

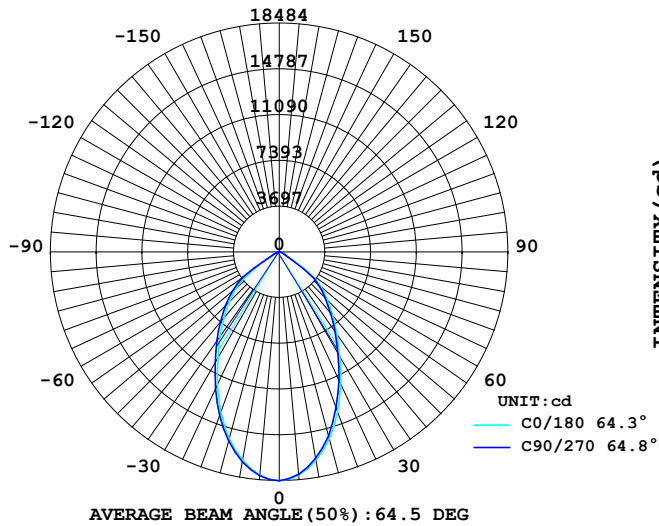
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

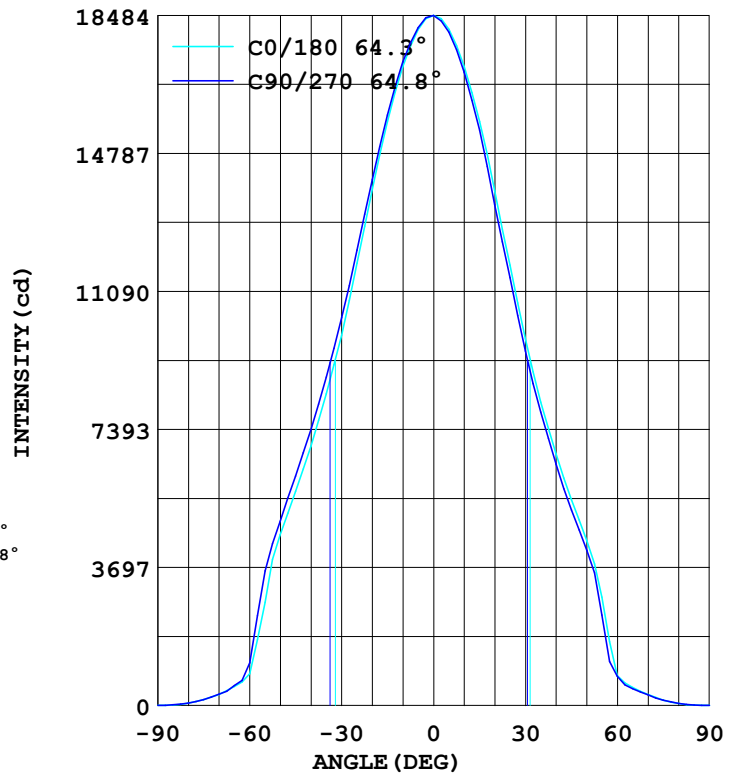
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-S48N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	18484	S/MH (C0/180)	0.90
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.92
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	25022	Voltage(V)	230.1
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.3	Current(A)	0.887
NOMINAL FLUX(lm)	25022.4	η up (%)	0.0	Power(W)	199.6
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.978
TEST VOLTAGE (V)	230.2	Effective Flux(lm)	25022.4	EEL	0.120

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



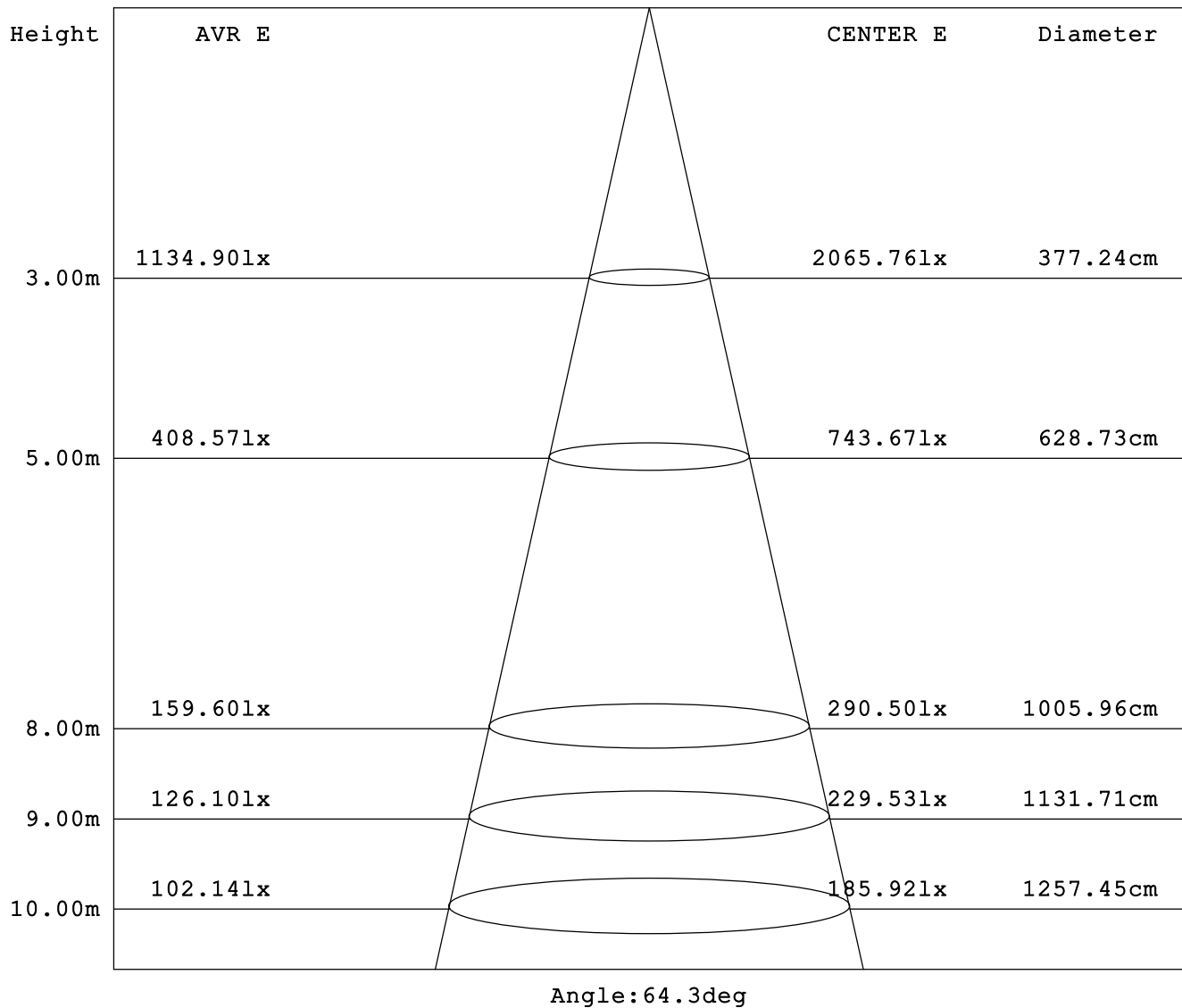
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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-FL200-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	1810	1814	1815	1814	1811	1804	1804	1809	0- 5	437.3	437.3
10.0	1711	1718	1723	1719	1711	1692	1695	1703	5- 10	1258	1695
15.0	1563	1572	1582	1572	1564	1535	1541	1552	10- 15	1937	3632
20.0	1383	1401	1409	1399	1379	1343	1342	1361	15- 20	2416	6048
25.0	1185	1211	1220	1208	1180	1151	1146	1165	20- 25	2678	8726
30.0	991.6	1028	1039	1022	981.8	955.3	949.3	969.5	25- 30	2746	11472
35.0	834.7	865.5	879.1	854.4	812.5	785.0	785.5	802.9	30- 35	2671	14143
40.0	694.1	723.8	738.6	710.1	673.3	645.5	645.9	661.7	35- 40	2519	16662
45.0	573.0	601.3	614.3	585.3	550.4	523.9	523.2	535.4	40- 45	2308	18970
50.0	457.3	487.7	493.0	471.5	441.4	420.9	414.9	429.0	45- 50	2048	21019
55.0	276.1	376.8	360.5	364.2	289.8	306.8	242.6	310.1	50- 55	1703	22722
60.0	85.28	248.0	114.5	243.1	80.55	199.0	78.86	203.9	55- 60	1151	23873
65.0	50.65	113.3	53.73	112.7	48.39	80.41	44.61	81.46	60- 65	617.5	24490
70.0	29.48	44.20	30.40	44.44	29.93	38.20	28.61	38.68	65- 70	280.4	24771
75.0	16.00	25.23	16.12	24.83	14.36	20.27	14.04	20.69	70- 75	147.8	24919
80.0	6.121	10.59	6.639	10.10	5.324	7.595	5.946	7.815	75- 80	73.40	24992
85.0	1.448	2.662	1.860	2.516	0.978	1.553	1.295	1.628	80- 85	24.83	25017
90.0	0.489	0.454	0.310	0.448	0.344	0.400	0.474	0.394	85- 90	5.432	25022
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: ×10cd									UNIT: lm	

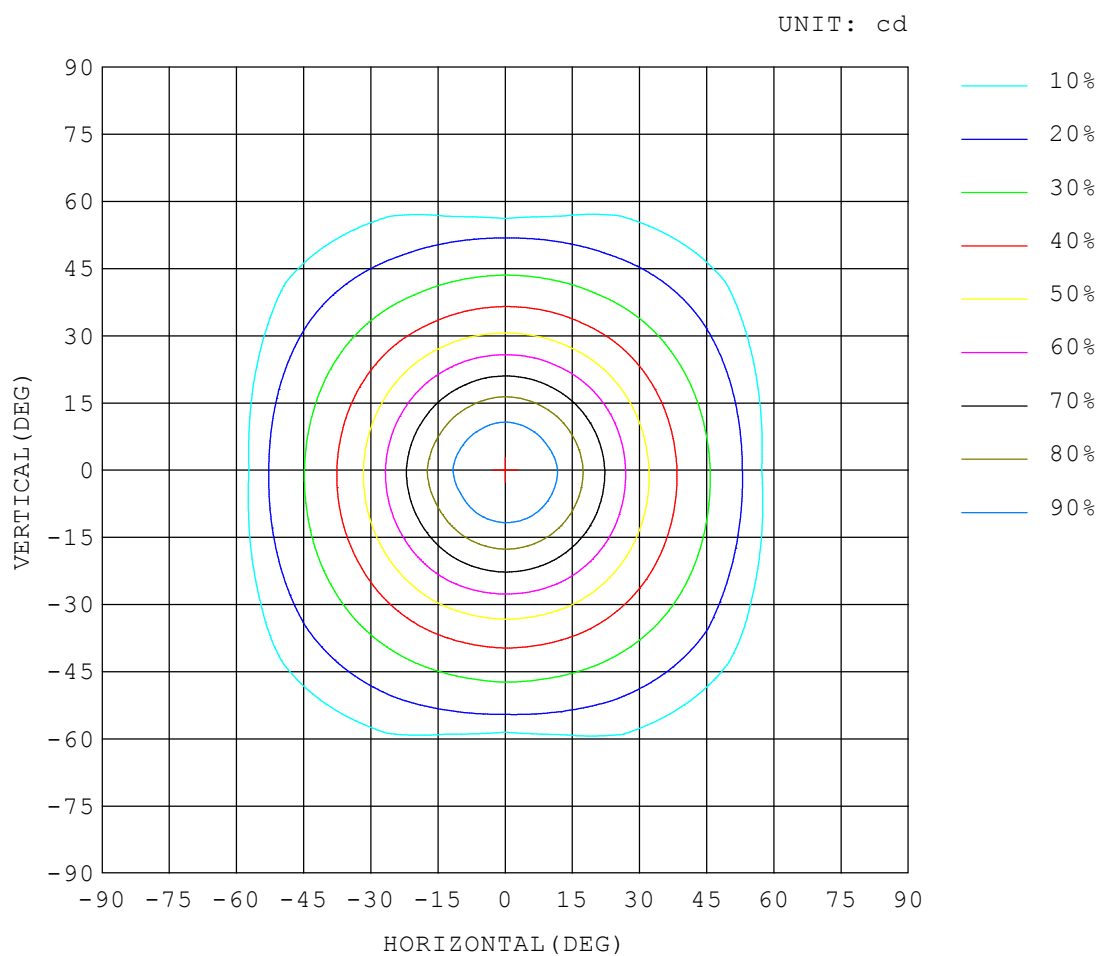
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ISOCANDELA DIAGRAM

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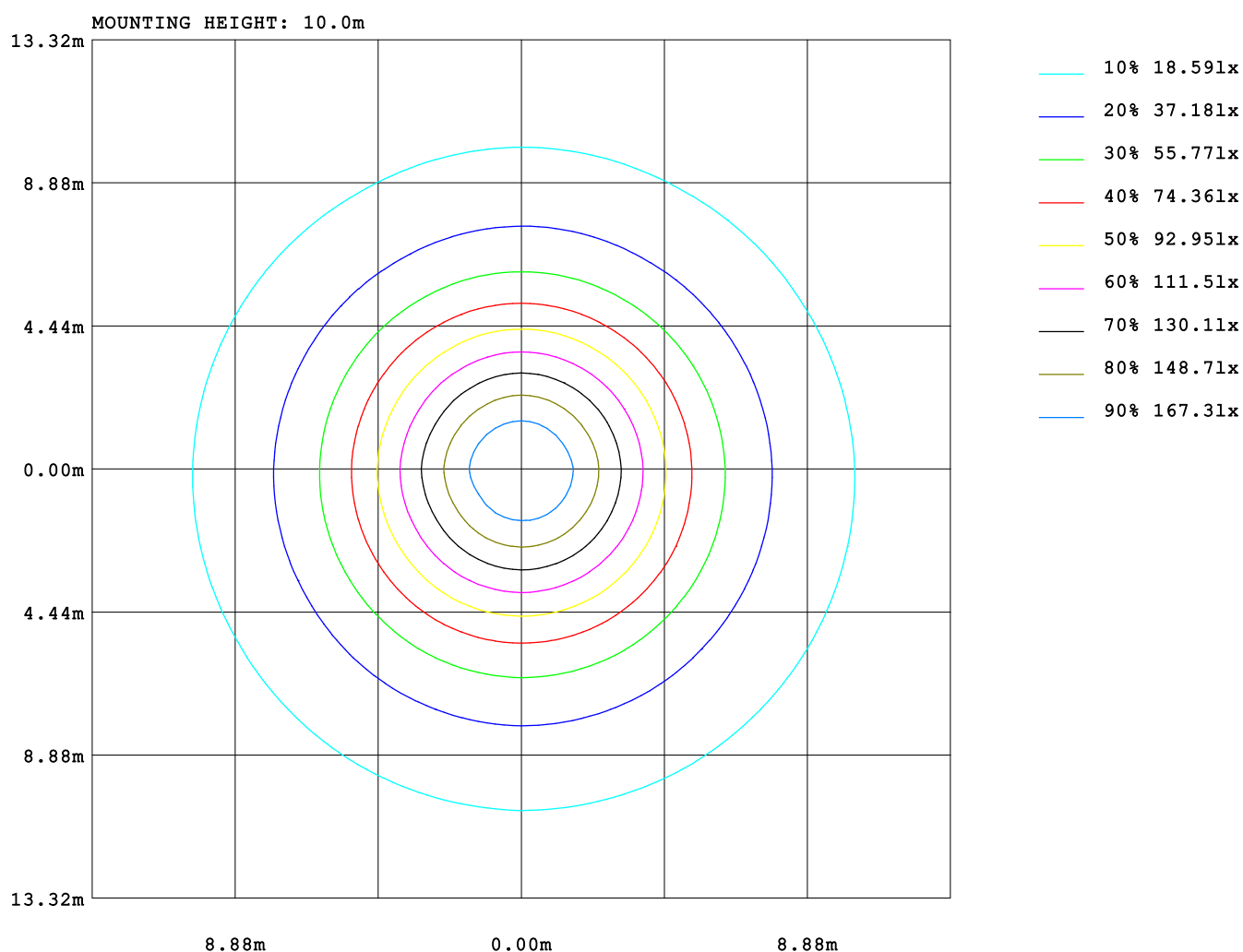
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848
5.0	1810	1813	1816	1815	1816	1812	1811	1805	1802	1804	1806	1811
10.0	1711	1715	1721	1723	1721	1716	1711	1696	1688	1695	1698	1707
15.0	1563	1568	1575	1582	1576	1569	1564	1539	1531	1541	1544	1560
20.0	1383	1396	1405	1409	1404	1393	1379	1349	1338	1342	1350	1372
25.0	1185	1205	1218	1220	1216	1200	1180	1157	1145	1146	1154	1176
30.0	992	1022	1034	1039	1031	1013	982	961	950	949	958	981
35.0	835	856	875	879	868	841	813	791	779	786	791	815
40.0	694	714	734	739	724	697	673	653	638	646	650	674
45.0	573	593	610	614	599	572	550	532	516	523	525	546
50.0	457	480	495	493	483	460	441	428	413	415	419	439
55.0	276	372	381	361	372	357	290	308	305	243	311	309
60.0	85.2	240	256	115	251	236	80.5	204	194	78.8	196	212
65.0	50.6	107	120	53.7	118	108	48.3	85.1	75.6	44.6	76.2	86.6
70.0	29.4	44.1	44.2	30.4	44.4	44.4	29.9	39.6	36.7	28.6	37.0	40.3
75.0	16.0	25.3	25.0	16.1	25.3	24.3	14.3	21.2	19.3	14.0	19.4	21.9
80.0	6.12	10.2	10.9	6.63	10.4	9.80	5.32	8.09	7.09	5.94	7.22	8.41
85.0	1.44	2.25	3.07	1.86	2.88	2.14	0.98	1.96	1.14	1.29	1.18	2.07
90.0	0.49	0.24	0.67	0.31	0.68	0.22	0.34	0.56	0.24	0.47	0.22	0.57

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