

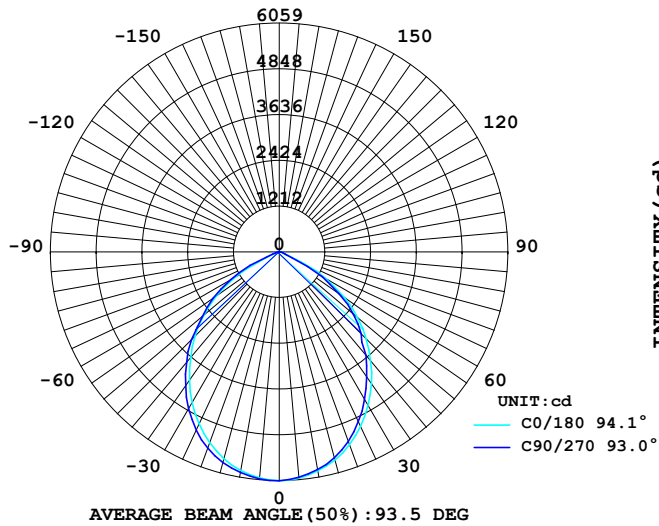
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

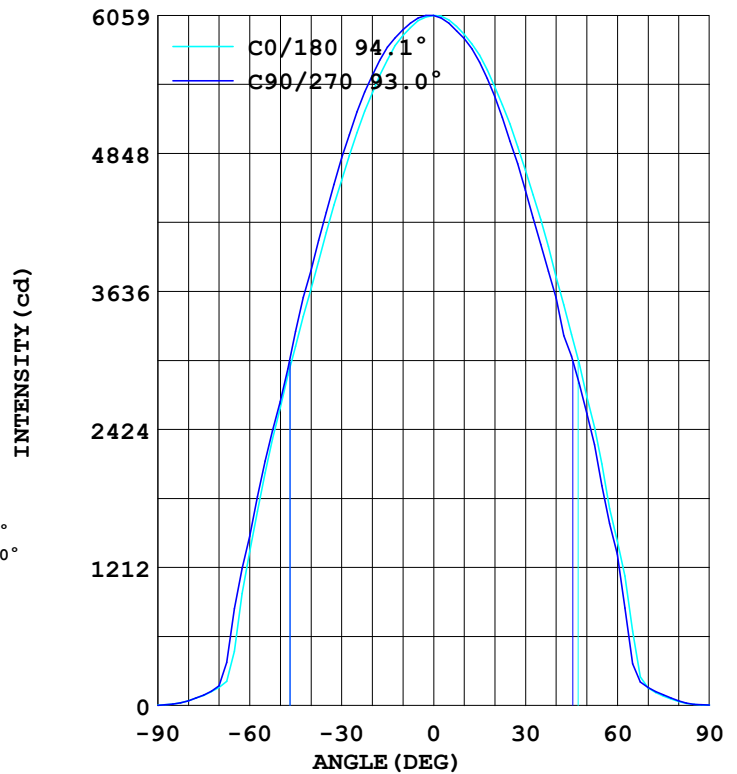
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	6059	S/MH (C0/180)	1.15
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.19
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	12467	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.3	Current(A)	0.444
NOMINAL FLUX(lm)	12467.0	η up (%)	0.0	Power(W)	99.50
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	229.7	Effective Flux(lm)	12467.0	EEL	0.120

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



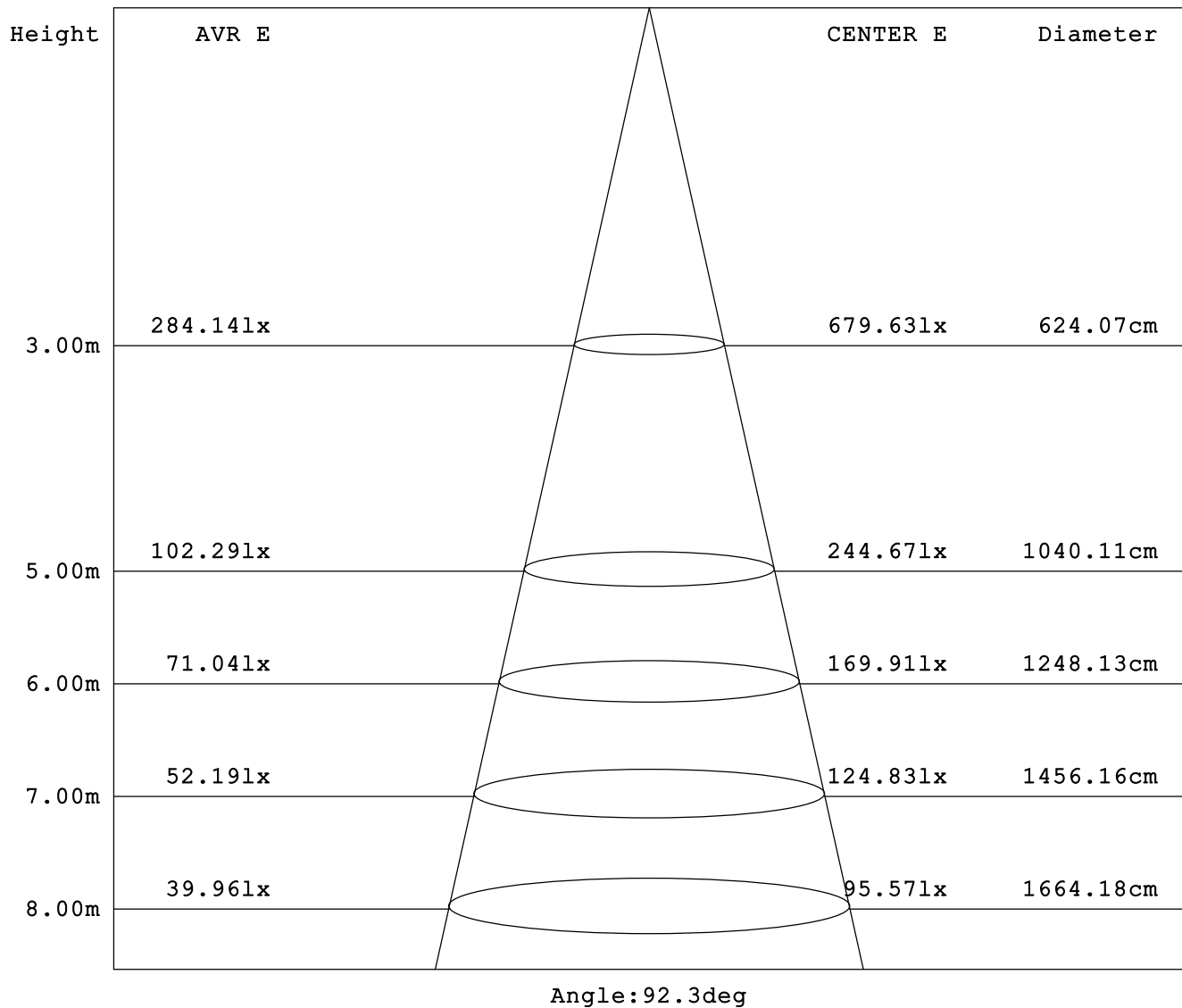
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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NAME: FK-FL100-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	6013	6024	6034	6027	6020	6005	5991	6000	0- 5	144.3	144.3
10.0	5882	5909	5933	5922	5892	5862	5856	5858	5- 10	425.6	570.0
15.0	5669	5735	5779	5752	5709	5665	5648	5655	10- 15	687.5	1258
20.0	5379	5472	5534	5503	5434	5369	5349	5358	15- 20	916.7	2174
25.0	5030	5136	5211	5181	5104	5018	4955	4998	20- 25	1102	3276
30.0	4612	4734	4808	4795	4701	4600	4522	4561	25- 30	1234	4510
35.0	4151	4281	4329	4348	4267	4134	4048	4080	30- 35	1307	5816
40.0	3651	3755	3817	3835	3762	3643	3581	3574	35- 40	1321	7137
45.0	3153	3222	3284	3282	3259	3138	3068	3066	40- 45	1274	8411
50.0	2609	2727	2666	2811	2710	2634	2564	2566	45- 50	1185	9595
55.0	2043	2168	2145	2244	2119	2064	1928	2004	50- 55	1038	10633
60.0	1353	1599	1487	1644	1447	1426	1330	1393	55- 60	827.5	11461
65.0	475.2	1025	851.5	1063	653.0	891.5	365.5	831.6	60- 65	561.2	12022
70.0	157.7	517.4	173.2	537.2	155.0	347.0	159.1	263.8	65- 70	283.2	12305
75.0	89.76	141.7	92.42	148.6	83.14	95.75	93.32	94.10	70- 75	102.6	12408
80.0	41.66	56.42	41.96	58.31	35.76	36.80	39.79	35.69	75- 80	39.59	12448
85.0	13.23	19.79	11.93	20.43	9.297	10.97	10.49	10.53	80- 85	14.94	12462
90.0	4.827	4.139	2.713	4.541	3.933	4.139	4.883	4.178	85- 90	4.520	12467
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	

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 Test Date:2020.12.14

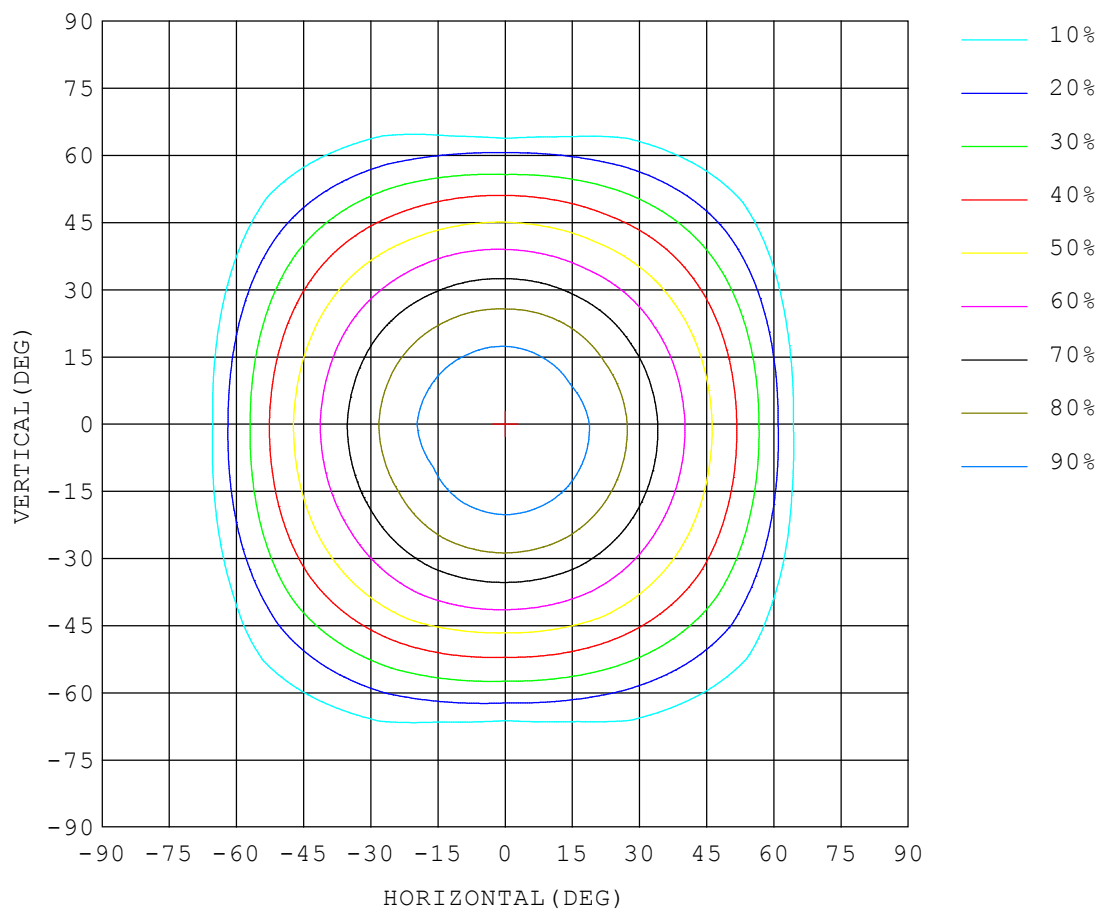
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ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

UNIT: cd



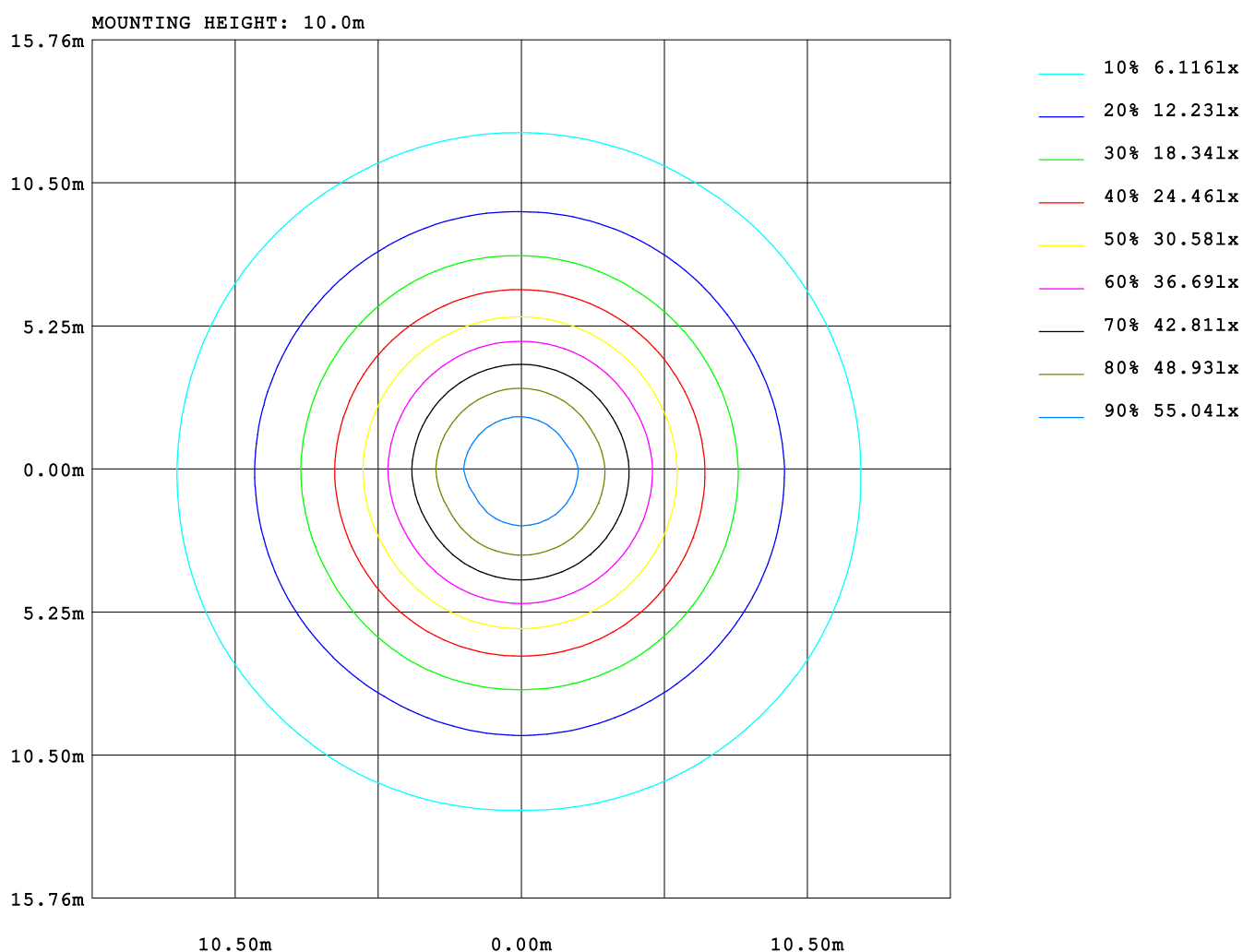
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	6059	6059	6059	6059	6059	6059	6059	6059	6059	6059	6059	6059
5.0	6013	6021	6027	6034	6035	6019	6020	6010	6000	5991	5994	6006
10.0	5882	5900	5918	5933	5937	5907	5892	5870	5853	5856	5853	5862
15.0	5669	5715	5754	5779	5770	5733	5709	5676	5653	5648	5648	5661
20.0	5379	5446	5497	5534	5526	5479	5434	5389	5349	5349	5348	5368
25.0	5030	5095	5177	5211	5213	5149	5104	5044	4991	4955	4990	5007
30.0	4612	4698	4771	4808	4817	4773	4701	4642	4557	4522	4532	4589
35.0	4151	4242	4320	4329	4367	4329	4267	4184	4084	4048	4056	4104
40.0	3651	3703	3807	3817	3864	3806	3762	3695	3590	3581	3544	3604
45.0	3153	3214	3230	3284	3238	3326	3259	3181	3095	3068	3033	3100
50.0	2609	2705	2749	2666	2811	2810	2710	2672	2595	2564	2538	2595
55.0	2043	2158	2178	2145	2237	2252	2119	2103	2025	1928	1985	2023
60.0	1353	1602	1596	1487	1648	1640	1447	1459	1392	1330	1352	1434
65.0	475	1022	1028	852	1061	1065	653	905	878	366	828	835
70.0	158	509	526	173	543	532	155	363	331	159	296	232
75.0	89.7	130	154	92.4	162	135	83.1	98.2	93.2	93.3	91.4	96.7
80.0	41.6	53.5	59.3	41.9	61.1	55.4	35.7	35.9	37.6	39.7	36.2	35.1
85.0	13.2	16.8	22.7	11.9	23.2	17.6	9.29	12.7	9.19	10.4	8.89	12.1
90.0	4.82	2.15	6.13	2.71	6.53	2.54	3.93	5.57	2.70	4.88	2.72	5.63

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