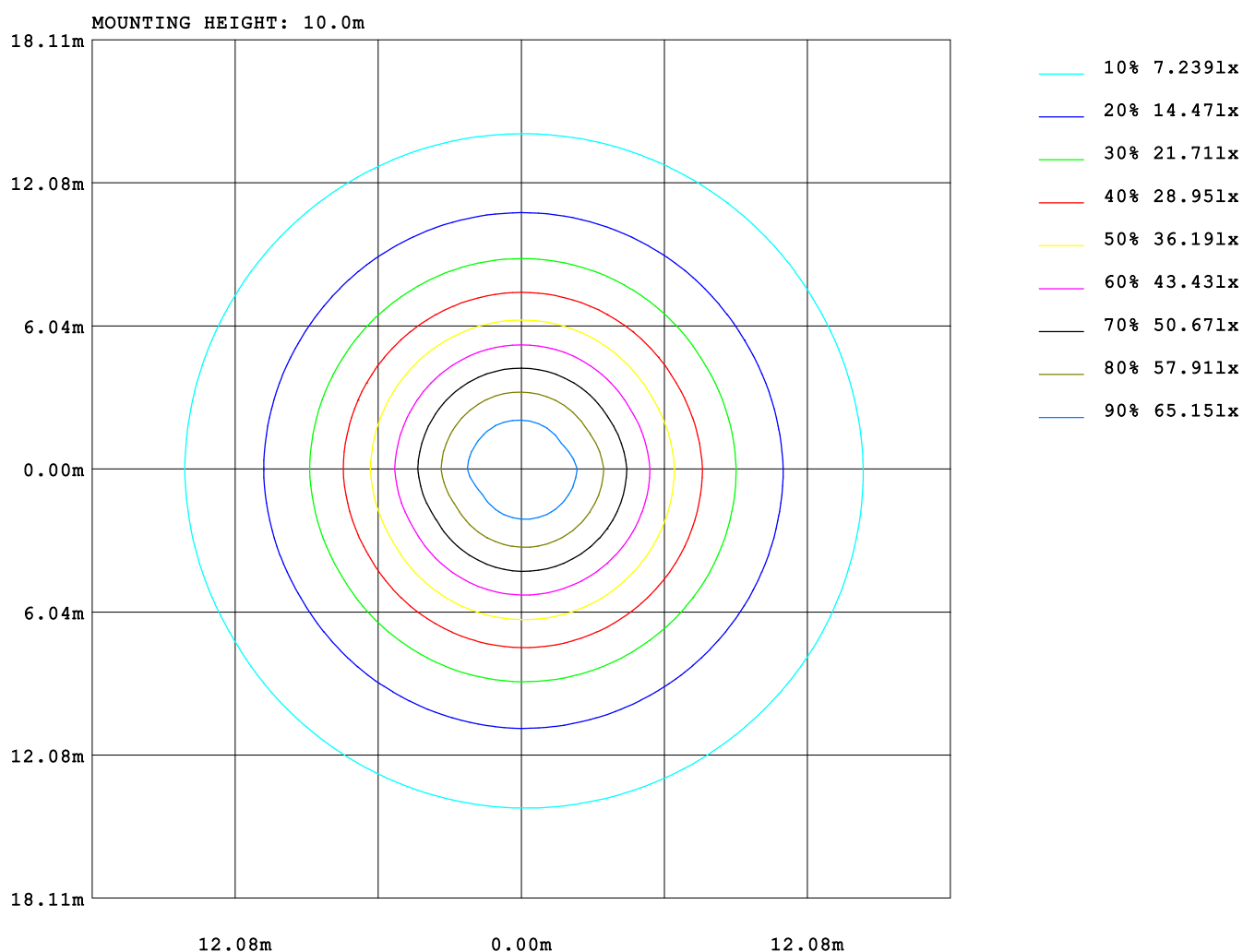
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 Operators:
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Test Set: 6.0 deg/s C-Gamma (TYPE C)
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 Remarks:

ISOLUX DIAGRAM

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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	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128
5.0	7108	7109	7108	7106	7101	7099	7093	7091	7087	7091	7098	7106
10.0	7035	7045	7042	7033	7024	7011	7002	6998	7004	7005	7022	7036
15.0	6916	6922	6924	6907	6888	6871	6855	6854	6857	6865	6888	6906
20.0	6740	6747	6741	6726	6695	6667	6659	6657	6660	6674	6700	6735
25.0	6498	6523	6513	6504	6459	6423	6411	6396	6403	6421	6457	6490
30.0	6211	6231	6245	6216	6177	6122	6111	6082	6101	6125	6164	6182
35.0	5861	5887	5896	5863	5814	5758	5738	5725	5734	5775	5812	5843
40.0	5464	5498	5493	5464	5408	5345	5302	5291	5312	5347	5395	5434
45.0	4992	5028	5024	4992	4936	4863	4845	4809	4842	4876	4931	4975
50.0	4498	4525	4511	4476	4417	4349	4306	4279	4293	4336	4377	4439
55.0	3894	3942	3923	3873	3808	3746	3715	3686	3703	3744	3793	3864
60.0	3250	3292	3278	3192	3164	3100	3022	3016	3012	3057	3126	3208
65.0	2478	2565	2536	2450	2425	2363	2299	2306	2315	2369	2427	2505
70.0	1745	1775	1748	1604	1476	1593	1445	1482	1456	1501	1565	1555
75.0	926	967	998	860	887	831	739	795	779	826	881	940
80.0	342	366	372	305	298	295	292	243	278	278	305	325
85.0	54.2	59.9	67.3	30.9	44.4	25.2	15.2	26.9	24.4	31.7	37.9	53.6
90.0	5.32	2.91	5.67	2.02	4.99	2.41	3.97	5.64	2.92	5.24	2.86	5.66

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