

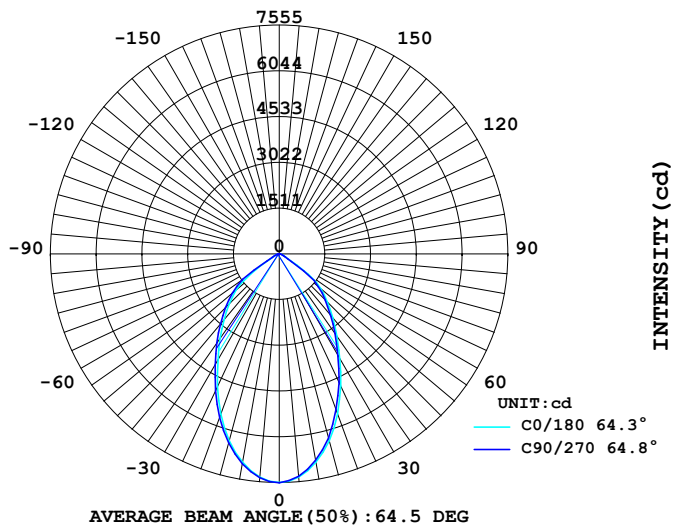
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

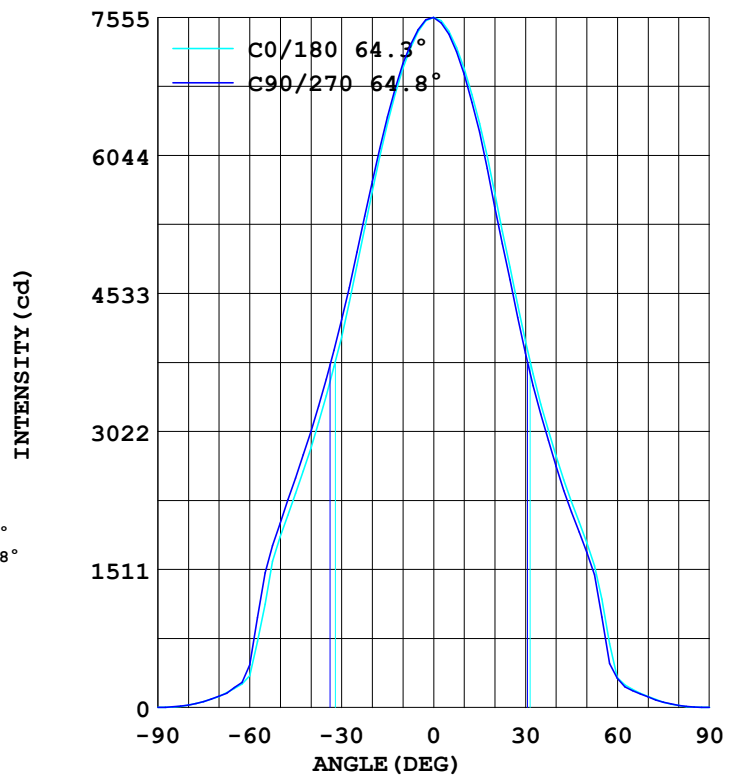
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-S48N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

DATA OF LAMP		Imax (cd)	7555	S/MH (C0/180)	0.90
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.92
NOMINAL POWER (W)	80	TOTAL FLUX (lm)	10227	Voltage (V)	230.1
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.8	Current (A)	0.362
NOMINAL FLUX (lm)	10227.5	η up (%)	0.0	Power (W)	81.30
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	230.1	Effective Flux (lm)	10227.5	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



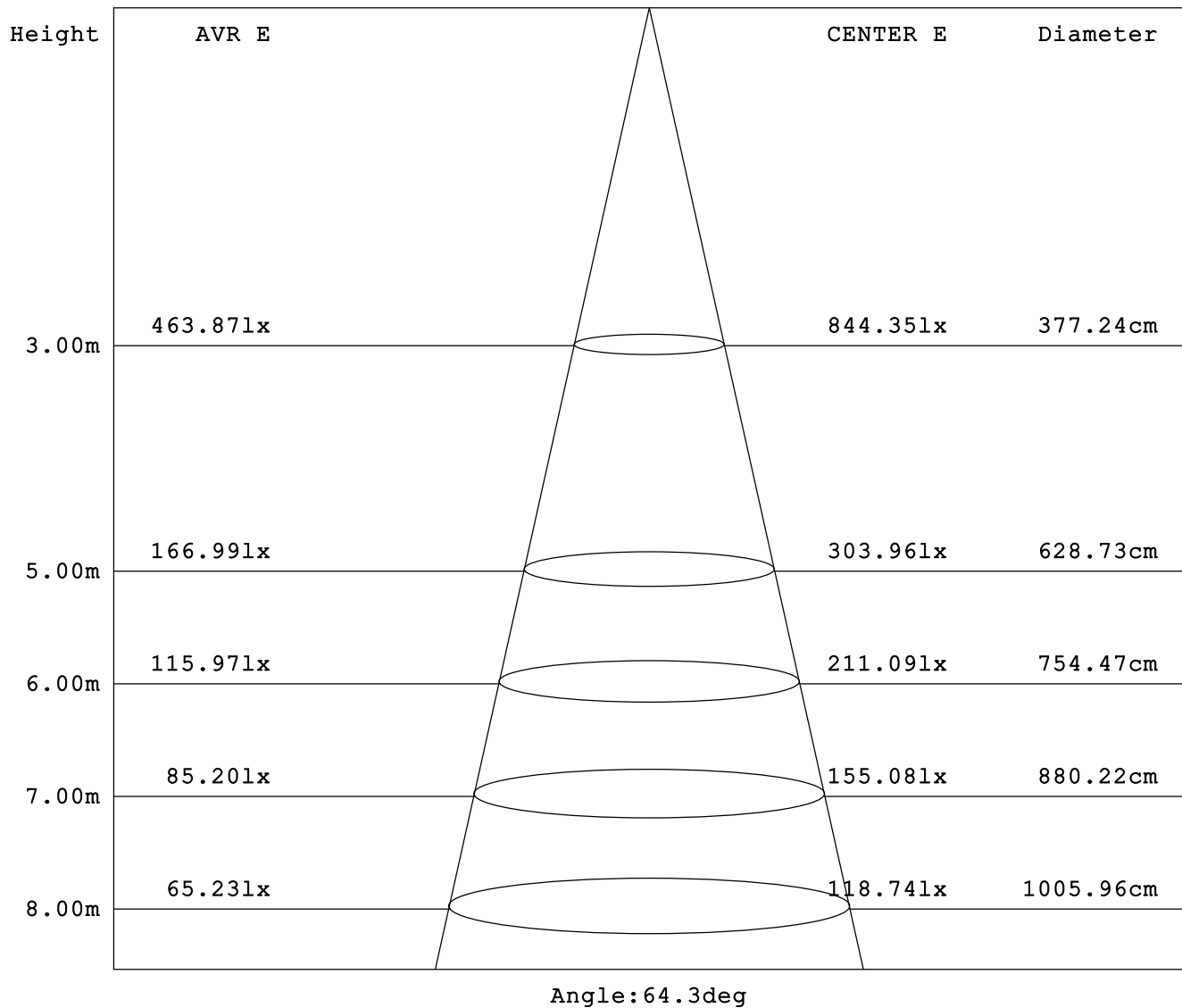
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-S48N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	7400	7416	7421	7415	7401	7373	7372	7393	0- 5	178.7	178.7
10.0	6993	7022	7044	7025	6992	6916	6929	6959	5- 10	514.1	692.9
15.0	6390	6424	6465	6426	6394	6275	6298	6344	10- 15	791.5	1484
20.0	5653	5725	5759	5716	5635	5491	5483	5564	15- 20	987.4	2472
25.0	4842	4951	4986	4938	4821	4704	4682	4761	20- 25	1095	3567
30.0	4053	4202	4247	4178	4013	3905	3880	3963	25- 30	1122	4689
35.0	3412	3538	3593	3492	3321	3209	3211	3282	30- 35	1092	5781
40.0	2837	2959	3019	2903	2752	2638	2640	2705	35- 40	1030	6810
45.0	2342	2458	2511	2393	2250	2141	2139	2189	40- 45	943.2	7754
50.0	1869	1994	2015	1928	1804	1720	1696	1754	45- 50	837.2	8591
55.0	1129	1540	1474	1489	1185	1254	991.6	1268	50- 55	696.1	9287
60.0	348.5	1014	468.1	993.9	329.2	813.4	322.3	833.4	55- 60	470.4	9758
65.0	207.0	463.2	219.6	460.8	197.7	328.6	182.3	332.9	60- 65	252.4	10010
70.0	120.5	180.6	124.2	181.6	122.3	156.1	116.9	158.1	65- 70	114.6	10125
75.0	65.43	103.1	65.90	101.5	58.70	82.88	57.40	84.57	70- 75	60.44	10185
80.0	25.01	43.30	27.13	41.29	21.76	31.04	24.30	31.94	75- 80	30.00	10215
85.0	5.921	10.88	7.604	10.28	3.997	6.350	5.293	6.658	80- 85	10.14	10225
90.0	1.998	1.856	1.267	1.832	1.406	1.634	1.938	1.608	85- 90	2.220	10227
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	

Test System:HOPOO HPG1800
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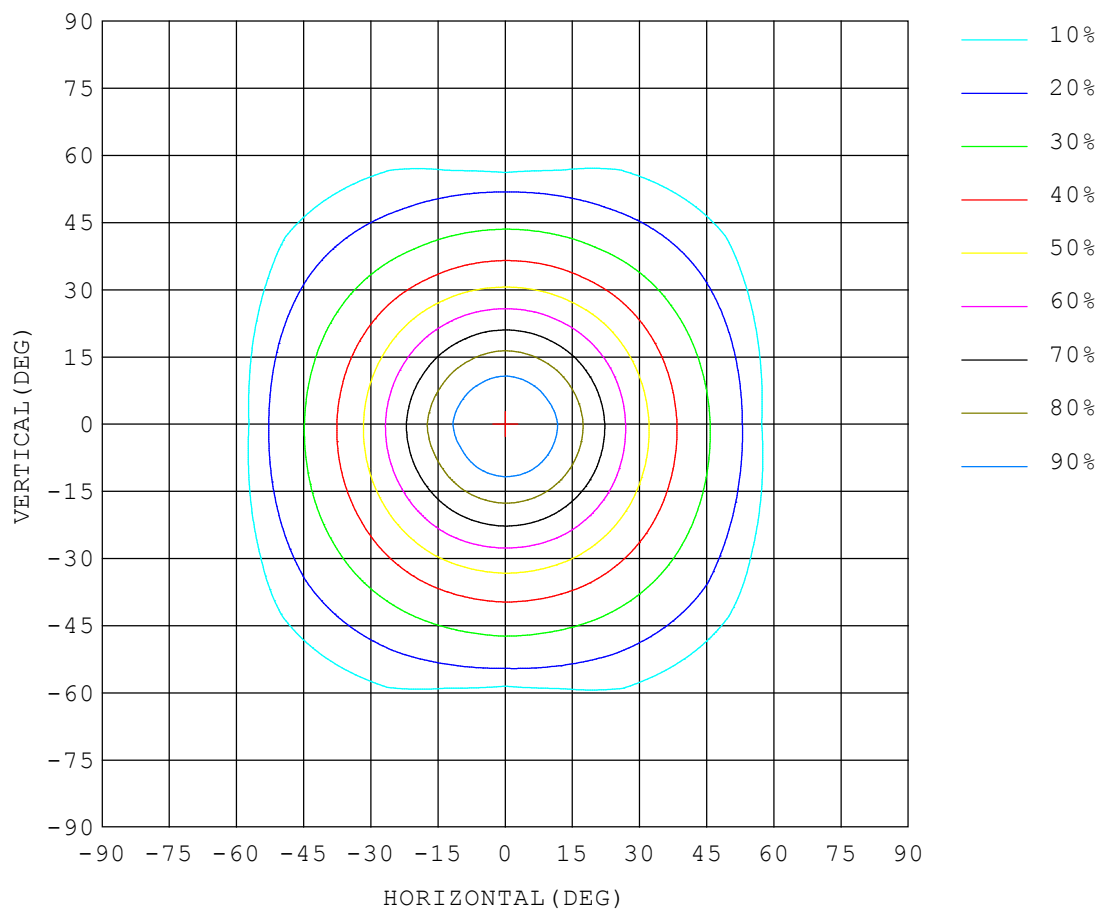
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ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



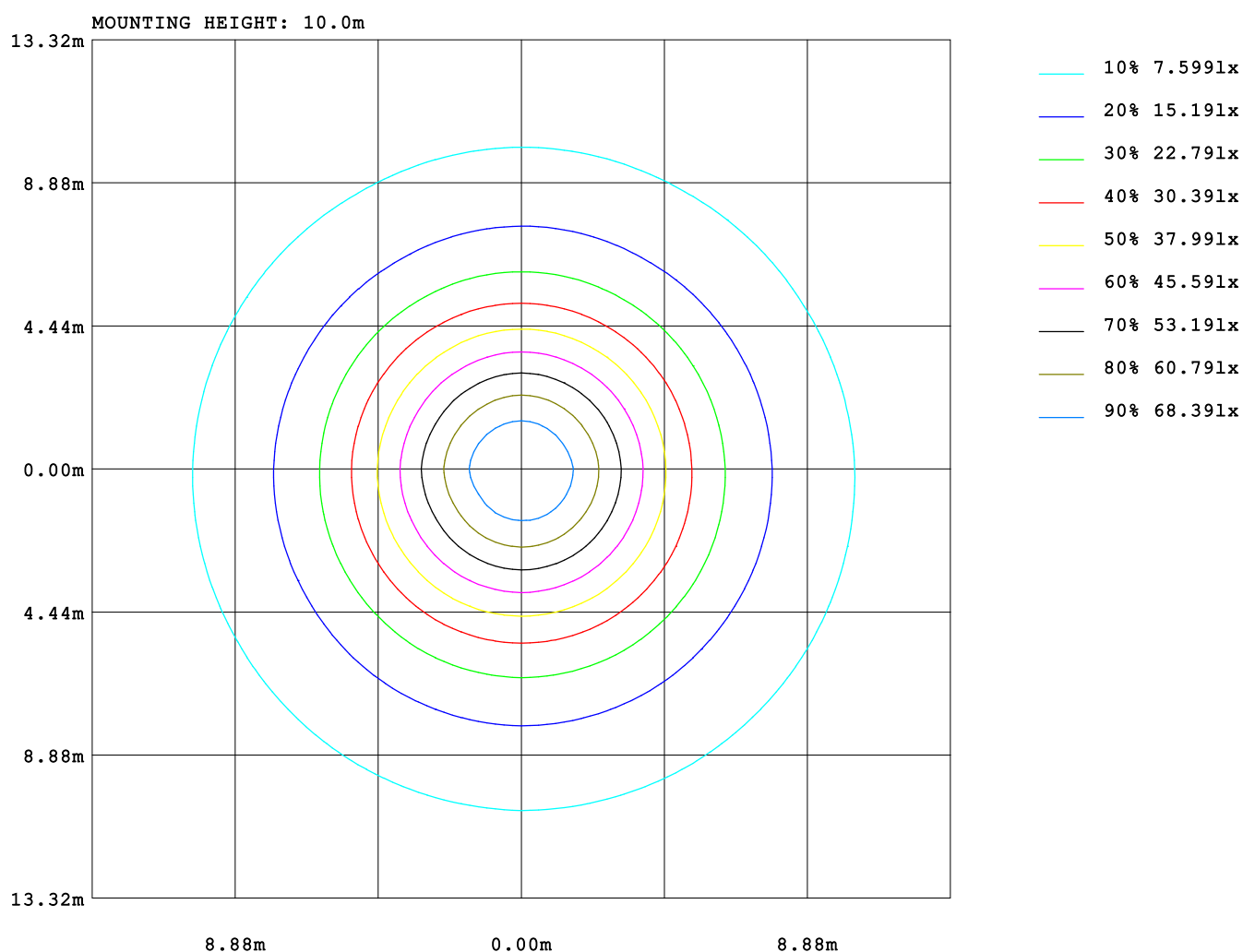
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 Operators:
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	7555	7555	7555	7555	7555	7555	7555	7555	7555	7555	7555	7555
5.0	7400	7411	7422	7421	7423	7408	7401	7379	7366	7372	7383	7403
10.0	6993	7010	7034	7044	7035	7015	6992	6931	6900	6929	6940	6978
15.0	6390	6411	6437	6465	6440	6413	6394	6292	6258	6298	6312	6375
20.0	5653	5707	5744	5759	5740	5692	5635	5514	5467	5483	5518	5610
25.0	4842	4924	4977	4986	4971	4904	4821	4727	4681	4682	4715	4808
30.0	4053	4176	4227	4247	4215	4141	4013	3928	3882	3880	3914	4012
35.0	3412	3500	3576	3593	3546	3439	3321	3235	3182	3211	3234	3330
40.0	2837	2919	2999	3019	2958	2847	2752	2668	2609	2640	2655	2755
45.0	2342	2423	2492	2511	2447	2339	2250	2173	2110	2139	2144	2233
50.0	1869	1963	2024	2015	1973	1882	1804	1751	1690	1696	1712	1796
55.0	1129	1522	1558	1474	1519	1459	1185	1261	1247	992	1271	1265
60.0	349	983	1045	468	1025	963	329	836	791	322	801	866
65.0	207	436	491	220	482	440	198	348	309	182	312	354
70.0	121	180	181	124	182	182	122	162	150	117	151	165
75.0	65.4	104	103	65.9	104	99.5	58.7	86.8	78.8	57.4	79.5	89.5
80.0	25.0	41.9	44.6	27.1	42.5	40.0	21.7	33.0	28.9	24.3	29.5	34.3
85.0	5.92	9.19	12.5	7.60	11.8	8.76	3.99	8.01	4.68	5.29	4.85	8.46
90.0	1.99	0.96	2.75	1.26	2.76	0.90	1.40	2.29	0.97	1.93	0.90	2.32

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