

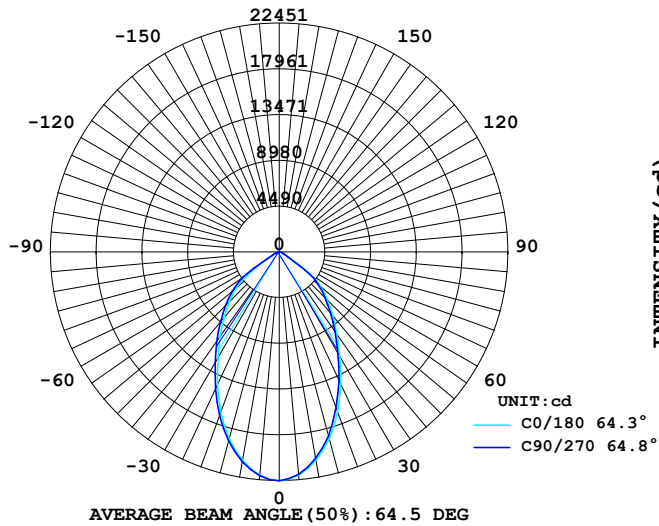
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

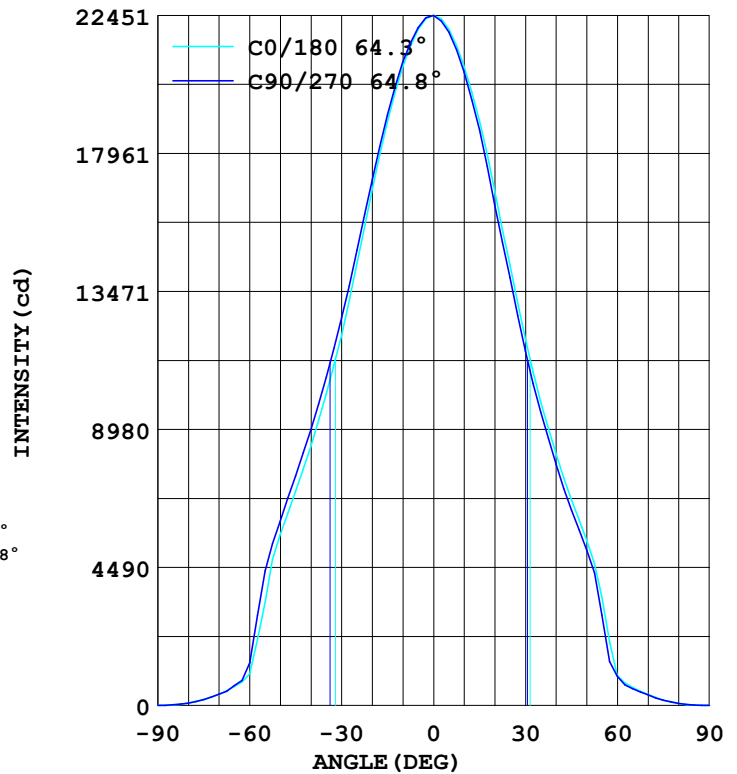
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL240-S48N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	22451	S/MH (C0/180)	0.90
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.92
NOMINAL POWER(W)	240	TOTAL FLUX(lm)	30393	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.8	Current(A)	1.074
NOMINAL FLUX(lm)	30393.3	η up (%)	0.0	Power(W)	241.6
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	230.7	Effective Flux(lm)	30393.3	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



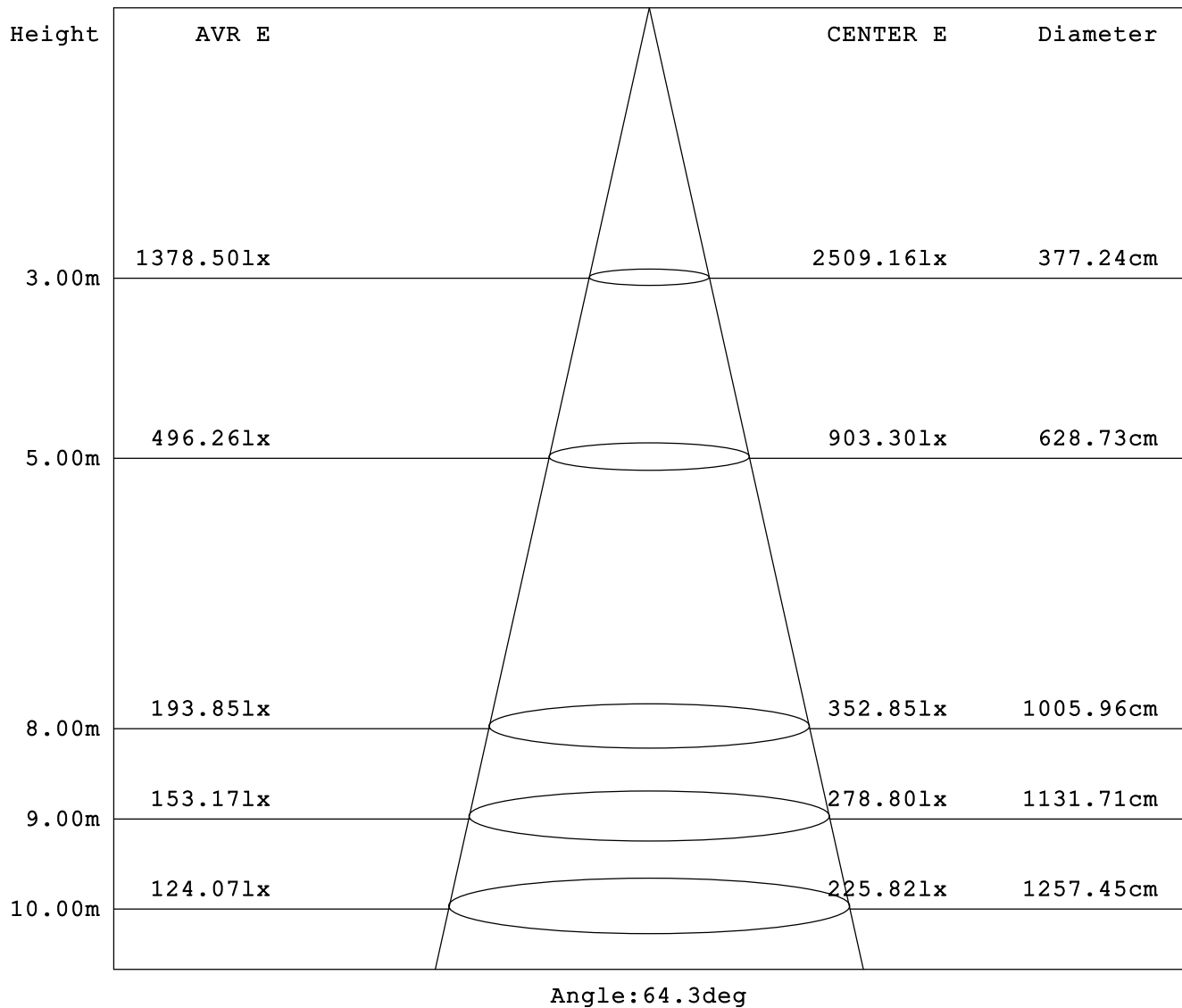
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL240-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	2199	2204	2205	2204	2199	2191	2191	2197	0- 5	531.2	531.2
10.0	2078	2087	2093	2088	2078	2055	2059	2068	5- 10	1528	2059
15.0	1899	1909	1921	1910	1900	1865	1872	1885	10- 15	2352	4411
20.0	1680	1701	1711	1699	1675	1632	1629	1653	15- 20	2935	7346
25.0	1439	1471	1482	1467	1433	1398	1391	1415	20- 25	3253	10599
30.0	1204	1249	1262	1242	1193	1160	1153	1178	25- 30	3335	13934
35.0	1014	1051	1068	1038	986.8	953.5	954.2	975.2	30- 35	3245	17179
40.0	843.1	879.2	897.2	862.5	817.8	784.0	784.5	803.8	35- 40	3060	20239
45.0	696.0	730.3	746.2	711.0	668.5	636.3	635.5	650.4	40- 45	2803	23042
50.0	555.4	592.4	598.9	572.8	536.2	511.2	504.0	521.2	45- 50	2488	25530
55.0	335.4	457.7	437.8	442.4	352.1	372.6	294.6	376.6	50- 55	2069	27599
60.0	103.5	301.3	139.1	295.3	97.84	241.7	95.79	247.6	55- 60	1398	28997
65.0	61.52	137.6	65.26	136.9	58.77	97.68	54.19	98.95	60- 65	750.1	29747
70.0	35.81	53.69	36.93	53.97	36.36	46.40	34.76	46.98	65- 70	340.6	30088
75.0	19.44	30.64	19.58	30.16	17.44	24.63	17.05	25.13	70- 75	179.6	30267
80.0	7.435	12.86	8.064	12.27	6.467	9.226	7.222	9.492	75- 80	89.15	30357
85.0	1.759	3.233	2.259	3.056	1.187	1.887	1.573	1.978	80- 85	30.16	30387
90.0	0.594	0.552	0.377	0.545	0.418	0.486	0.576	0.478	85- 90	6.598	30393
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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 Temperature:25.3DEG
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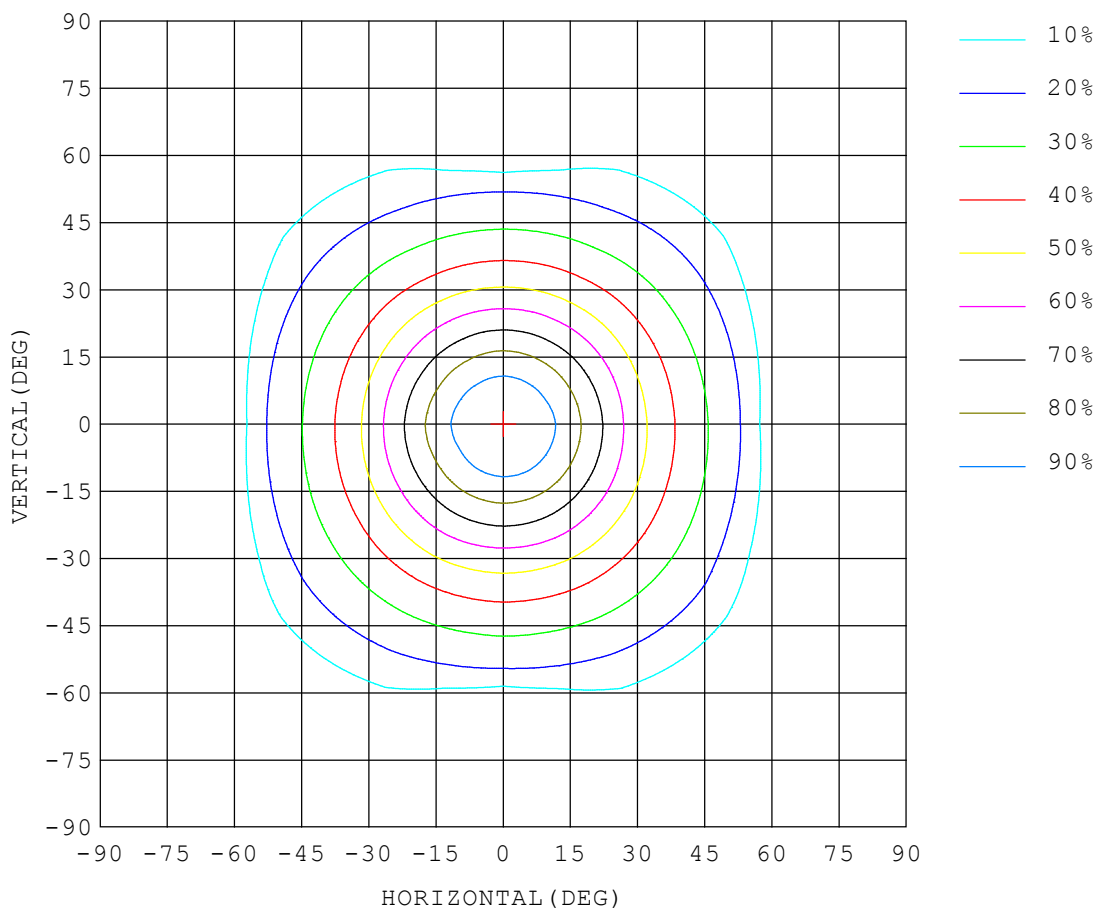
Test Set: 6.0deg/s C-Gamma (TYPE C)
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 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



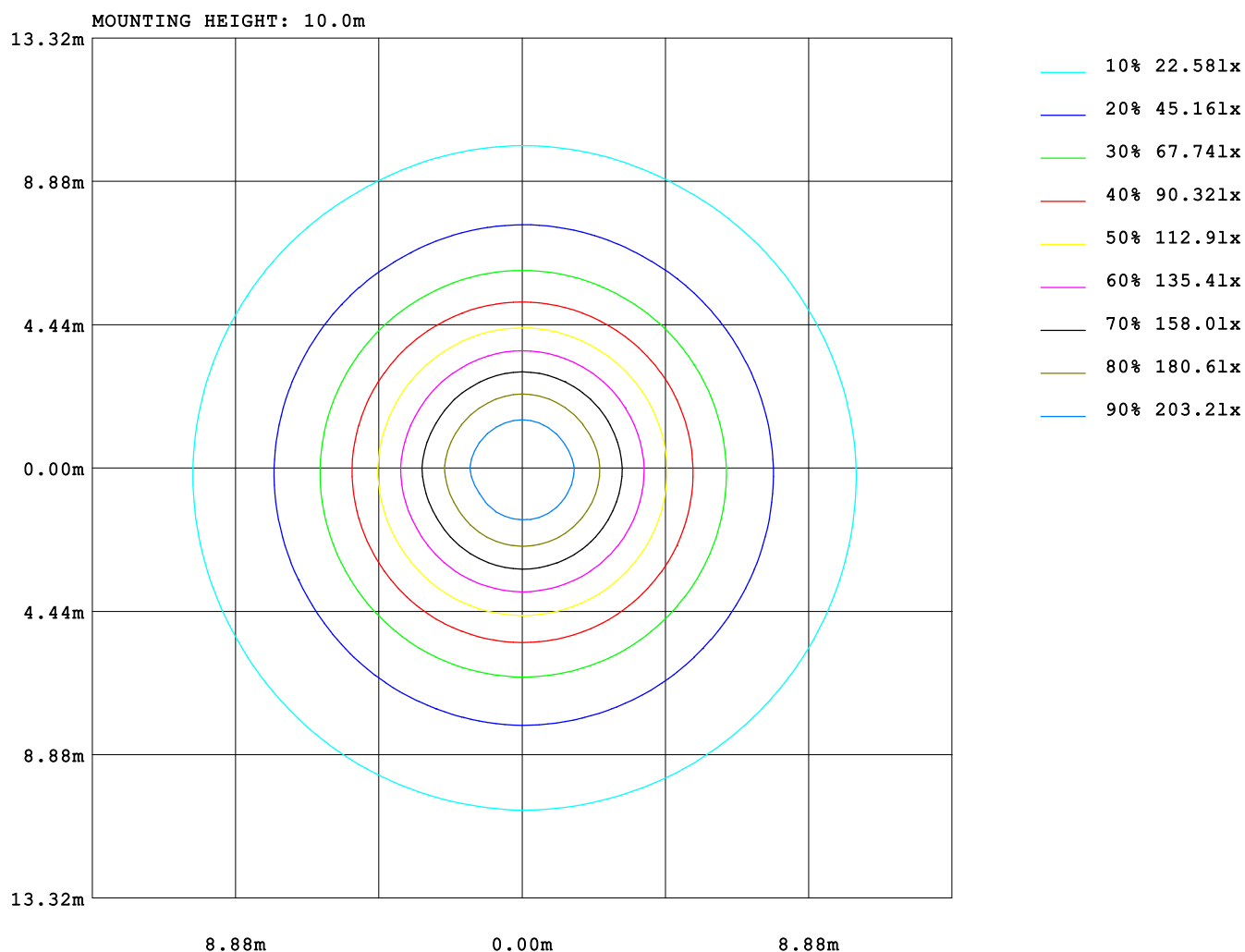
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 Operators:
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2245	2245	2245	2245	2245	2245	2245	2245	2245	2245	2245	2245
5.0	2199	2202	2206	2205	2206	2201	2199	2193	2189	2191	2194	2200
10.0	2078	2083	2090	2093	2091	2085	2078	2060	2051	2059	2062	2074
15.0	1899	1905	1913	1921	1914	1906	1900	1870	1860	1872	1876	1894
20.0	1680	1696	1707	1711	1706	1692	1675	1639	1625	1629	1640	1667
25.0	1439	1463	1479	1482	1477	1457	1433	1405	1391	1391	1401	1429
30.0	1204	1241	1256	1262	1253	1231	1193	1167	1154	1153	1163	1192
35.0	1014	1040	1063	1068	1054	1022	987	961	946	954	961	990
40.0	843	867	891	897	879	846	818	793	775	785	789	819
45.0	696	720	741	746	727	695	669	646	627	636	637	664
50.0	555	583	602	599	586	559	536	520	502	504	509	534
55.0	335	452	463	438	451	434	352	375	371	295	378	376
60.0	104	292	311	139	305	286	97.8	248	235	95.7	238	257
65.0	61.5	129	146	65.2	143	131	58.7	103	91.8	54.1	92.6	105
70.0	35.8	53.6	53.7	36.9	53.9	54.0	36.3	48.1	44.6	34.7	45.0	48.9
75.0	19.4	30.8	30.4	19.5	30.7	29.5	17.4	25.8	23.4	17.0	23.6	26.6
80.0	7.43	12.4	13.2	8.06	12.6	11.9	6.46	9.83	8.61	7.22	8.77	10.2
85.0	1.75	2.73	3.73	2.25	3.50	2.60	1.18	2.38	1.39	1.57	1.44	2.51
90.0	0.59	0.29	0.82	0.38	0.82	0.27	0.42	0.68	0.29	0.58	0.27	0.69

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