

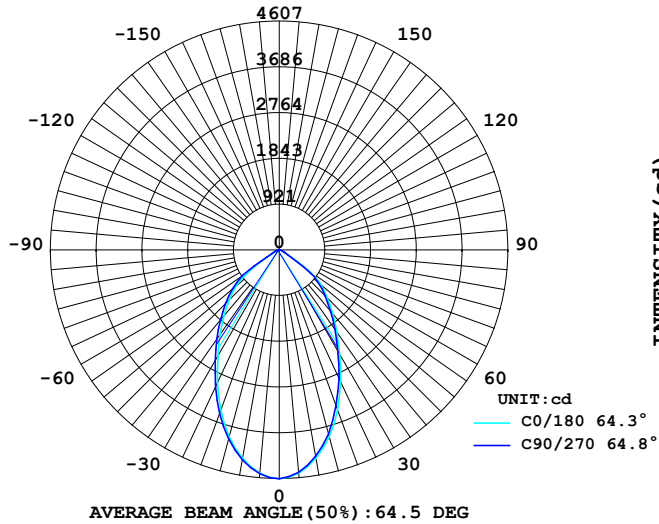
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

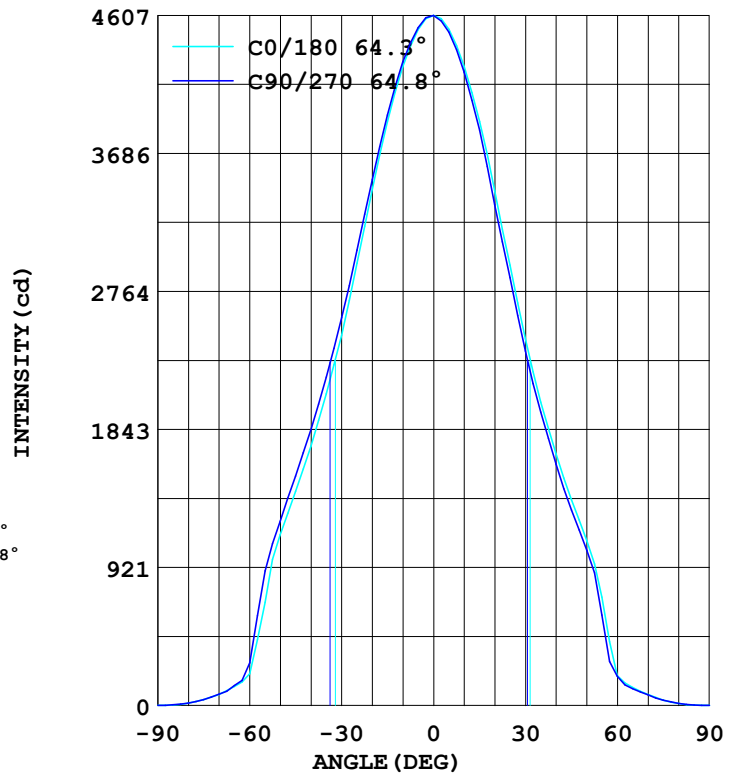
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL50-S48N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	4607	S/MH (C0/180)	0.90
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.92
NOMINAL POWER(W)	50	TOTAL FLUX(lm)	6237.3	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.5	Current(A)	0.221
NOMINAL FLUX(lm)	6237.4	η up (%)	0.0	Power(W)	49.70
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.971
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	6237.4	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



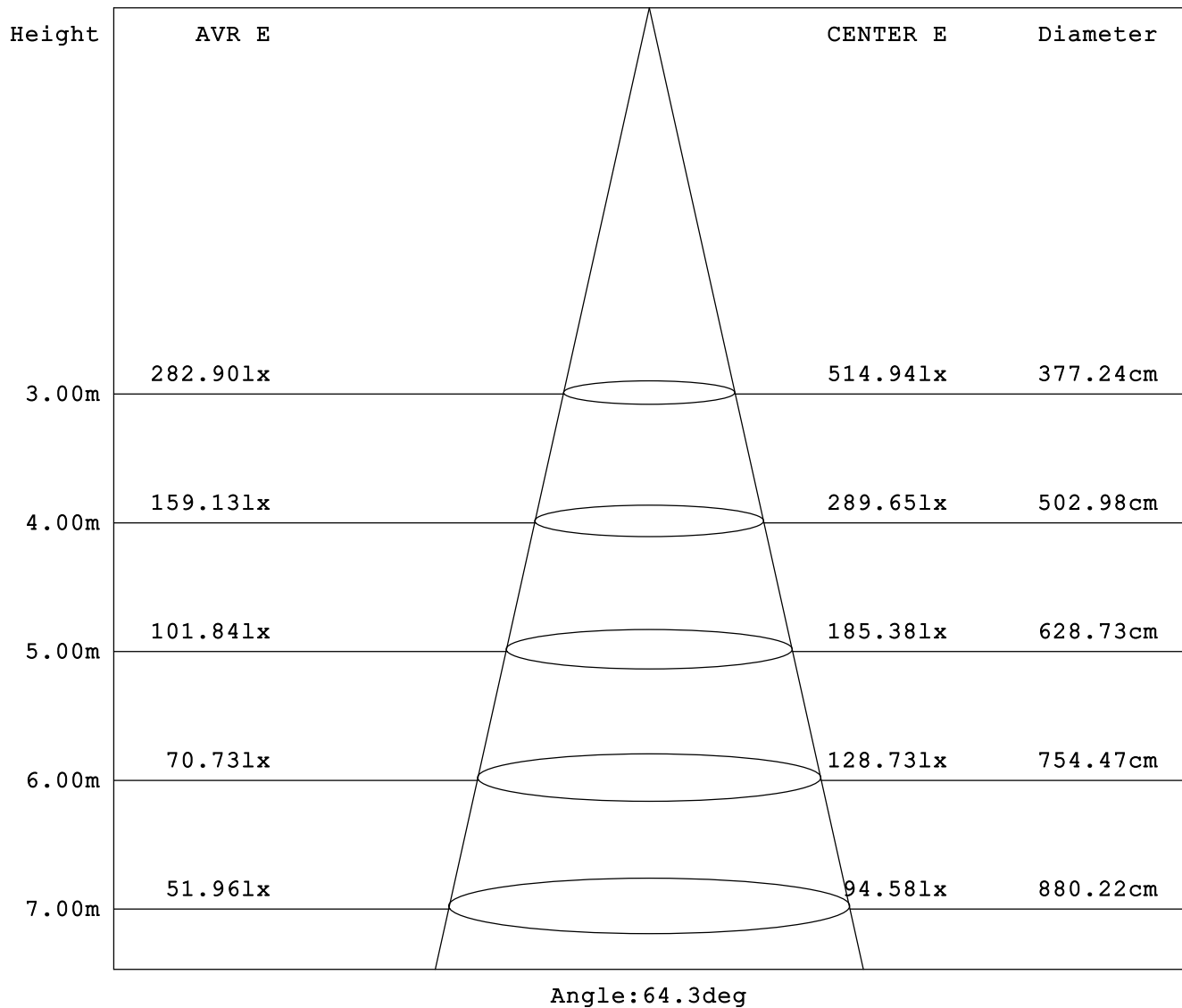
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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

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MANUFACTURER: LUCKY SSL	Address:	
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SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	4513	4523	4526	4522	4514	4496	4496	4509	0- 5	109.0	109.0
10.0	4265	4283	4296	4284	4264	4218	4226	4244	5- 10	313.5	422.5
15.0	3897	3918	3942	3919	3900	3827	3841	3869	10- 15	482.7	905.3
20.0	3447	3492	3512	3486	3437	3349	3344	3393	15- 20	602.2	1508
25.0	2953	3019	3041	3011	2940	2869	2856	2904	20- 25	667.5	2175
30.0	2472	2563	2590	2548	2447	2381	2366	2417	25- 30	684.4	2860
35.0	2081	2158	2191	2130	2025	1957	1958	2001	30- 35	665.8	3525
40.0	1730	1804	1841	1770	1679	1609	1610	1650	35- 40	628.0	4153
45.0	1428	1499	1531	1459	1372	1306	1304	1335	40- 45	575.2	4729
50.0	1140	1216	1229	1176	1100	1049	1034	1070	45- 50	510.6	5239
55.0	688.3	939.3	898.6	907.9	722.6	764.8	604.7	773.0	50- 55	424.5	5664
60.0	212.5	618.3	285.5	606.1	200.8	496.0	196.5	508.2	55- 60	286.9	5951
65.0	126.2	282.4	133.9	281.0	120.6	200.4	111.2	203.0	60- 65	153.9	6105
70.0	73.49	110.1	75.79	110.7	74.62	95.23	71.33	96.42	65- 70	69.90	6175
75.0	39.90	62.89	40.19	61.91	35.79	50.55	35.00	51.57	70- 75	36.86	6212
80.0	15.25	26.40	16.54	25.18	13.27	18.93	14.82	19.48	75- 80	18.29	6230
85.0	3.611	6.636	4.637	6.273	2.437	3.872	3.228	4.060	80- 85	6.190	6236
90.0	1.218	1.132	0.773	1.117	0.858	0.997	1.182	0.981	85- 90	1.354	6237
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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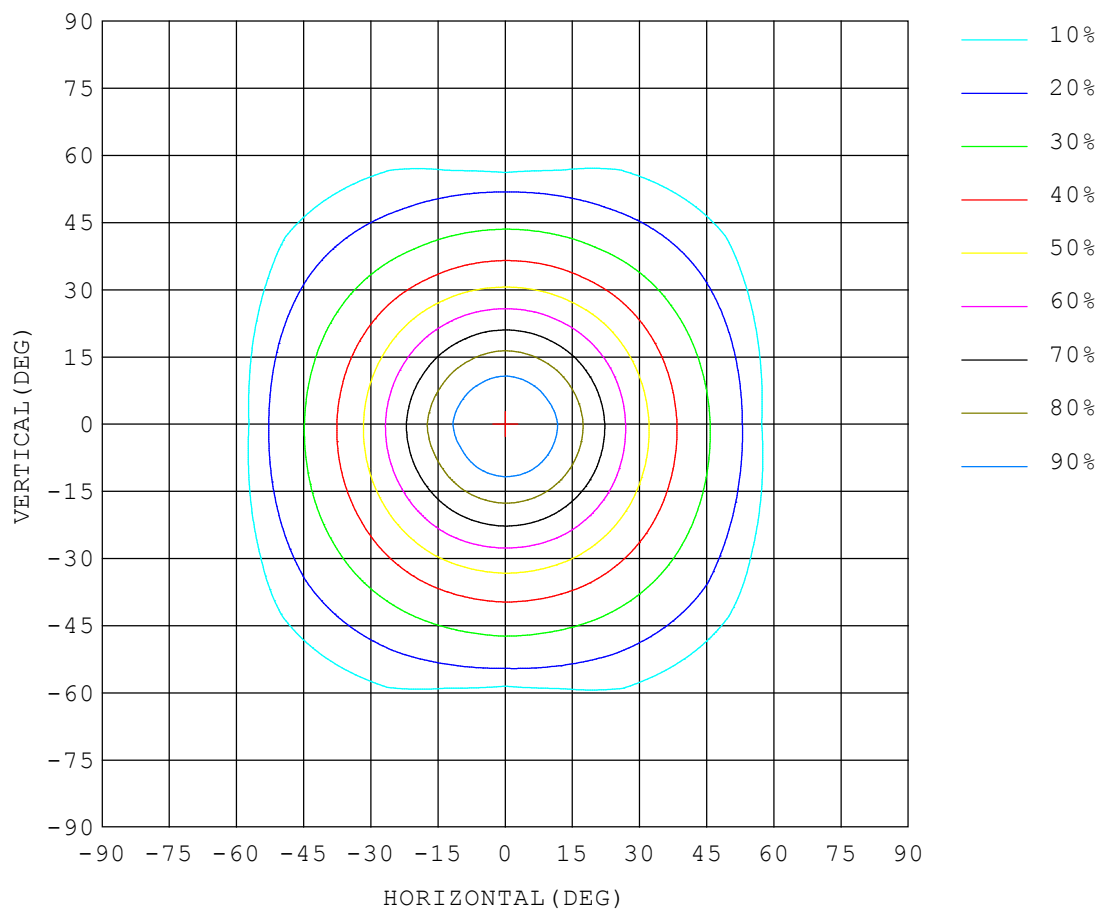
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ISOCANDELA DIAGRAM

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SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

UNIT: cd



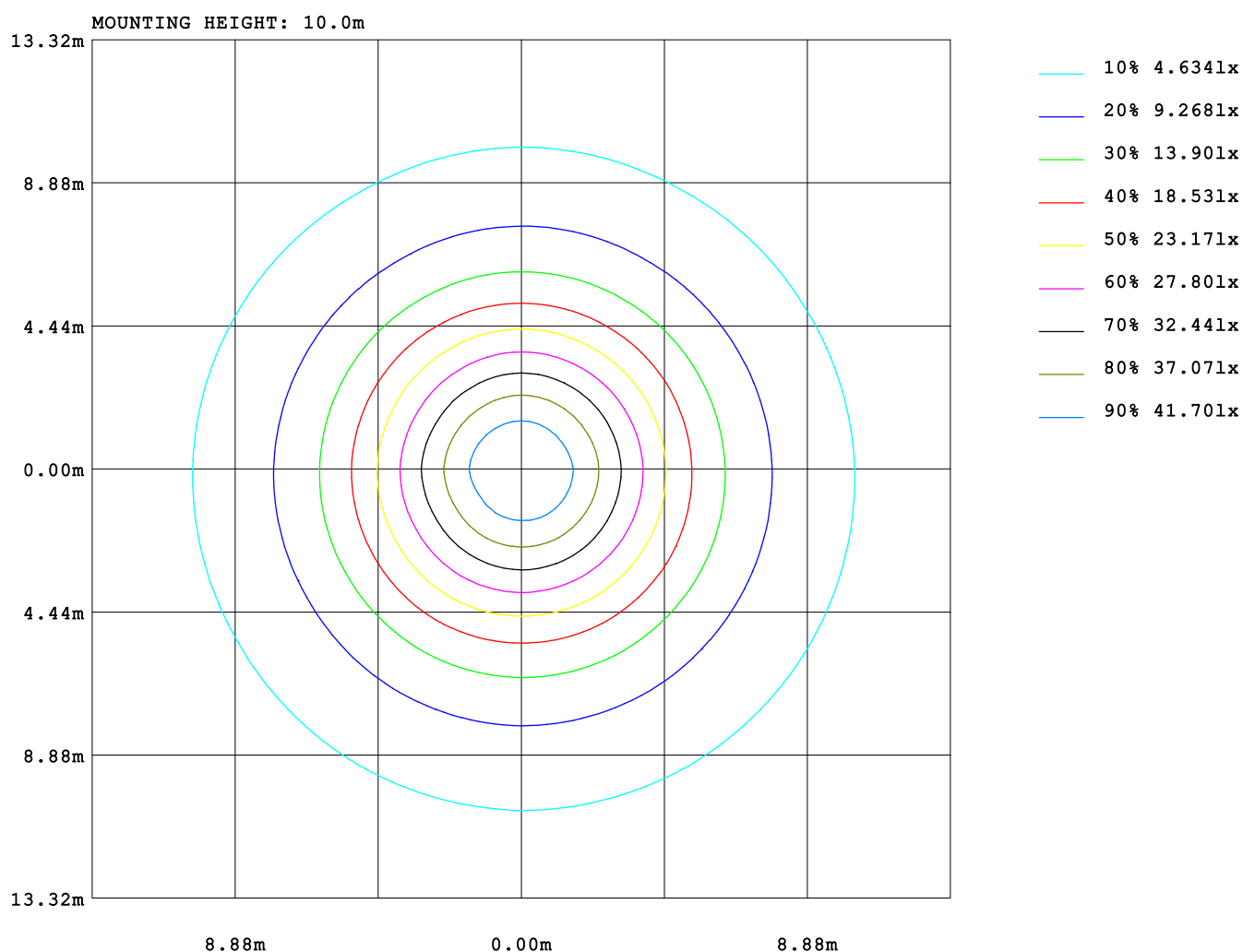
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ISOLUX DIAGRAM

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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	4607	4607	4607	4607	4607	4607	4607	4607	4607	4607	4607	4607
5.0	4513	4519	4526	4526	4527	4518	4514	4500	4493	4496	4502	4515
10.0	4265	4275	4290	4296	4291	4278	4264	4227	4208	4226	4232	4256
15.0	3897	3910	3926	3942	3927	3911	3900	3837	3816	3841	3850	3888
20.0	3447	3480	3503	3512	3501	3472	3437	3363	3334	3344	3365	3421
25.0	2953	3003	3035	3041	3032	2991	2940	2883	2855	2856	2875	2932
30.0	2472	2547	2578	2590	2571	2526	2447	2396	2367	2366	2387	2447
35.0	2081	2134	2181	2191	2162	2097	2025	1973	1941	1958	1972	2031
40.0	1730	1780	1829	1841	1804	1737	1679	1627	1591	1610	1619	1680
45.0	1428	1478	1520	1531	1492	1426	1372	1325	1287	1304	1308	1362
50.0	1140	1197	1235	1229	1203	1148	1100	1068	1031	1034	1044	1095
55.0	688	928	950	899	926	890	723	769	761	605	775	771
60.0	213	599	637	286	625	587	201	510	482	197	488	528
65.0	126	266	299	134	294	268	121	212	189	111	190	216
70.0	73.4	110	110	75.7	111	111	74.6	98.8	91.6	71.3	92.3	100
75.0	39.9	63.2	62.5	40.1	63.1	60.7	35.7	52.9	48.1	35.0	48.5	54.6
80.0	15.2	25.6	27.2	16.5	25.9	24.4	13.2	20.1	17.6	14.8	18.0	20.9
85.0	3.61	5.61	7.66	4.63	7.20	5.34	2.43	4.88	2.85	3.22	2.96	5.16
90.0	1.21	0.59	1.67	0.77	1.68	0.55	0.86	1.40	0.59	1.18	0.55	1.41

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