

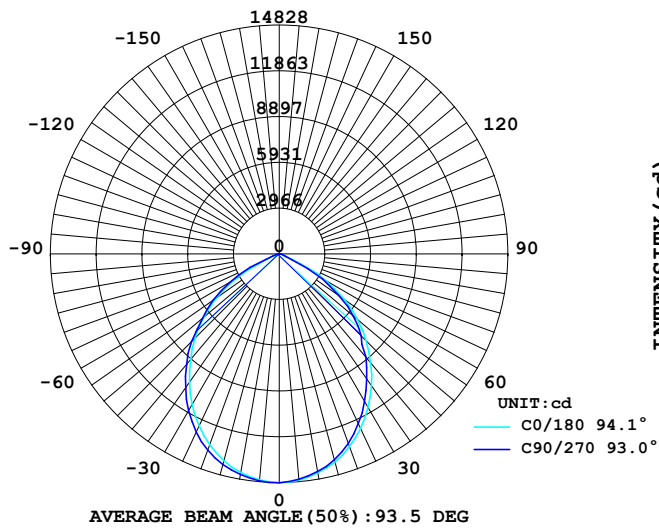
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

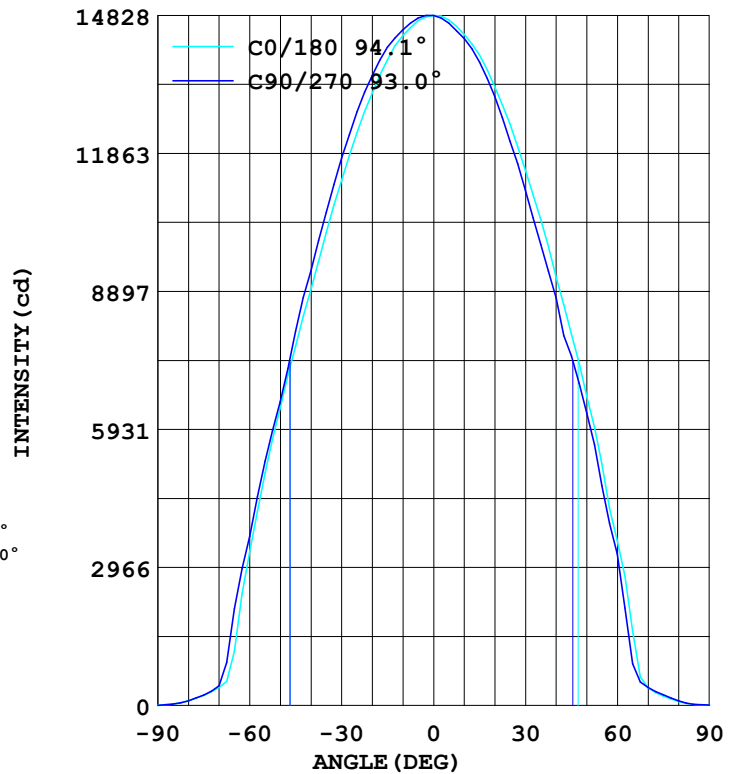
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL240-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	14828	S/MH (C0/180)	1.15
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.19
NOMINAL POWER(W)	240	TOTAL FLUX(lm)	30509	Voltage(V)	231.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.5	Current(A)	1.074
NOMINAL FLUX(lm)	30509.0	η up (%)	0.0	Power(W)	243.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.977
TEST VOLTAGE (V)	231.6	Effective Flux(lm)	30509.0	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



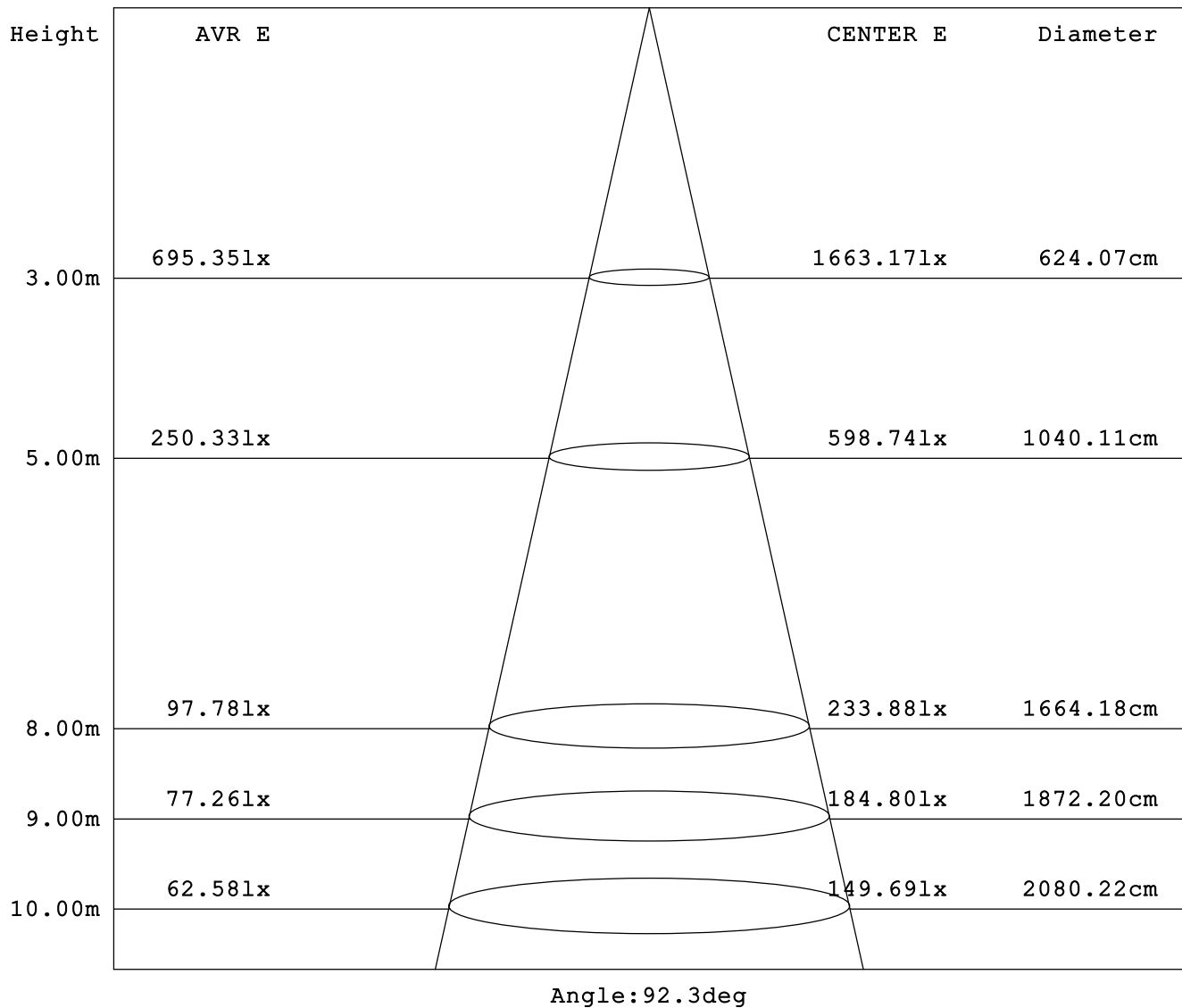
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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-FL240-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1472	1474	1477	1475	1473	1469	1466	1468	0- 5	353.1	353.1
10.0	1439	1446	1452	1449	1442	1434	1433	1433	5- 10	1042	1395
15.0	1387	1403	1414	1408	1397	1386	1382	1384	10- 15	1683	3077
20.0	1316	1339	1354	1347	1330	1314	1309	1311	15- 20	2244	5321
25.0	1231	1257	1275	1268	1249	1228	1213	1223	20- 25	2696	8017
30.0	1129	1159	1177	1173	1150	1126	1107	1116	25- 30	3019	11036
35.0	1016	1048	1059	1064	1044	1012	990.5	998.5	30- 35	3197	14234
40.0	893.5	918.9	933.9	938.5	920.6	891.4	876.2	874.6	35- 40	3232	17465
45.0	771.6	788.4	803.7	803.1	797.5	767.9	750.9	750.3	40- 45	3117	20583
50.0	638.4	667.3	652.4	687.8	663.1	644.5	627.5	628.0	45- 50	2899	23482
55.0	499.8	530.4	524.9	549.2	518.6	505.1	471.8	490.3	50- 55	2540	26022
60.0	331.1	391.3	364.0	402.3	354.1	348.8	325.5	340.8	55- 60	2025	28047
65.0	116.3	250.7	208.3	260.2	159.8	218.1	89.45	203.5	60- 65	1373	29420
70.0	38.59	126.6	42.40	131.4	37.93	84.92	38.95	64.57	65- 70	693.1	30113
75.0	21.96	34.68	22.61	36.38	20.34	23.43	22.83	23.02	70- 75	251.1	30364
80.0	10.19	13.80	10.26	14.27	8.751	9.007	9.737	8.736	75- 80	96.88	30461
85.0	3.238	4.845	2.921	5.001	2.275	2.686	2.567	2.578	80- 85	36.57	30498
90.0	1.181	1.013	0.664	1.111	0.963	1.013	1.195	1.022	85- 90	11.06	30509
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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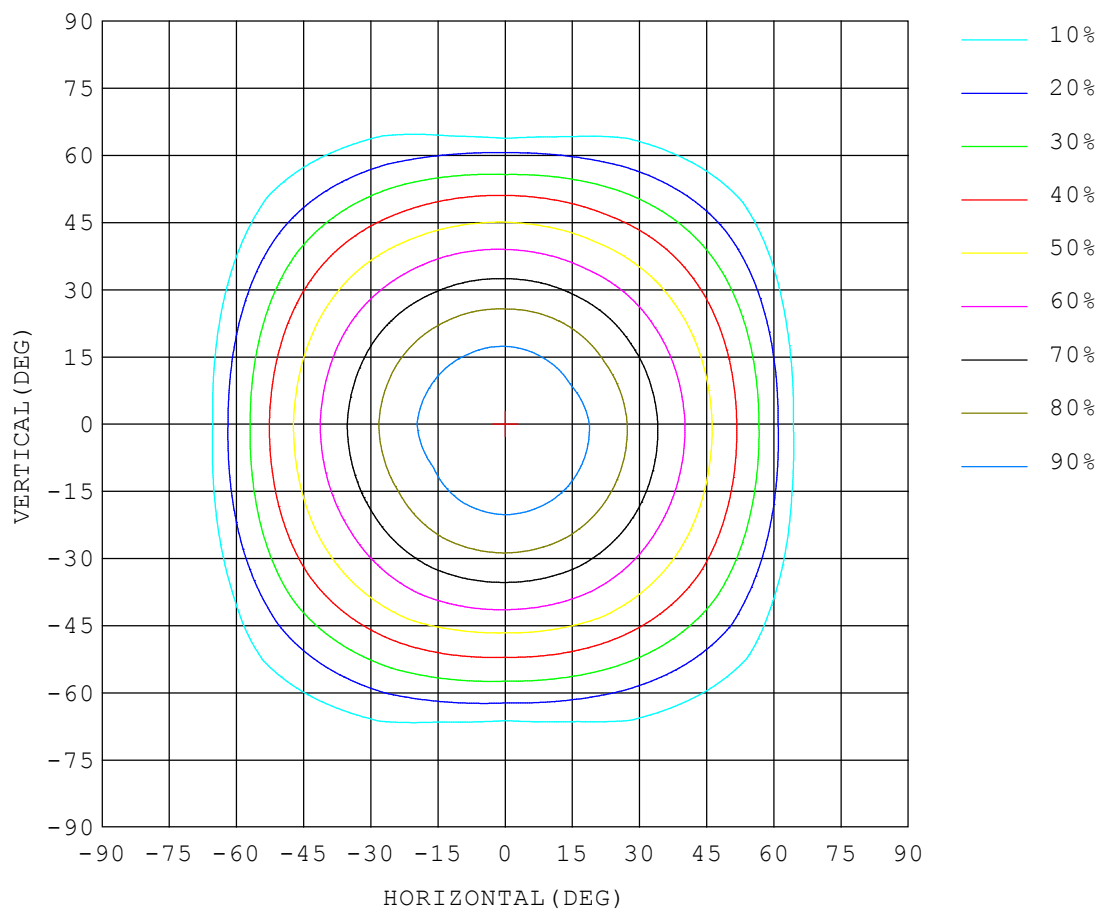
Test Set: 6.0deg/s C-Gamma (TYPE C)
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 Test Distance: 10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



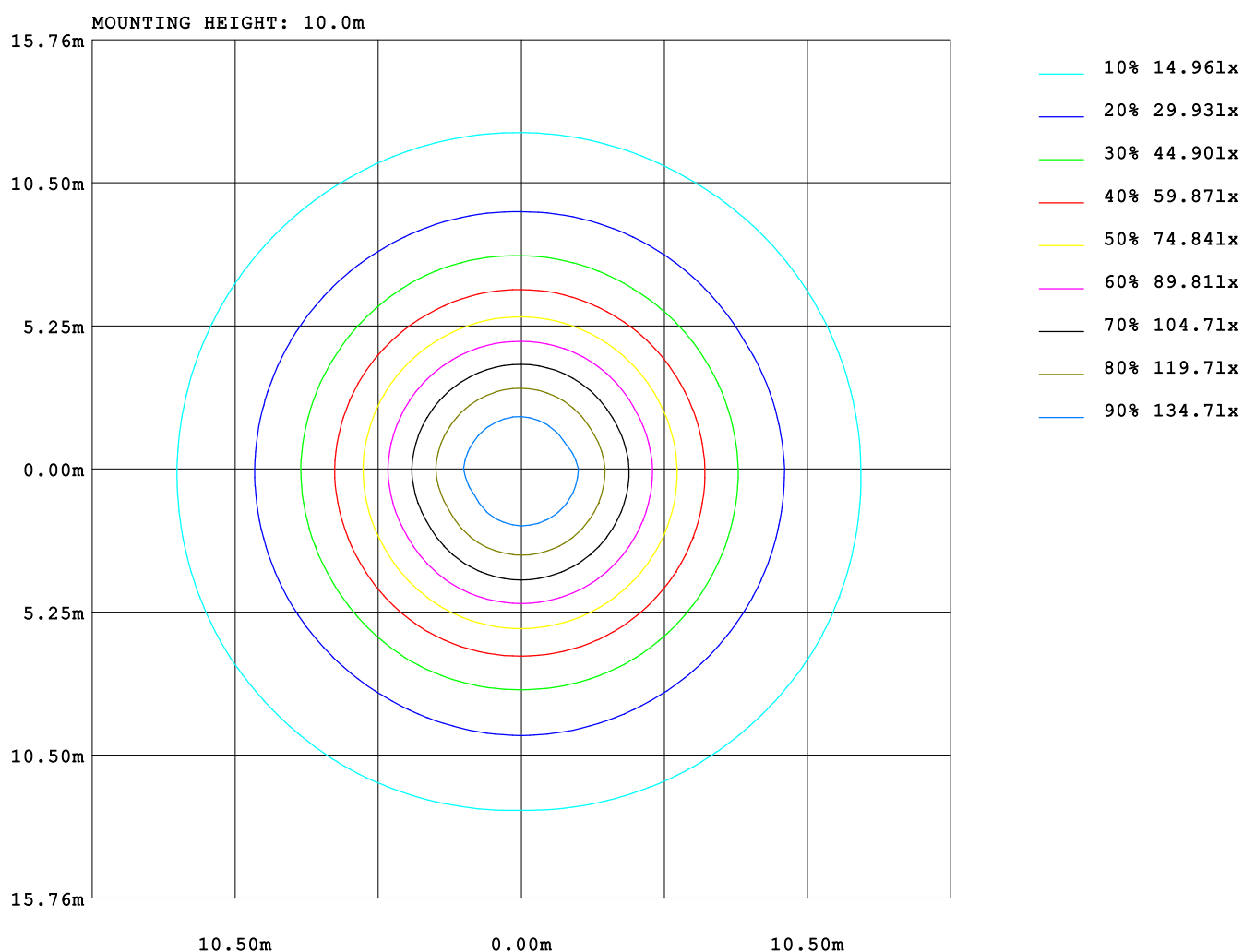
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 Operators:
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ISOLUX DIAGRAM

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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	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483
5.0	1472	1473	1475	1477	1477	1473	1473	1471	1468	1466	1467	1470
10.0	1439	1444	1448	1452	1453	1445	1442	1436	1432	1433	1432	1435
15.0	1387	1399	1408	1414	1412	1403	1397	1389	1383	1382	1382	1385
20.0	1316	1333	1345	1354	1352	1341	1330	1319	1309	1309	1309	1314
25.0	1231	1247	1267	1275	1276	1260	1249	1234	1221	1213	1221	1225
30.0	1129	1150	1168	1177	1179	1168	1150	1136	1115	1107	1109	1123
35.0	1016	1038	1057	1059	1069	1059	1044	1024	999	991	993	1004
40.0	894	906	932	934	946	931	921	904	879	876	867	882
45.0	772	787	790	804	792	814	798	778	757	751	742	759
50.0	638	662	673	652	688	688	663	654	635	628	621	635
55.0	500	528	533	525	547	551	519	515	496	472	486	495
60.0	331	392	391	364	403	401	354	357	341	326	331	351
65.0	116	250	252	208	260	261	160	221	215	89.4	203	204
70.0	38.5	125	129	42.4	133	130	37.9	88.7	81.0	38.9	72.3	56.7
75.0	21.9	31.7	37.6	22.6	39.7	33.0	20.3	24.0	22.8	22.8	22.3	23.6
80.0	10.1	13.1	14.5	10.2	14.9	13.5	8.75	8.79	9.22	9.73	8.88	8.58
85.0	3.23	4.13	5.55	2.92	5.68	4.31	2.27	3.12	2.25	2.56	2.17	2.98
90.0	1.18	0.53	1.50	0.66	1.59	0.62	0.96	1.36	0.66	1.19	0.67	1.37

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