

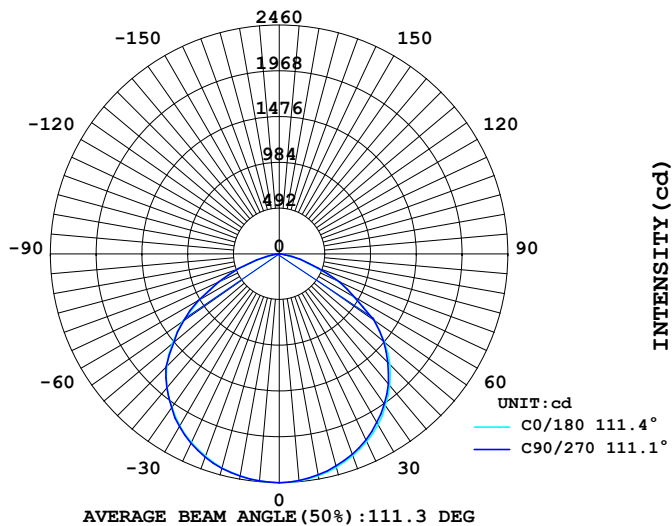
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

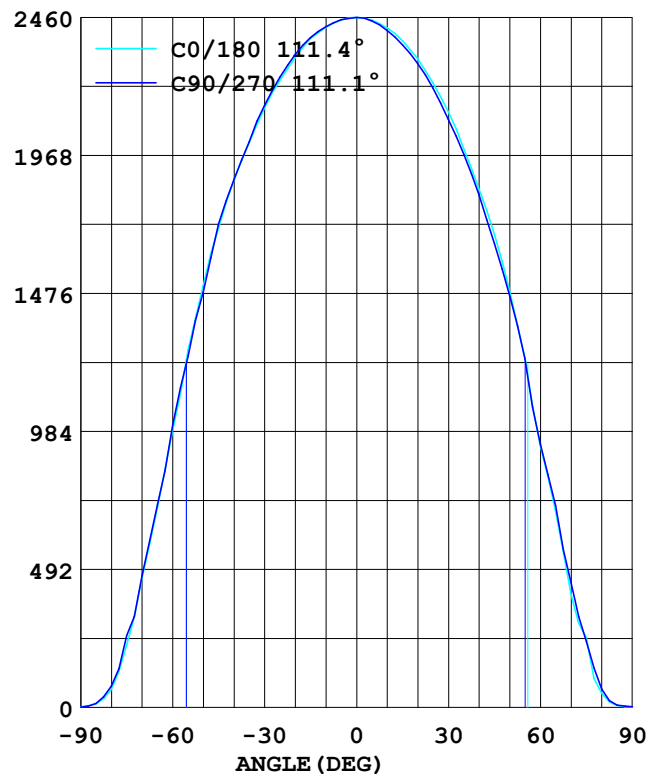
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL50-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	2460	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.30
NOMINAL POWER(W)	50	TOTAL FLUX(lm)	6629.4	Voltage(V)	231.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	130.5	Current(A)	0.225
NOMINAL FLUX(lm)	6629.4	η up (%)	0.0	Power(W)	50.79
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	231.8	Effective Flux(lm)	6629.4	EEL	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



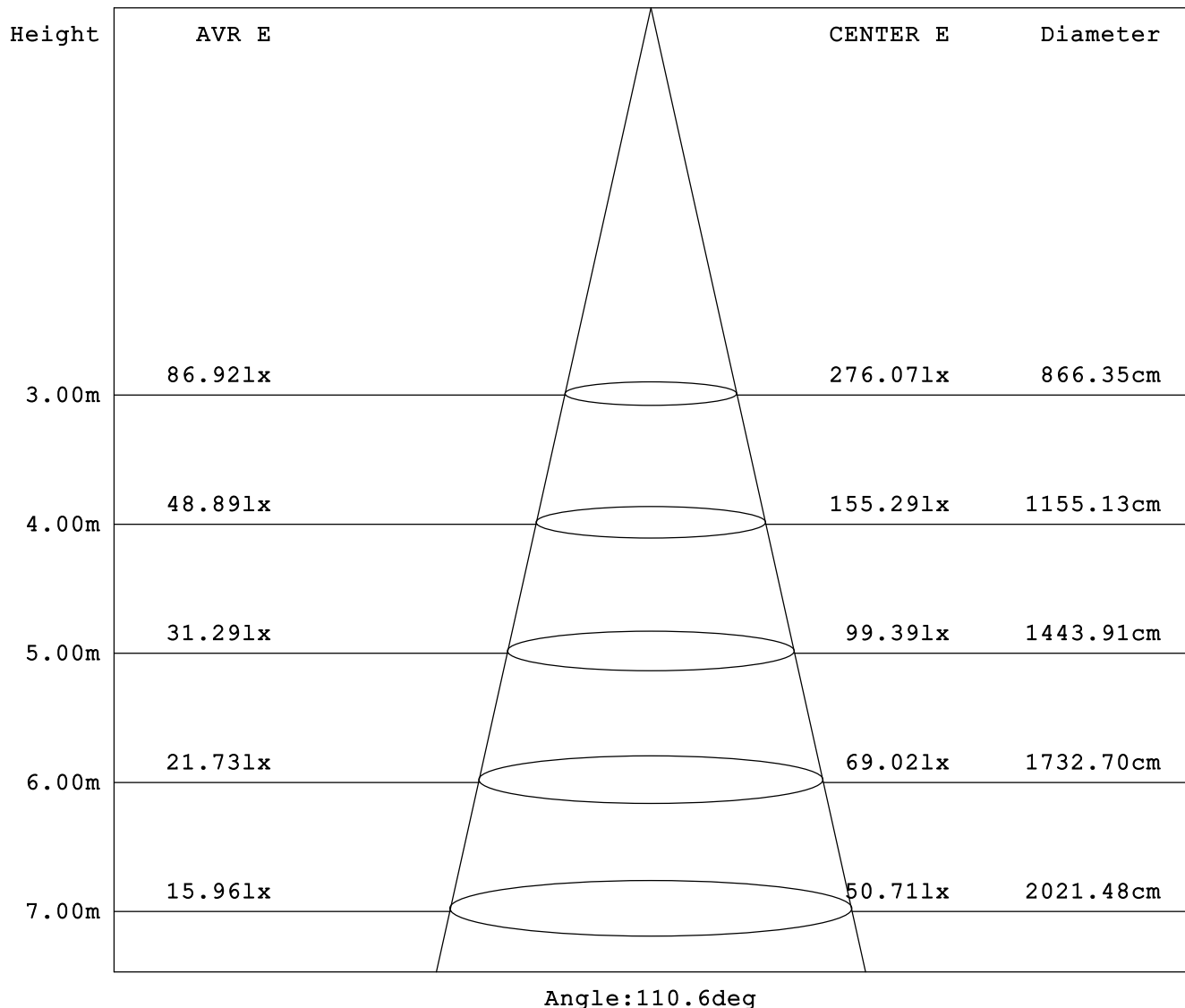
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2020.12.14

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-FL50-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2450	2450	2451	2450	2450	2449	2447	2448	0- 5	58.68	58.68
10.0	2424	2427	2426	2424	2421	2417	2413	2417	5- 10	174.2	232.9
15.0	2383	2388	2387	2381	2376	2367	2361	2370	10- 15	284.5	517.4
20.0	2316	2328	2328	2319	2312	2300	2295	2307	15- 20	386.4	903.9
25.0	2236	2247	2247	2236	2225	2211	2207	2220	20- 25	476.2	1380
30.0	2138	2149	2146	2135	2123	2106	2096	2115	25- 30	551.0	1931
35.0	2014	2043	2016	2009	1991	1974	1971	1987	30- 35	608.7	2540
40.0	1878	1887	1880	1868	1847	1826	1826	1844	35- 40	643.6	3184
45.0	1708	1722	1723	1705	1685	1659	1653	1679	40- 45	656.8	3841
50.0	1503	1552	1479	1530	1482	1471	1465	1490	45- 50	645.6	4486
55.0	1275	1315	1253	1289	1248	1252	1243	1266	50- 55	603.6	5090
60.0	989.5	1063	1007	1033	932.7	970.0	940.5	1007	55- 60	525.7	5616
65.0	711.7	782.4	721.8	756.0	699.3	708.8	719.0	726.6	60- 65	419.6	6035
70.0	461.0	528.6	469.8	499.1	404.4	438.8	445.1	460.2	65- 70	304.7	6340
75.0	222.6	281.4	255.7	255.0	247.7	231.4	235.6	238.1	70- 75	182.8	6523
80.0	64.99	112.3	75.43	91.02	51.28	60.31	65.60	66.98	75- 80	81.47	6604
85.0	12.56	22.43	13.96	17.94	7.707	7.575	9.056	11.55	80- 85	21.43	6626
90.0	2.569	2.301	1.252	2.128	1.712	1.821	2.601	2.224	85- 90	3.664	6629
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
 Temperature:25.3DEG
 Operators:
 Test Date:2020.12.14

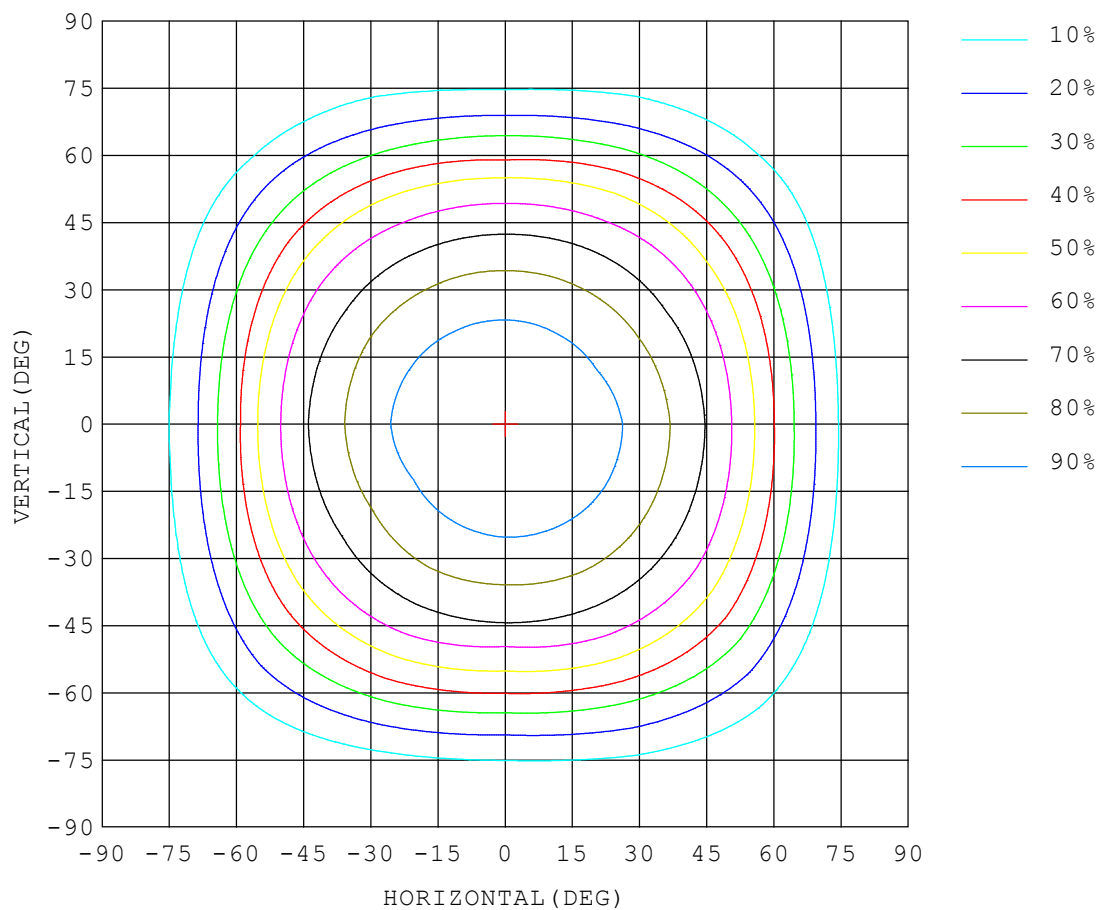
Test Set: 6.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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 Remarks:

ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

UNIT: cd



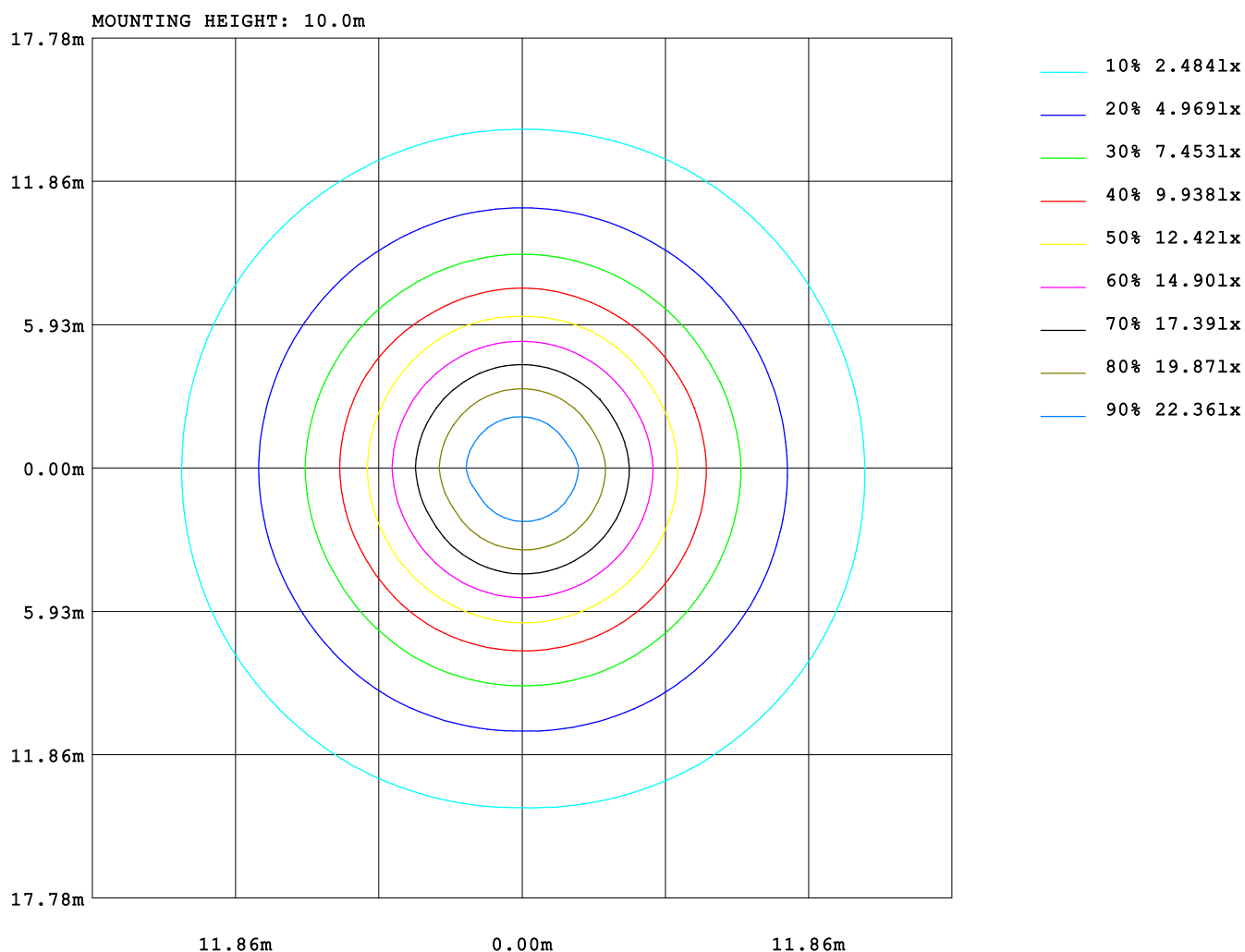
Test System: HOPOO HPG1800
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 Operators:
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460
5.0	2450	2450	2450	2451	2450	2450	2450	2449	2450	2447	2447	2448
10.0	2424	2426	2428	2426	2426	2422	2421	2418	2416	2413	2416	2418
15.0	2383	2386	2390	2387	2385	2377	2376	2369	2365	2361	2367	2374
20.0	2316	2326	2330	2328	2323	2314	2312	2303	2296	2295	2301	2313
25.0	2236	2247	2247	2247	2239	2233	2225	2215	2206	2207	2212	2227
30.0	2138	2147	2150	2146	2138	2131	2123	2110	2101	2096	2107	2123
35.0	2014	2054	2032	2016	2020	1997	1991	1987	1962	1971	1971	2003
40.0	1878	1879	1895	1880	1883	1853	1847	1839	1813	1826	1827	1861
45.0	1708	1720	1725	1723	1716	1694	1685	1669	1649	1653	1664	1694
50.0	1503	1549	1554	1479	1540	1521	1482	1481	1462	1465	1476	1505
55.0	1275	1317	1313	1253	1290	1289	1248	1253	1252	1243	1271	1262
60.0	990	1074	1053	1007	1036	1030	933	973	967	941	999	1015
65.0	712	794	770	722	754	758	699	703	714	719	732	721
70.0	461	530	527	470	494	504	404	435	443	445	460	461
75.0	223	271	292	256	256	254	248	201	262	236	267	209
80.0	64.9	112	113	75.4	88.9	93.0	51.2	58.3	62.2	65.6	67.5	66.4
85.0	12.5	19.5	25.3	13.9	20.4	15.3	7.70	8.70	6.43	9.05	10.3	12.7
90.0	2.56	1.14	3.45	1.25	3.09	1.16	1.71	2.87	0.77	2.60	1.35	3.09

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