

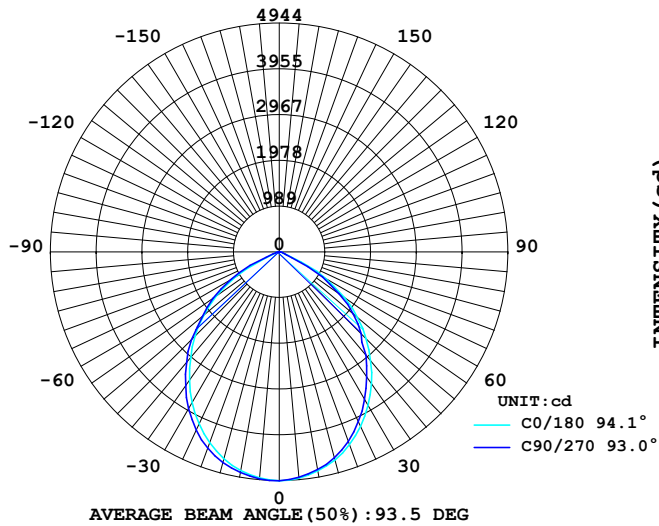
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

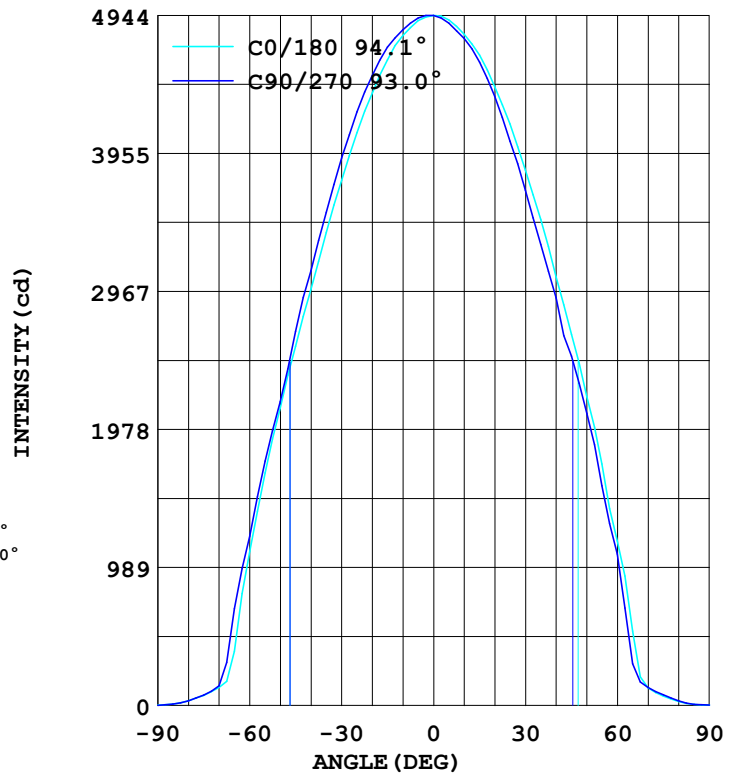
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	4944	S/MH (C0/180)	1.15
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.19
NOMINAL POWER(W)	80	TOTAL FLUX(lm)	10173	Voltage(V)	231.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.9	Current(A)	0.359
NOMINAL FLUX(lm)	10172.8	η up (%)	0.0	Power(W)	80.80
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.972
TEST VOLTAGE (V)	231.4	Effective Flux(lm)	10172.8	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



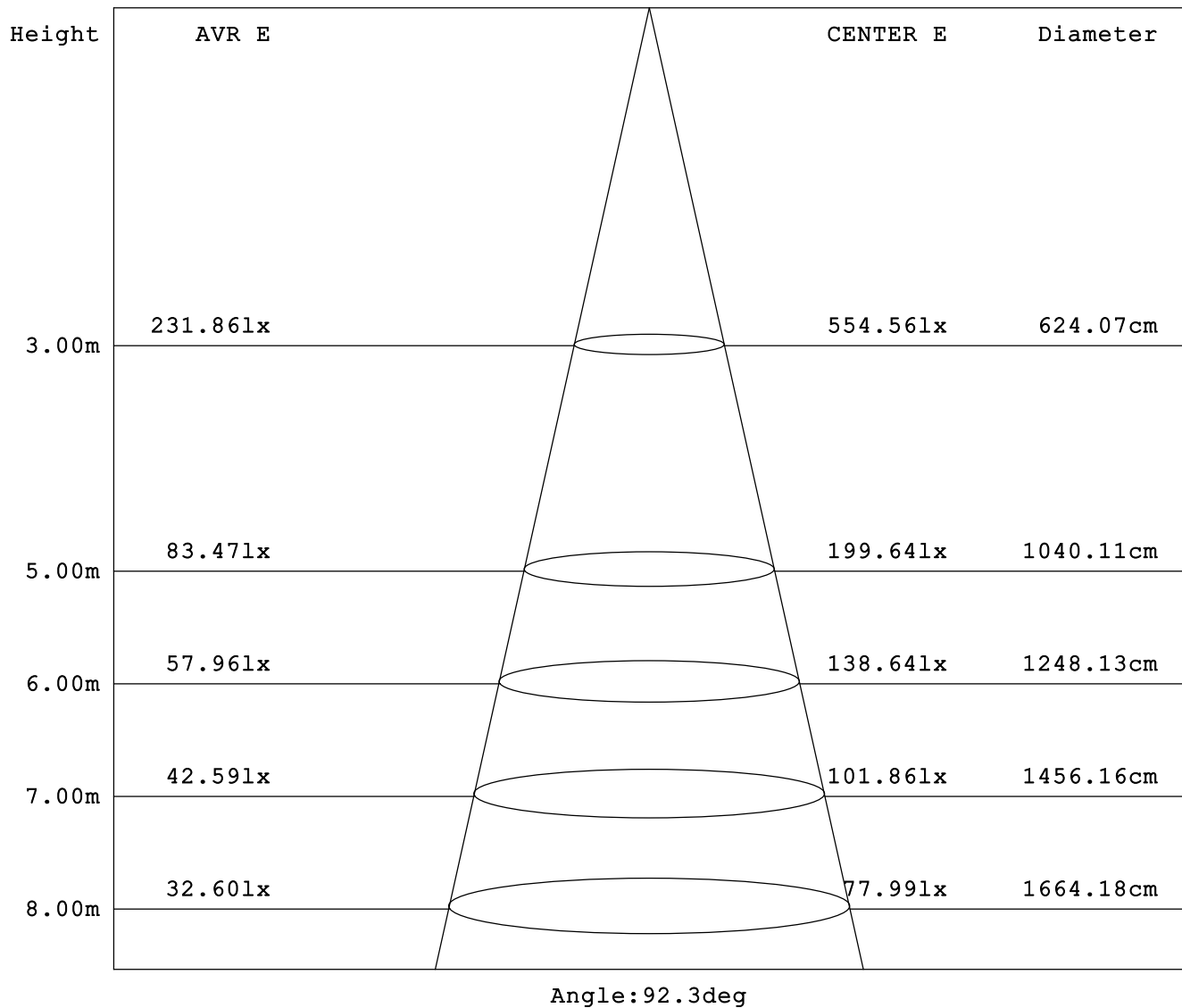
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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:

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SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	4907	4915	4924	4918	4912	4900	4889	4896	0- 5	117.7	117.7
10.0	4799	4822	4841	4832	4808	4783	4778	4780	5- 10	347.3	465.1
15.0	4626	4679	4716	4693	4658	4622	4608	4614	10- 15	561.0	1026
20.0	4389	4465	4515	4490	4434	4381	4365	4372	15- 20	748.0	1774
25.0	4104	4191	4252	4228	4165	4094	4043	4079	20- 25	898.9	2673
30.0	3763	3863	3924	3913	3836	3753	3690	3721	25- 30	1007	3680
35.0	3387	3493	3532	3548	3482	3373	3303	3330	30- 35	1066	4746
40.0	2979	3064	3114	3129	3070	2972	2922	2917	35- 40	1078	5824
45.0	2573	2629	2680	2678	2659	2561	2504	2502	40- 45	1039	6863
50.0	2129	2225	2175	2294	2211	2149	2092	2094	45- 50	966.5	7830
55.0	1667	1769	1750	1831	1729	1684	1573	1635	50- 55	847.0	8677
60.0	1104	1305	1214	1342	1181	1163	1086	1137	55- 60	675.2	9352
65.0	387.8	836.2	694.8	867.7	532.8	727.4	298.2	678.5	60- 65	457.9	9810
70.0	128.6	422.2	141.3	438.4	126.4	283.1	129.8	215.3	65- 70	231.1	10041
75.0	73.24	115.6	75.41	121.3	67.84	78.13	76.15	76.78	70- 75	83.73	10125
80.0	33.99	46.04	34.24	47.58	29.18	30.03	32.46	29.12	75- 80	32.30	10157
85.0	10.79	16.15	9.740	16.67	7.586	8.959	8.560	8.597	80- 85	12.19	10169
90.0	3.939	3.378	2.213	3.705	3.209	3.378	3.984	3.409	85- 90	3.688	10173
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
 Operators:
 Test Date:2020.12.14

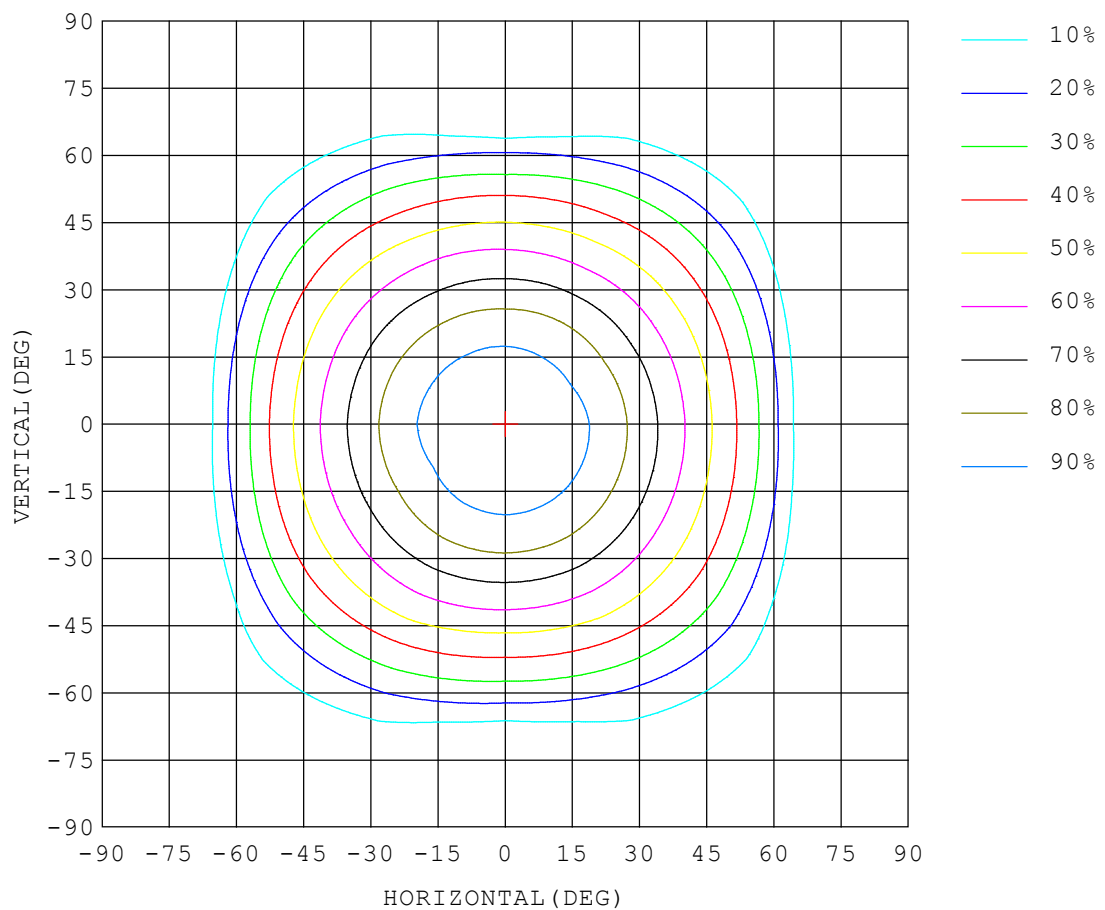
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ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

UNIT: cd



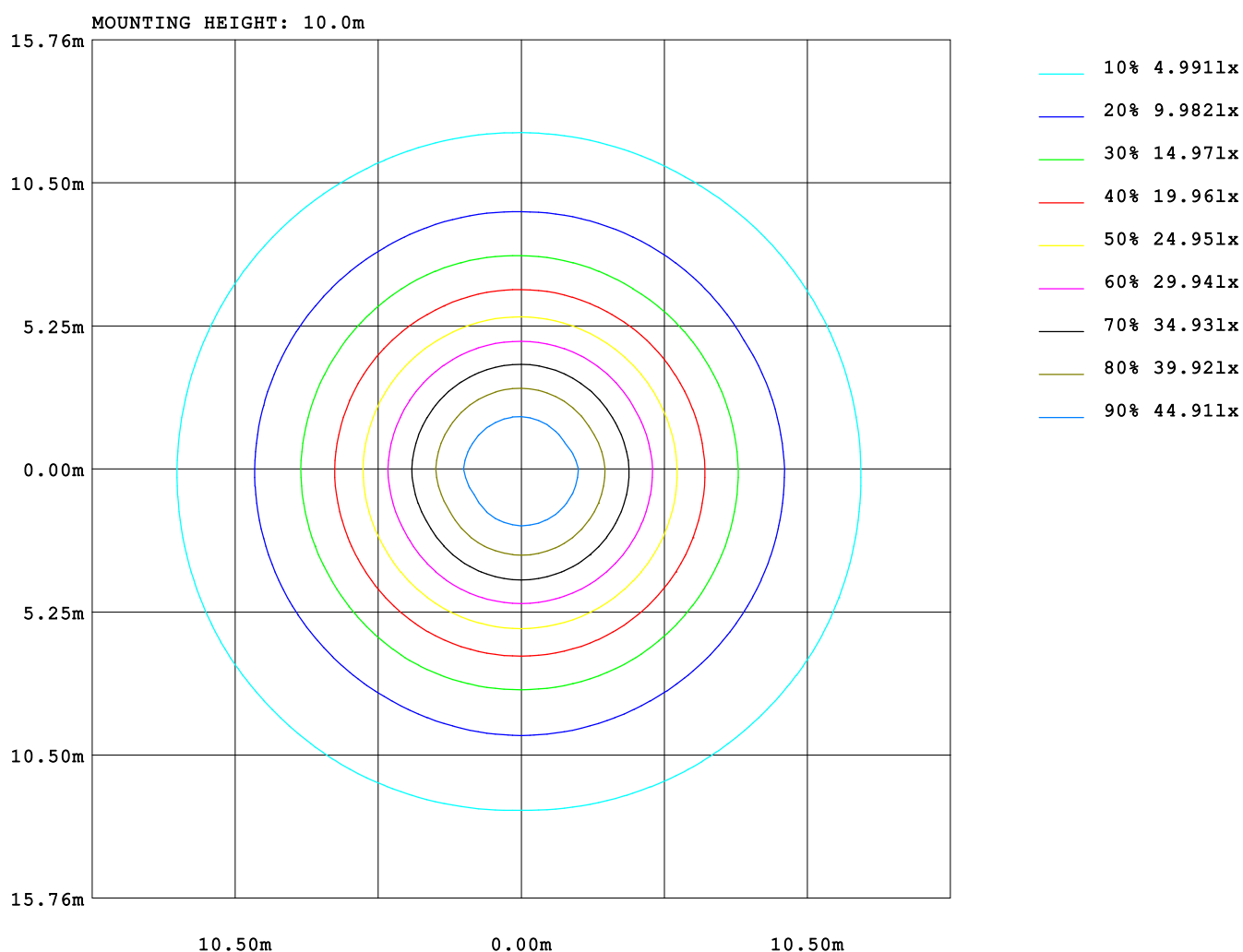
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 Operators:
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Test Set: 6.0 deg/s C-Gamma (TYPE C)
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	4944	4944	4944	4944	4944	4944	4944	4944	4944	4944	4944	4944
5.0	4907	4913	4918	4924	4924	4911	4912	4904	4896	4889	4891	4901
10.0	4799	4814	4829	4841	4844	4820	4808	4790	4776	4778	4776	4783
15.0	4626	4663	4696	4716	4708	4678	4658	4632	4613	4608	4609	4619
20.0	4389	4444	4486	4515	4509	4470	4434	4397	4364	4365	4364	4381
25.0	4104	4157	4224	4252	4254	4202	4165	4116	4073	4043	4072	4085
30.0	3763	3833	3893	3924	3930	3895	3836	3788	3719	3690	3698	3744
35.0	3387	3462	3525	3532	3563	3532	3482	3414	3332	3303	3310	3349
40.0	2979	3022	3107	3114	3153	3105	3070	3015	2929	2922	2892	2941
45.0	2573	2623	2635	2680	2642	2714	2659	2596	2525	2504	2475	2529
50.0	2129	2207	2243	2175	2294	2293	2211	2180	2118	2092	2071	2118
55.0	1667	1761	1777	1750	1825	1837	1729	1716	1652	1573	1620	1651
60.0	1104	1307	1303	1214	1345	1338	1181	1190	1136	1086	1103	1170
65.0	388	834	839	695	866	869	533	738	717	298	676	681
70.0	129	415	429	141	443	434	126	296	270	130	241	189
75.0	73.2	106	126	75.4	133	110	67.8	80.1	76.0	76.1	74.6	78.9
80.0	33.9	43.6	48.4	34.2	49.9	45.2	29.1	29.3	30.7	32.4	29.6	28.6
85.0	10.7	13.7	18.5	9.74	18.9	14.3	7.58	10.4	7.50	8.56	7.25	9.94
90.0	3.93	1.75	5.00	2.21	5.33	2.07	3.20	4.54	2.20	3.98	2.22	4.60

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