

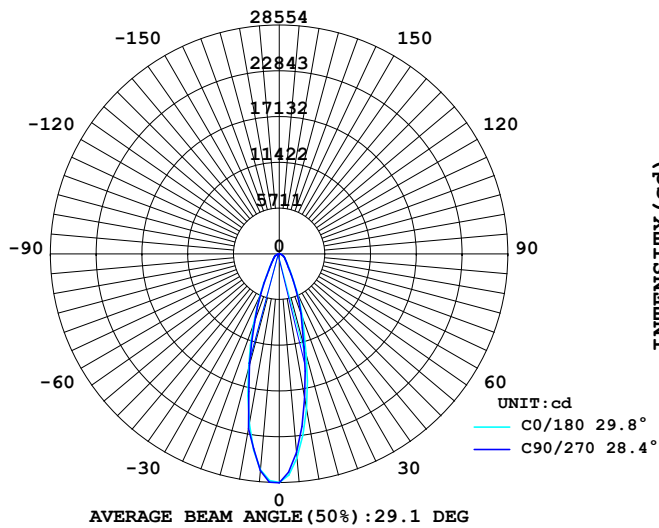
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

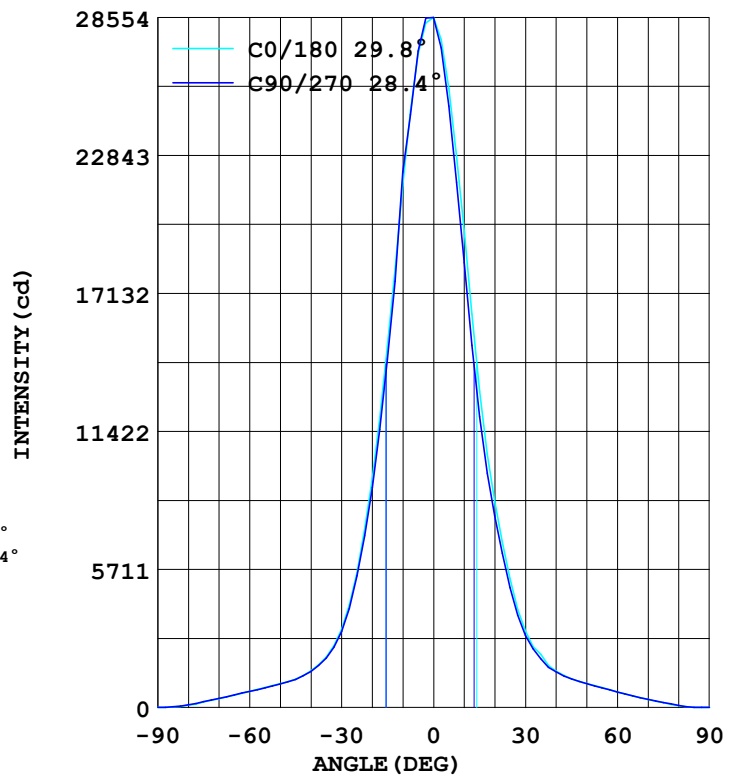
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-S47N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 30deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	28628	S/MH (C0/180)	0.51
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.50
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	12623	Voltage(V)	230.5
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.1	Current(A)	0.449
NOMINAL FLUX(lm)	12622.6	η up (%)	0.0	Power(W)	100.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	230.5	Effective Flux(lm)	12622.6	EEI	0.120

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



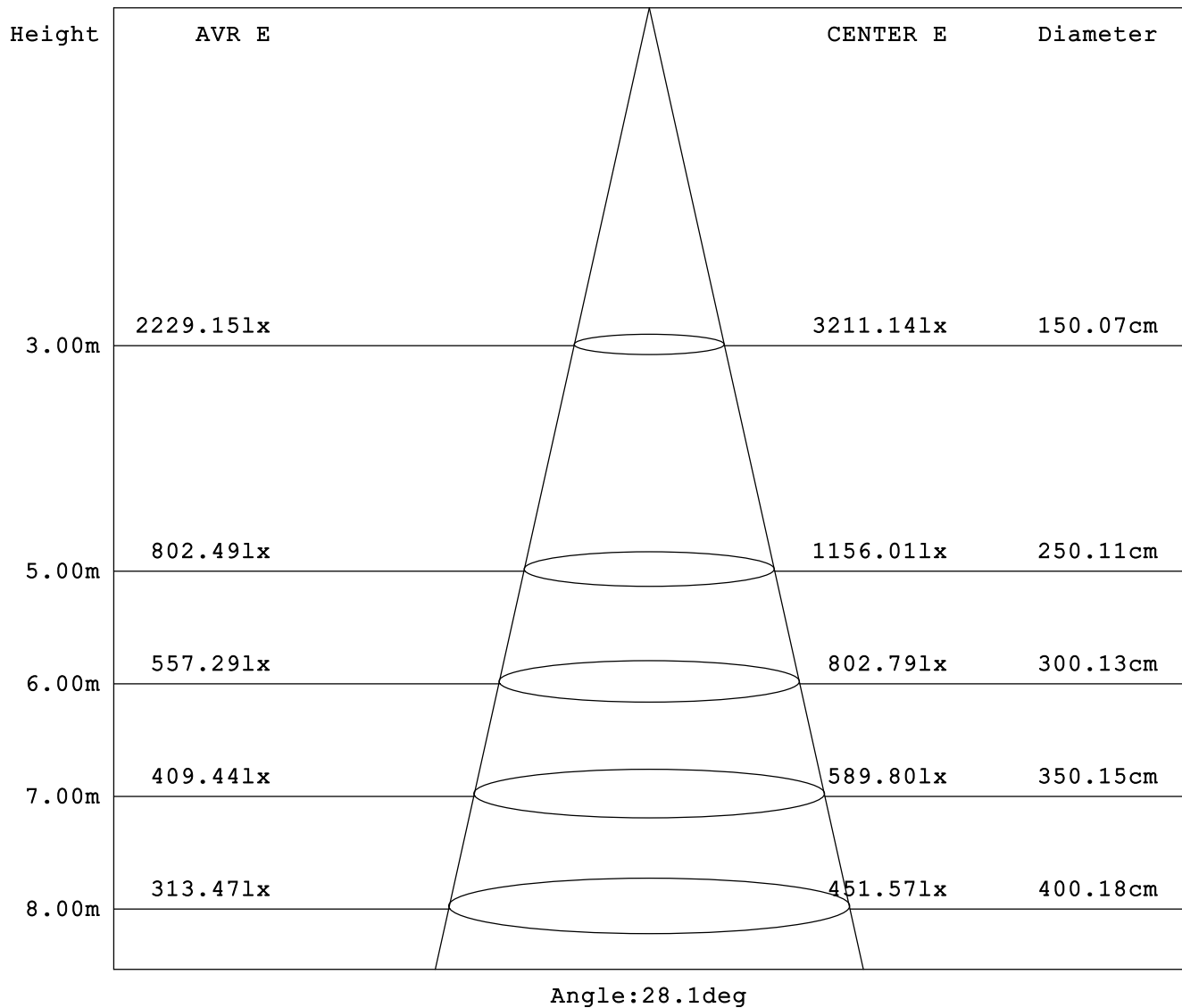
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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-FL100-S47N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
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 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-FL100-S47N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 30deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2704	2742	2716	2649	2560	2500	2488	2576	0- 5	654.0	654.0
10.0	2160	2184	2215	2041	1973	1880	1840	1991	5- 10	1654	2308
15.0	1497	1512	1442	1380	1310	1236	1203	1334	10- 15	1976	4283
20.0	949.0	960.1	910.0	881.5	855.0	816.2	794.2	876.8	15- 20	1812	6095
25.0	558.5	608.8	545.6	577.1	532.6	545.8	495.9	565.6	20- 25	1489	7584
30.0	324.2	363.3	313.9	358.8	317.6	348.1	298.6	340.8	25- 30	1117	8701
35.0	209.1	226.4	204.0	227.8	220.9	226.9	201.3	224.0	30- 35	805.2	9507
40.0	151.3	160.7	149.6	162.6	150.3	161.9	147.4	157.3	35- 40	618.3	10125
45.0	117.2	125.9	116.5	127.4	119.0	127.9	118.1	125.1	40- 45	515.2	10640
50.0	98.53	104.9	96.94	105.5	99.14	103.7	98.21	103.0	45- 50	454.4	11095
55.0	82.62	87.62	81.39	87.14	82.31	84.09	81.47	84.83	50- 55	405.7	11500
60.0	66.72	71.40	67.18	70.18	64.69	65.44	64.83	67.01	55- 60	351.0	11851
65.0	51.32	55.11	52.32	52.96	48.58	48.06	48.56	50.36	60- 65	288.2	12140
70.0	36.78	39.28	37.65	36.76	33.44	32.04	33.72	34.47	65- 70	218.5	12358
75.0	23.00	24.72	23.88	23.22	19.95	18.51	20.84	21.01	70- 75	149.2	12507
80.0	9.928	12.34	11.13	9.892	7.222	7.023	8.831	9.026	75- 80	81.84	12589
85.0	1.943	3.489	2.795	2.243	0.772	0.950	0.938	1.644	80- 85	28.66	12618
90.0	0.314	0.331	0.193	0.234	0.219	0.230	0.310	0.234	85- 90	4.645	12623
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: 2020.12.14

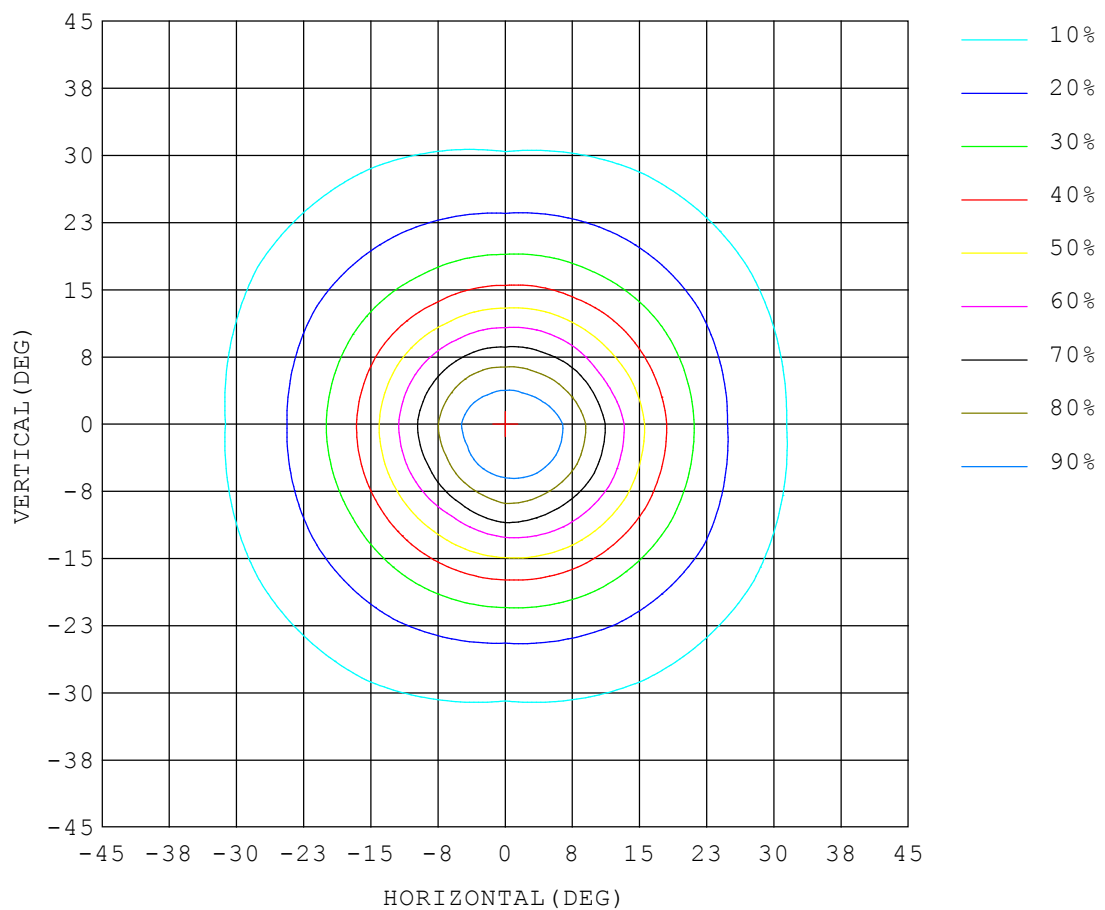
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 Remarks:

ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 2835 LED	DIMENSION: 30deg	SERIAL No.:

UNIT: cd



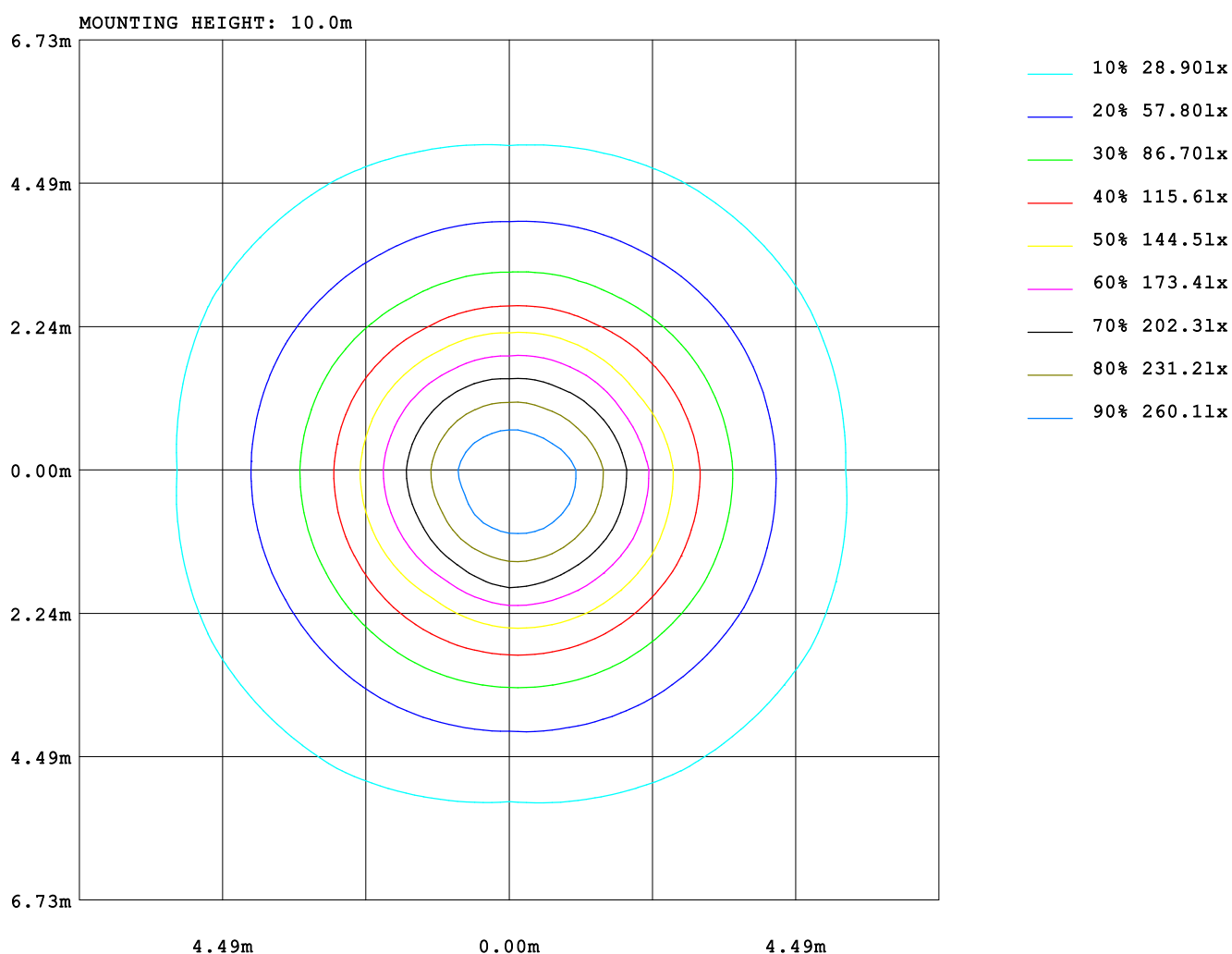
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 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

Test Set: 6.0 deg/s C-Gamma (TYPE C)
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ISOLUX DIAGRAM

Report number:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-S47N-HB3	TYPE:4000K/5000K/5700K	WEIGHT:
SPECIFICATION:2835 LED	DIMENSION: 30deg	SERIAL No.:

UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2855	2855	2855	2855	2855	2855	2855	2855	2855	2855	2855	2855
5.0	2704	2738	2747	2716	2678	2619	2560	2520	2479	2488	2530	2623
10.0	2160	2194	2174	2215	2068	2015	1973	1913	1847	1840	1921	2061
15.0	1497	1525	1498	1442	1400	1359	1310	1267	1205	1203	1269	1399
20.0	949	967	953	910	895	868	855	833	799	794	839	915
25.0	559	619	598	546	579	575	533	556	536	496	548	583
30.0	324	368	359	314	360	358	318	353	344	299	336	345
35.0	209	228	225	204	228	228	221	229	225	201	226	222
40.0	151	161	160	150	163	163	150	163	160	147	156	158
45.0	117	126	126	117	127	128	119	129	127	118	125	125
50.0	98.5	105	105	96.9	106	106	99.1	105	103	98.2	103	103
55.0	82.6	87.7	87.4	81.3	87.3	86.9	82.3	84.8	83.3	81.4	84.0	85.6
60.0	66.7	71.3	71.4	67.1	70.6	69.7	64.6	65.8	65.0	64.8	66.4	67.5
65.0	51.3	54.7	55.5	52.3	53.7	52.1	48.5	48.3	47.7	48.5	49.8	50.9
70.0	36.7	39.0	39.4	37.6	37.4	36.0	33.4	32.3	31.6	33.7	33.7	35.2
75.0	23.0	24.7	24.7	23.8	22.6	23.7	19.9	18.7	18.3	20.8	20.2	21.8
80.0	9.92	12.2	12.4	11.1	9.93	9.85	7.22	7.32	6.72	8.83	8.13	9.92
85.0	1.94	3.25	3.72	2.79	2.59	1.89	0.77	1.21	0.68	0.94	1.07	2.21
90.0	0.31	0.21	0.45	0.19	0.35	0.12	0.22	0.33	0.13	0.31	0.14	0.33

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