

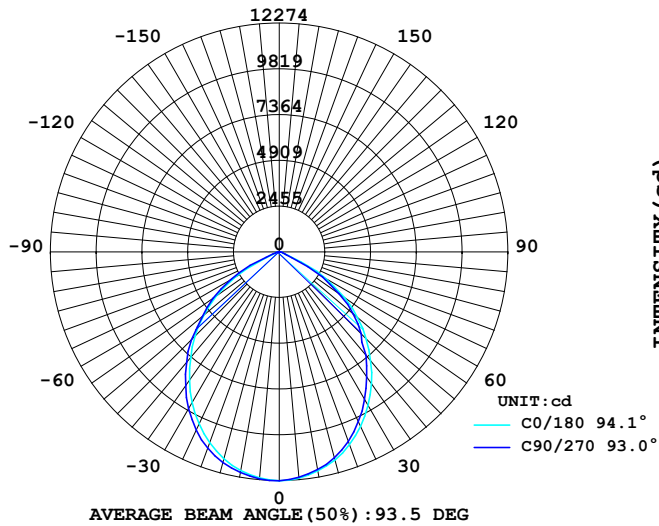
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

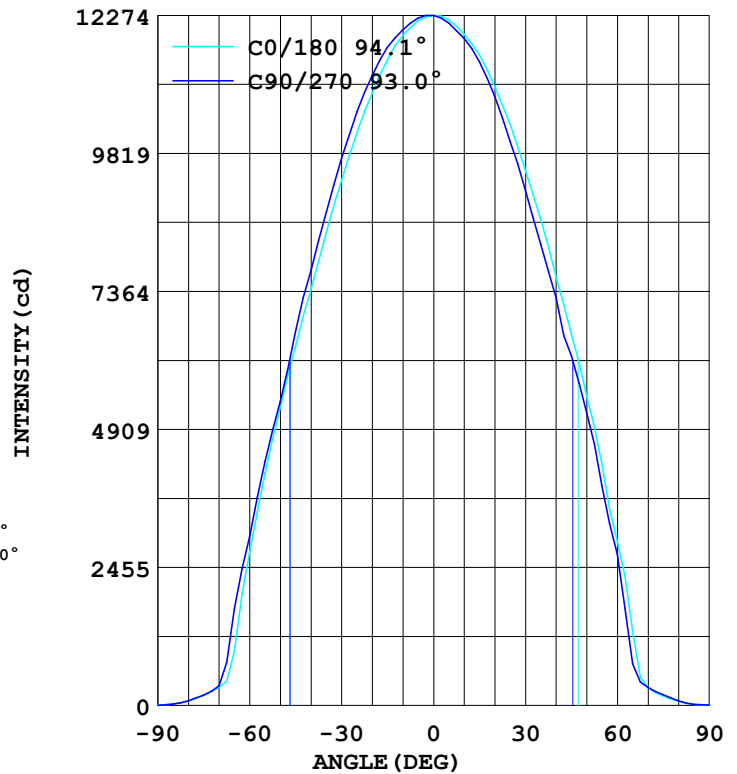
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	12274	S/MH (C0/180)	1.15
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.19
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	25253	Voltage(V)	230.5
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.2	Current(A)	0.898
NOMINAL FLUX(lm)	25252.8	$\eta$ up (%)	0.0	Power(W)	201.6
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	230.5	Effective Flux(lm)	25252.8	EEL	0.120

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



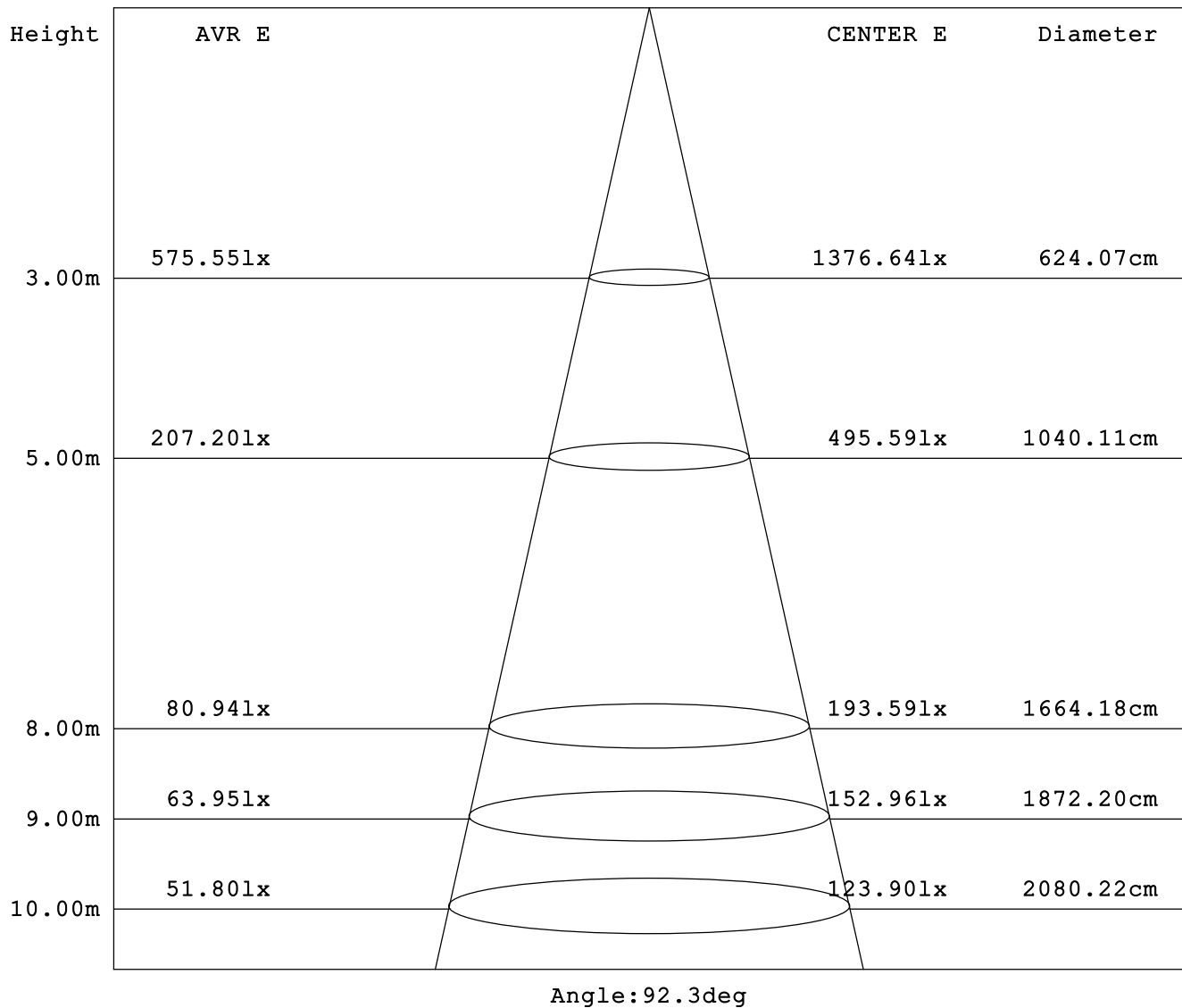
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
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Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2020.12.14

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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-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	1218	1220	1222	1221	1219	1216	1214	1215	0- 5	292.3	292.3
10.0	1191	1197	1202	1200	1194	1187	1186	1187	5- 10	862.2	1155
15.0	1148	1162	1171	1165	1156	1147	1144	1145	10- 15	1393	2547
20.0	1090	1108	1121	1115	1101	1087	1084	1085	15- 20	1857	4404
25.0	1019	1040	1055	1050	1034	1016	1004	1012	20- 25	2232	6636
30.0	934.1	958.9	973.9	971.2	952.1	931.6	915.9	923.7	25- 30	2499	9135
35.0	840.8	867.1	876.8	880.6	864.3	837.4	819.9	826.5	30- 35	2647	11781
40.0	739.6	760.6	773.0	776.8	762.0	737.8	725.2	723.9	35- 40	2675	14456
45.0	638.6	652.5	665.2	664.7	660.1	635.6	621.5	621.1	40- 45	2580	17037
50.0	528.4	552.3	540.0	569.3	548.8	533.5	519.4	519.8	45- 50	2399	19436
55.0	413.7	439.0	434.4	454.5	429.2	418.0	390.5	405.8	50- 55	2103	21539
60.0	274.0	323.9	301.3	333.0	293.1	288.7	269.4	282.1	55- 60	1676	23215
65.0	96.26	207.5	172.4	215.4	132.2	180.5	74.04	168.4	60- 65	1137	24352
70.0	31.94	104.8	35.09	108.8	31.40	70.29	32.24	53.45	65- 70	573.6	24925
75.0	18.18	28.71	18.72	30.11	16.84	19.39	18.90	19.06	70- 75	207.8	25133
80.0	8.438	11.43	8.499	11.81	7.243	7.455	8.060	7.230	75- 80	80.19	25213
85.0	2.680	4.010	2.418	4.139	1.883	2.224	2.124	2.134	80- 85	30.27	25244
90.0	0.978	0.839	0.550	0.920	0.797	0.839	0.989	0.846	85- 90	9.157	25253
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  
 Operators:  
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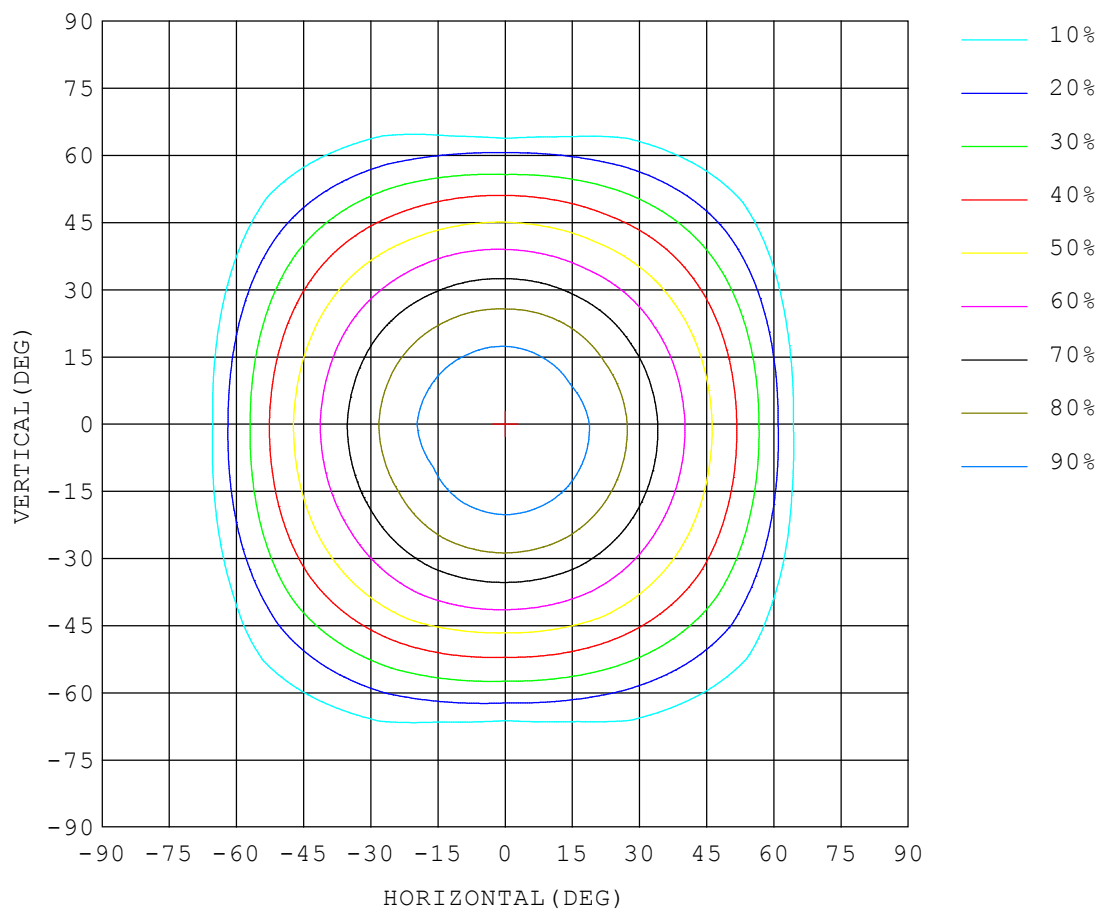
Test Set: 6.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.000 m  
 Remarks:

# ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

UNIT: cd



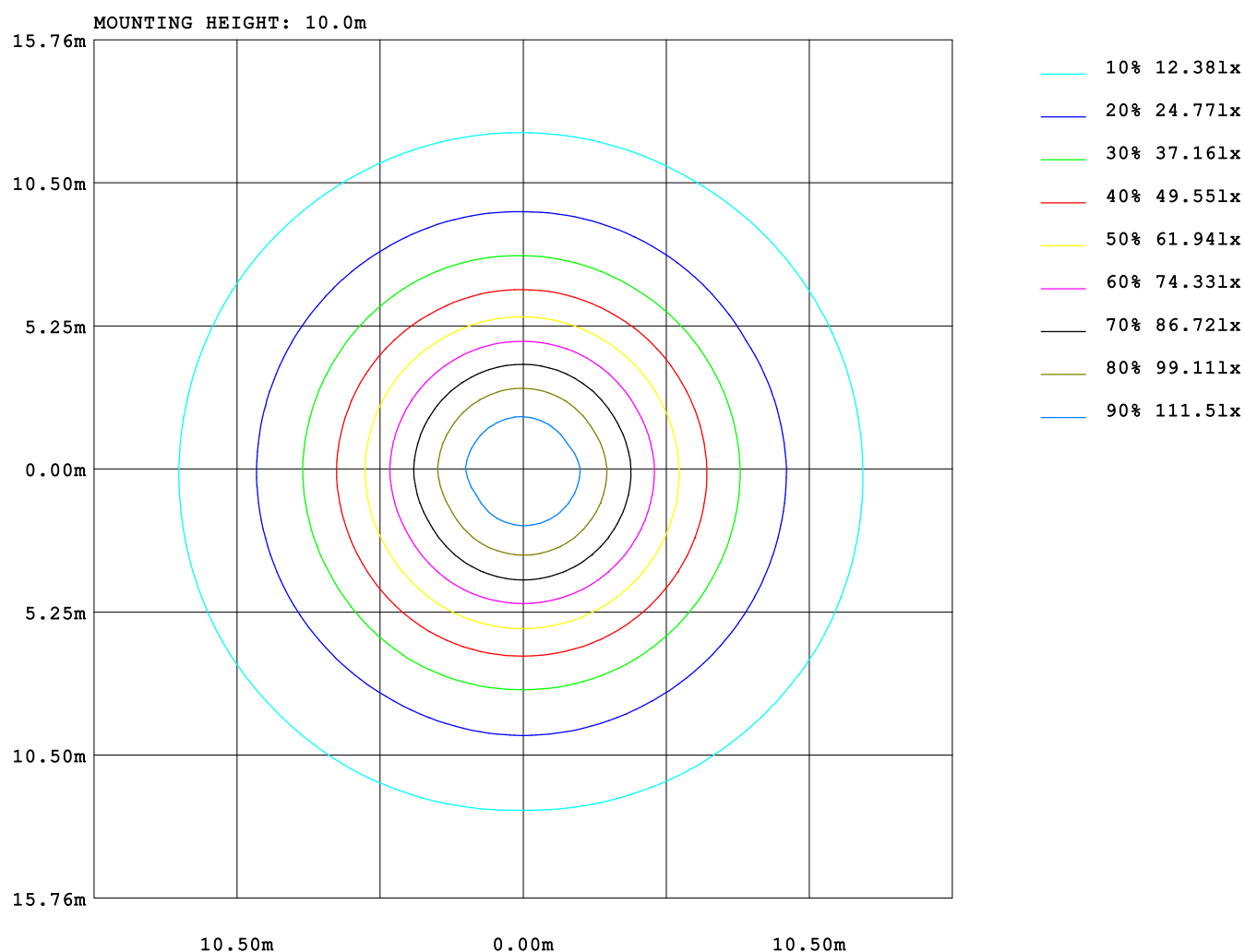
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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

# ISOLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:



Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
 Operators:  
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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1227	1227	1227	1227	1227	1227	1227	1227	1227	1227	1227	1227
5.0	1218	1220	1221	1222	1222	1219	1219	1217	1215	1214	1214	1217
10.0	1191	1195	1199	1202	1203	1196	1194	1189	1186	1186	1186	1187
15.0	1148	1158	1166	1171	1169	1161	1156	1150	1145	1144	1144	1147
20.0	1090	1103	1114	1121	1119	1110	1101	1092	1083	1084	1083	1087
25.0	1019	1032	1049	1055	1056	1043	1034	1022	1011	1004	1011	1014
30.0	934	952	966	974	976	967	952	940	923	916	918	930
35.0	841	859	875	877	885	877	864	848	827	820	822	831
40.0	740	750	771	773	783	771	762	749	727	725	718	730
45.0	639	651	654	665	656	674	660	644	627	622	614	628
50.0	528	548	557	540	569	569	549	541	526	519	514	526
55.0	414	437	441	434	453	456	429	426	410	391	402	410
60.0	274	324	323	301	334	332	293	295	282	269	274	290
65.0	96.2	207	208	172	215	216	132	183	178	74.0	168	169
70.0	31.9	103	107	35.0	110	108	31.4	73.4	67.0	32.2	59.9	46.9
75.0	18.1	26.2	31.1	18.7	32.8	27.3	16.8	19.9	18.8	18.9	18.5	19.5
80.0	8.43	10.8	12.0	8.49	12.3	11.2	7.24	7.27	7.63	8.06	7.35	7.10
85.0	2.68	3.42	4.60	2.41	4.70	3.57	1.88	2.58	1.86	2.12	1.80	2.46
90.0	0.98	0.44	1.24	0.55	1.32	0.52	0.80	1.12	0.55	0.99	0.55	1.14

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