

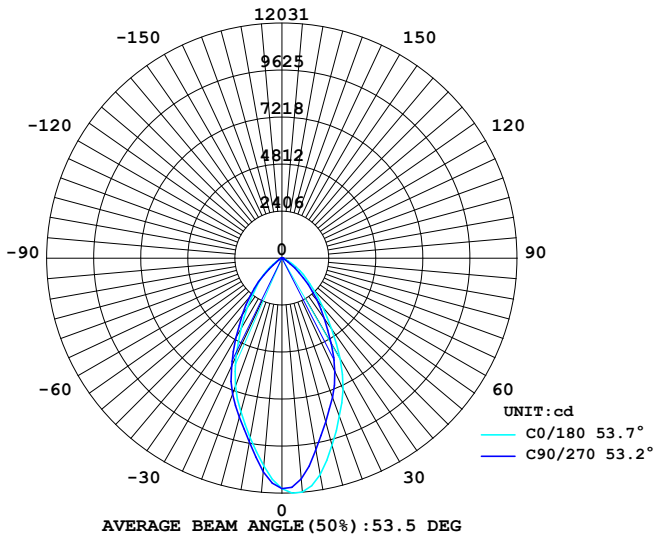
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

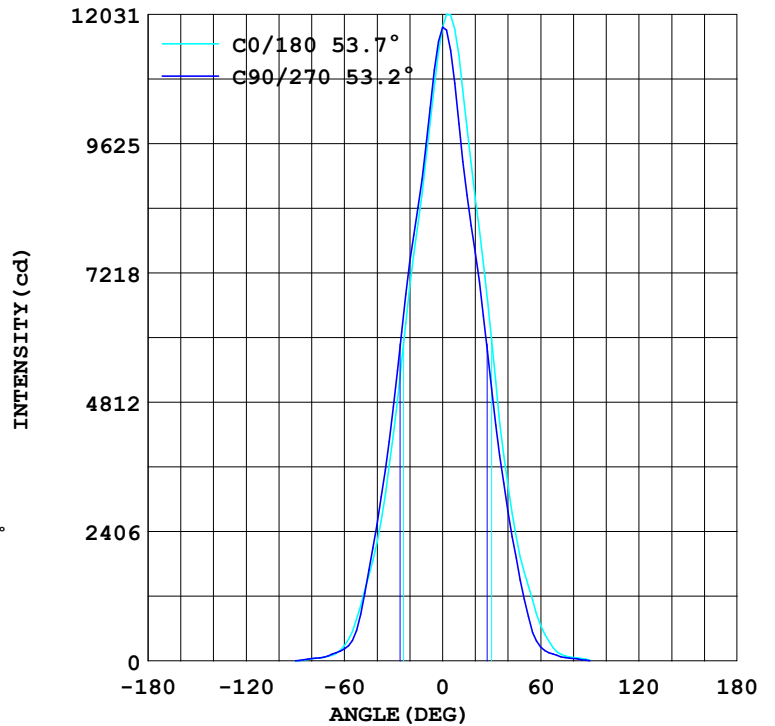
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-VX75-S07N-HM2	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 3030 LED	DIMENSION: 50deg	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	12042	S/MH (C0/180)	0.72
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.76
NOMINAL POWER (W)	75	TOTAL FLUX (lm)	10907	Voltage (V)	229.5
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	145.2	Current (A)	0.331
NOMINAL FLUX (lm)	10907.0	□ up (%)	0.0	Power (W)	75.09
LAMPS QUANTITY	1	□ down (%)	100.0	Power Factor (PF)	0.988
TEST VOLTAGE (V)	229.5	Effective Flux (lm)	10907.0	EI	0.103

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



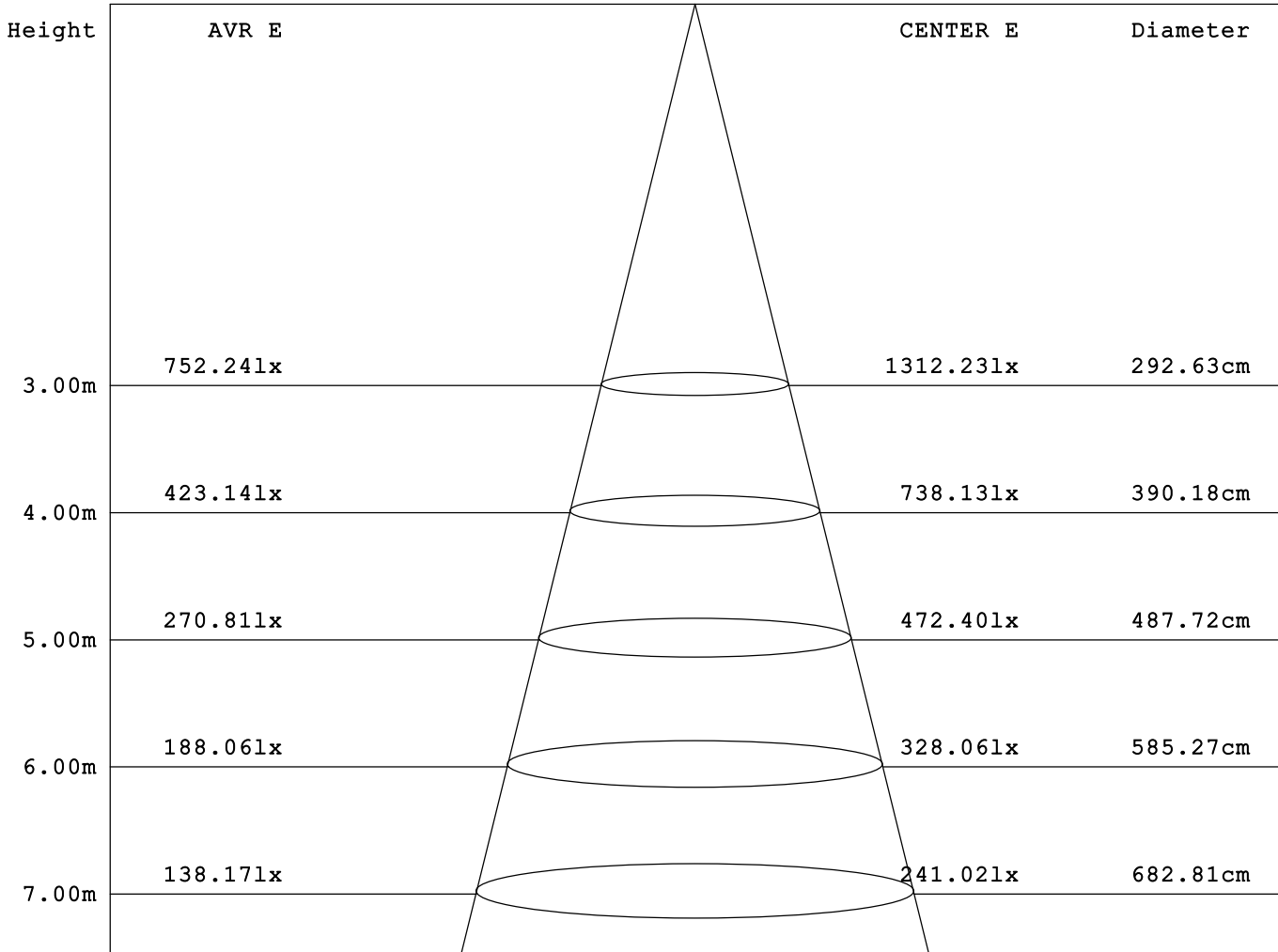
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.08.21

Test Set: 5.0deg/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-VX75-S07N-HM2	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 3030 LED	DIMENSION: 50deg	SERIAL No.:



Angle: 52.0deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020.08.21

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-VX75-S07N-HM2	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 3030 LED	DIMENSION: 50deg	SERIAL No.:

θ	C0	C45	C90	C135	C180	C225	C270	C315	θ	Φ _{one}	total
5.0	1069	1062	1099	1166	1202	1185	1135	1082	0- 5	275.3	275.3
10.0	934.9	889.7	958.5	1056	1126	1082	999.0	918.7	5- 10	755.6	1031
15.0	813.7	737.6	843.6	893.8	991.8	923.7	866.9	761.9	10- 15	1085	2116
20.0	695.5	625.2	741.1	745.2	860.0	768.2	759.4	638.2	15- 20	1283	3399
25.0	558.5	519.4	611.8	620.1	740.6	640.6	642.1	530.5	20- 25	1378	4777
30.0	420.3	408.1	472.1	505.6	596.9	525.9	505.4	417.5	25- 30	1355	6132
35.0	308.5	307.3	355.2	389.5	443.3	406.6	381.9	314.7	30- 35	1225	7358
40.0	220.1	227.6	253.7	289.7	327.2	304.8	277.6	237.0	35- 40	1041	8399
45.0	159.9	159.9	170.0	210.8	229.9	225.0	191.1	169.9	40- 45	839.4	9238
50.0	102.6	99.94	86.64	145.7	164.4	158.1	114.6	109.4	45- 50	632.4	9870
55.0	54.61	52.14	37.91	90.91	113.3	101.0	52.50	57.62	50- 55	422.8	10293
60.0	28.29	27.41	22.19	49.21	66.43	50.77	26.07	28.64	55- 60	248.0	10541
65.0	13.84	16.24	15.05	27.29	36.36	28.02	15.20	16.22	60- 65	140.6	10682
70.0	8.475	10.24	9.307	16.39	16.73	16.30	10.17	10.31	65- 70	84.35	10766
75.0	5.642	7.360	5.744	10.17	9.292	10.25	6.316	7.237	70- 75	52.73	10819
80.0	3.844	7.856	4.313	8.817	6.057	7.687	4.541	7.724	75- 80	39.61	10859
85.0	1.191	3.375	1.914	8.476	4.477	8.096	2.374	3.853	80- 85	33.21	10892
90.0	0.092	0.078	0.041	2.367	1.603	2.718	0.324	0.079	85- 90	15.07	10907
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	

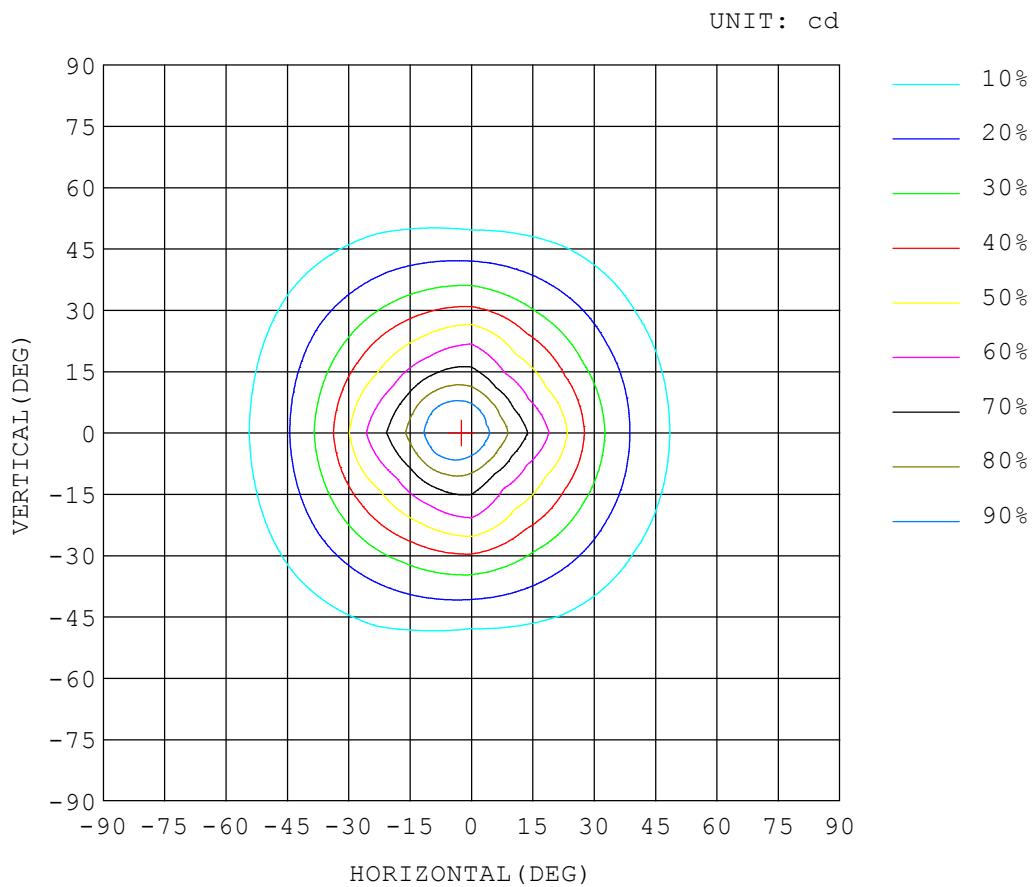
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020.08.21

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-VX75-S07N-HM2	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 3030 LED	DIMENSION: 50deg	SERIAL No.:



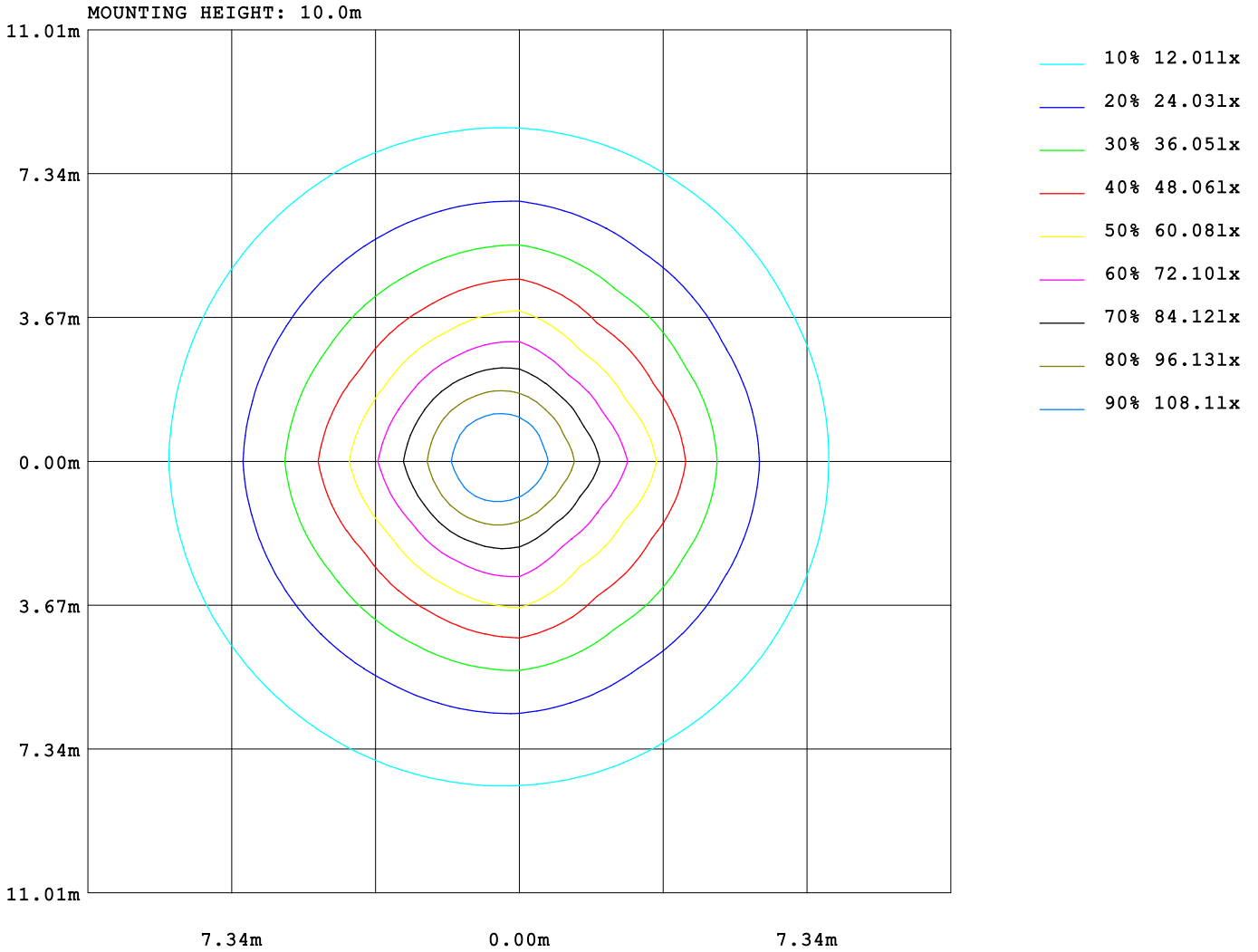
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
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ISOLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
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SPECIFICATION: 3030 LED	DIMENSION: 50deg	SERIAL No.:



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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LUCKY SSL		Address:	
NAME: FK-VX75-S07N-HM2		TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 3030 LED		DIMENSION: 50deg	SERIAL No.:

UNIT: ×10cd

C (DEG) \ □ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179	1179
5.0	1069	1058	1066	1099	1143	1190	1202	1200	1170	1135	1096	1068
10.0	935	886	894	959	1020	1093	1126	1109	1056	999	932	905
15.0	814	738	737	844	866	922	992	951	897	867	765	758
20.0	696	622	629	741	731	760	860	785	751	759	643	634
25.0	559	515	524	612	606	635	741	650	632	642	540	521
30.0	420	404	412	472	485	526	597	538	514	505	430	405
35.0	309	303	312	355	370	410	443	417	396	382	326	303
40.0	220	220	235	254	278	302	327	310	300	278	248	226
45.0	160	154	166	170	200	222	230	232	218	191	179	161
50.0	103	96.3	104	86.6	137	155	164	165	151	115	117	101
55.0	54.6	51.2	53.0	37.9	80.3	101	113	108	94.0	52.5	62.6	52.6
60.0	28.2	27.5	27.2	22.1	41.0	57.4	66.4	54.4	47.0	26.0	29.7	27.5
65.0	13.8	16.2	16.2	15.0	22.8	31.7	36.3	32.5	23.4	15.2	15.9	16.5
70.0	8.47	9.80	10.6	9.30	14.4	18.3	16.7	18.9	13.6	10.1	10.2	10.3
75.0	5.64	6.99	7.72	5.74	9.27	11.0	9.29	11.6	8.85	6.31	7.22	7.25
80.0	3.84	6.34	9.36	4.31	9.41	8.22	6.05	7.90	7.47	4.54	8.86	6.57
85.0	1.19	2.17	4.57	1.91	8.88	8.06	4.47	7.53	8.65	2.37	5.12	2.57
90.0	0.09	0.04	0.12	0.04	1.38	3.35	1.60	3.31	2.11	0.32	0.05	0.11

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