

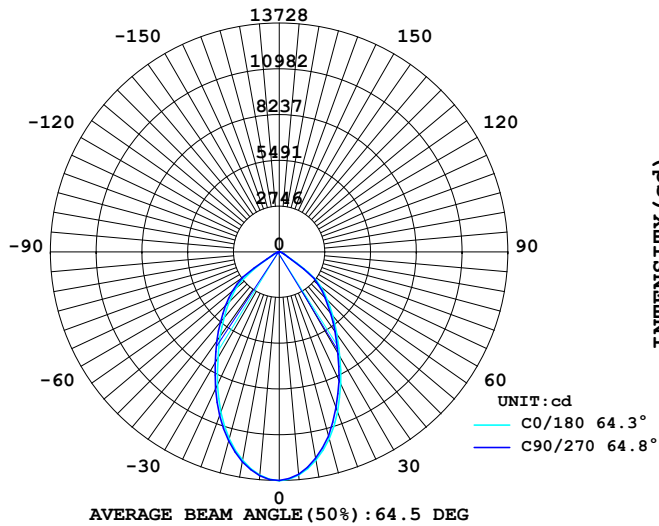
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

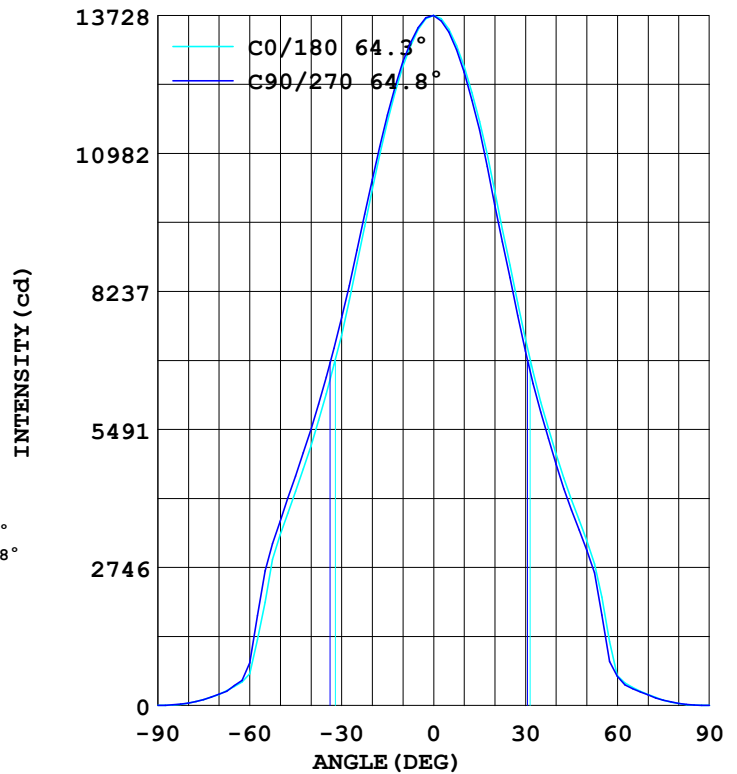
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL150-S48N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	13728	S/MH (C0/180)	0.90
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.92
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	18584	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.4	Current(A)	0.663
NOMINAL FLUX(lm)	18584.2	η up (%)	0.0	Power(W)	148.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	229.6	Effective Flux(lm)	18584.2	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



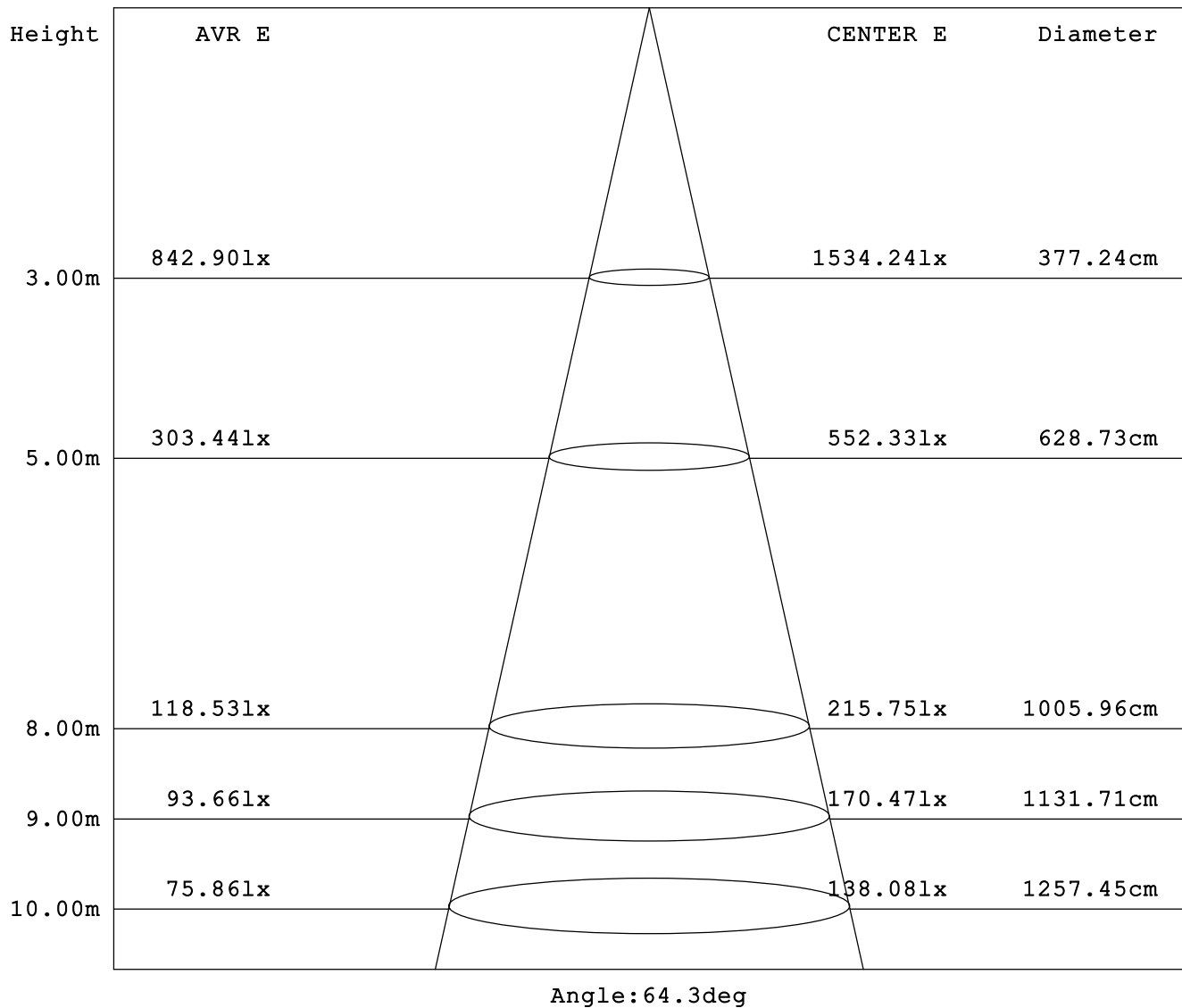
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

Test Set: 6.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LUCKY SSL	Address:	
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 Operators:
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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL150-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	1345	1348	1348	1347	1345	1340	1340	1343	0- 5	324.8	324.8
10.0	1271	1276	1280	1277	1270	1257	1259	1264	5- 10	934.2	1259
15.0	1161	1167	1175	1168	1162	1140	1144	1153	10- 15	1438	2697
20.0	1027	1040	1046	1039	1024	997.7	996.3	1011	15- 20	1794	4492
25.0	879.8	899.5	905.9	897.2	876.0	854.7	850.8	865.1	20- 25	1989	6481
30.0	736.4	763.4	771.6	759.2	729.2	709.5	705.0	720.0	25- 30	2039	8520
35.0	619.9	642.8	652.9	634.6	603.4	583.0	583.4	596.3	30- 35	1984	10504
40.0	515.5	537.6	548.6	527.4	500.1	479.4	479.7	491.4	35- 40	1871	12375
45.0	425.6	446.6	456.2	434.7	408.7	389.1	388.6	397.6	40- 45	1714	14089
50.0	339.6	362.2	366.2	350.2	327.8	312.6	308.2	318.6	45- 50	1521	15611
55.0	205.0	279.8	267.7	270.5	215.3	227.8	180.1	230.3	50- 55	1265	16875
60.0	63.33	184.2	85.07	180.6	59.82	147.8	58.57	151.4	55- 60	854.8	17730
65.0	37.62	84.16	39.90	83.73	35.93	59.72	33.13	60.50	60- 65	458.6	18189
70.0	21.89	32.82	22.58	33.00	22.23	28.37	21.25	28.73	65- 70	208.2	18397
75.0	11.89	18.73	11.97	18.44	10.66	15.06	10.43	15.36	70- 75	109.8	18507
80.0	4.546	7.868	4.931	7.503	3.954	5.641	4.416	5.804	75- 80	54.51	18562
85.0	1.076	1.977	1.381	1.869	0.726	1.153	0.962	1.209	80- 85	18.44	18580
90.0	0.363	0.337	0.230	0.333	0.256	0.297	0.352	0.292	85- 90	4.034	18584
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	

Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
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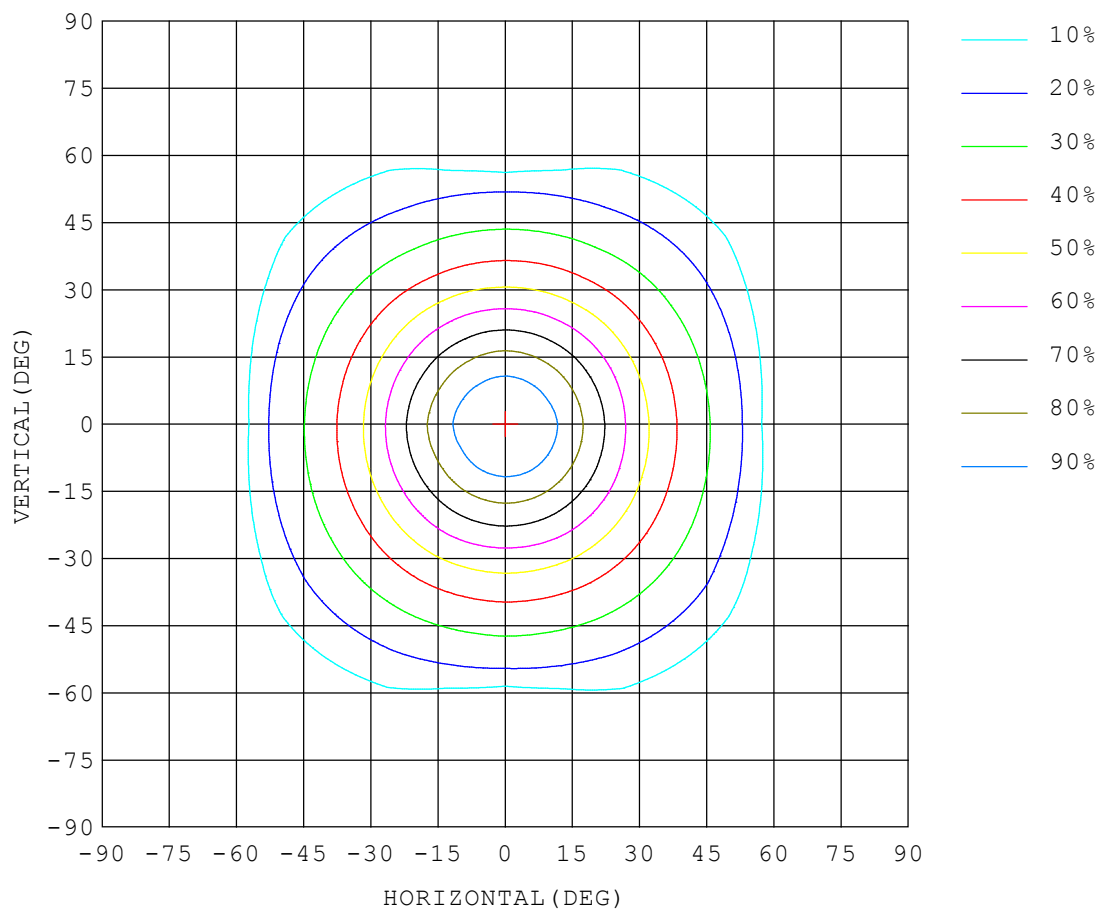
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 Remarks:

ISOCANDELA DIAGRAM

Report number:

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NAME: FK-FL150-S48N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

UNIT: cd



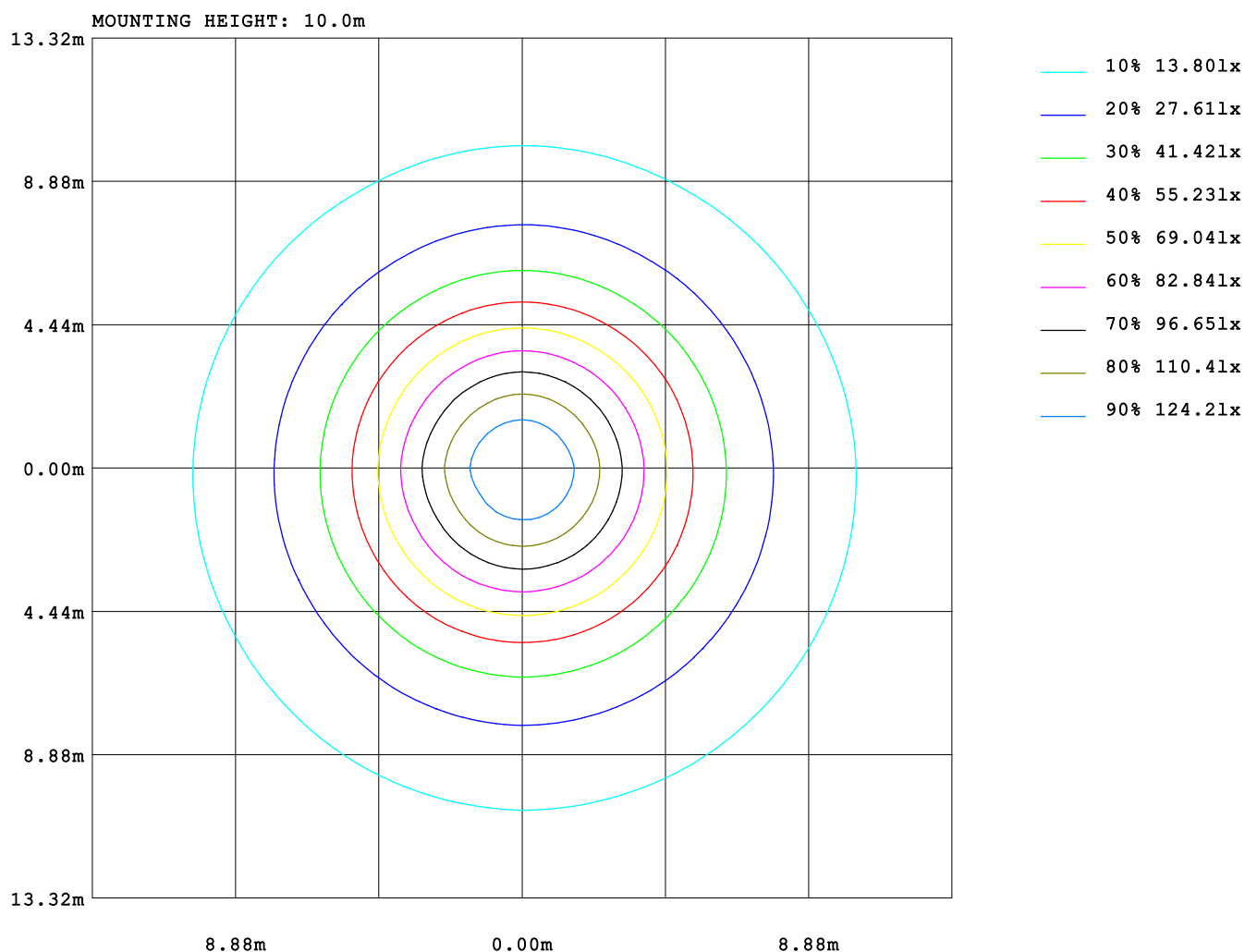
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
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Test Set: 6.0 deg/s C-Gamma (TYPE C)
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ISOLUX DIAGRAM

Report number:

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



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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL150-S48N-HB3	TYPE:4000K/5000K/5700K	WEIGHT:
SPECIFICATION:2835 LED	DIMENSION: 60deg	SERIAL No.:

UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1373	1373	1373	1373	1373	1373	1373	1373	1373	1373	1373	1373
5.0	1345	1347	1349	1348	1349	1346	1345	1341	1339	1340	1341	1345
10.0	1271	1274	1278	1280	1278	1275	1270	1259	1254	1259	1261	1268
15.0	1161	1165	1170	1175	1170	1165	1162	1143	1137	1144	1147	1158
20.0	1027	1037	1044	1046	1043	1034	1024	1002	993	996	1003	1019
25.0	880	895	904	906	903	891	876	859	851	851	857	874
30.0	736	759	768	772	766	752	729	714	705	705	711	729
35.0	620	636	650	653	644	625	603	588	578	583	588	605
40.0	516	530	545	549	537	517	500	485	474	480	482	501
45.0	426	440	453	456	445	425	409	395	383	389	390	406
50.0	340	357	368	366	359	342	328	318	307	308	311	326
55.0	205	277	283	268	276	265	215	229	227	180	231	230
60.0	63.3	179	190	85.0	186	175	59.8	152	144	58.5	145	157
65.0	37.6	79.1	89.1	39.9	87.5	79.8	35.9	63.2	56.1	33.1	56.6	64.3
70.0	21.8	32.7	32.8	22.5	32.9	33.0	22.2	29.4	27.2	21.2	27.5	29.9
75.0	11.8	18.8	18.6	11.9	18.8	18.0	10.6	15.7	14.3	10.4	14.4	16.2
80.0	4.54	7.63	8.10	4.93	7.72	7.28	3.95	6.01	5.26	4.41	5.36	6.24
85.0	1.07	1.67	2.28	1.38	2.14	1.59	0.73	1.45	0.85	0.96	0.88	1.53
90.0	0.36	0.18	0.50	0.23	0.50	0.16	0.26	0.42	0.18	0.35	0.16	0.42

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