

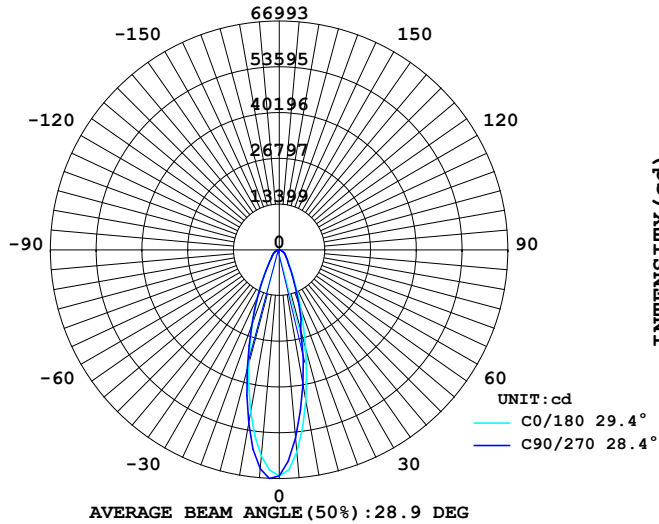
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

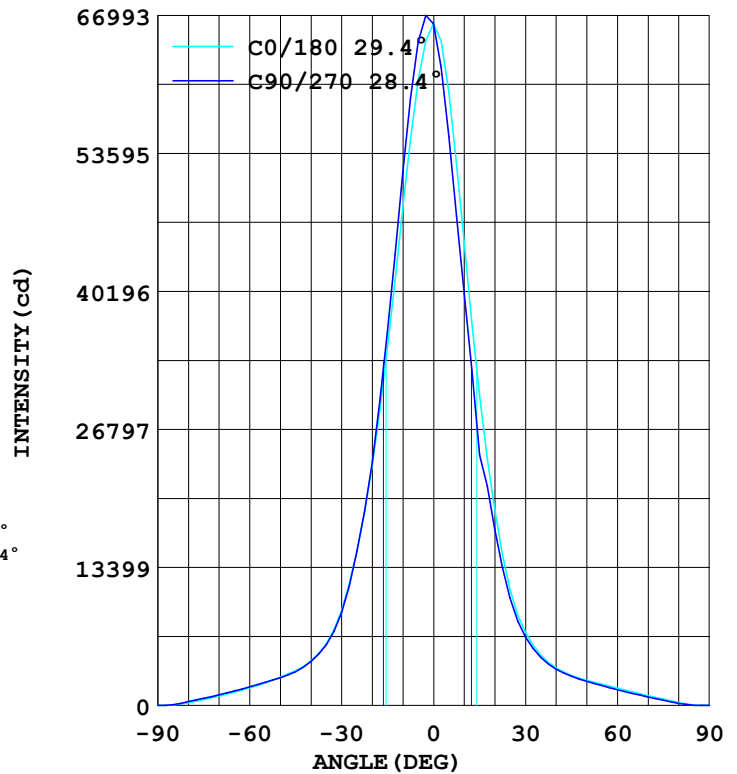
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL240-S47N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 30deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	66993	S/MH (C0/180)	0.51
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.53
NOMINAL POWER(W)	240	TOTAL FLUX(lm)	30455	Voltage(V)	229.1
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.9	Current(A)	1.082
NOMINAL FLUX(lm)	30455.2	η up (%)	0.0	Power(W)	241.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.976
TEST VOLTAGE (V)	229.1	Effective Flux(lm)	30455.3	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



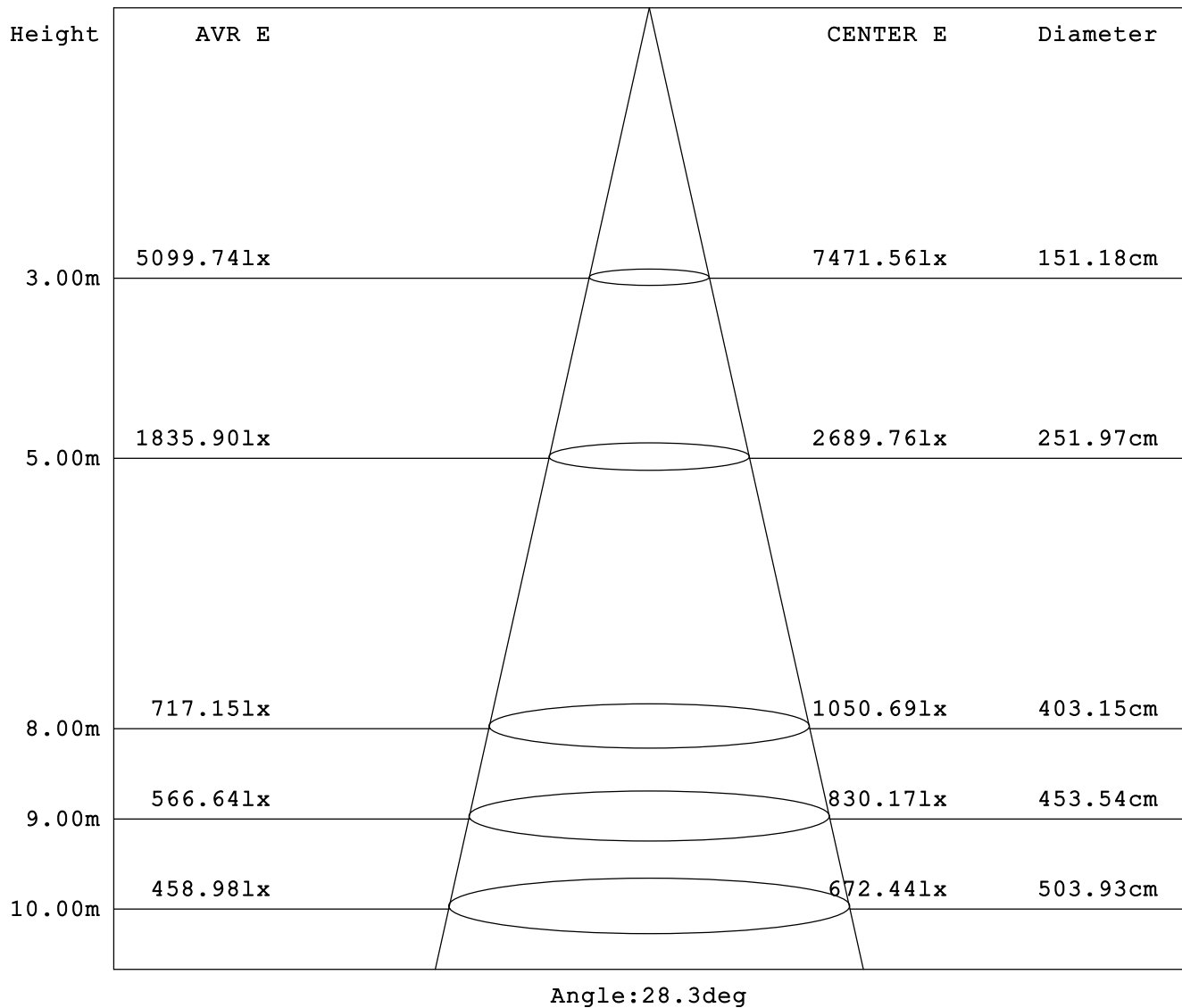
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL240-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	6065	6339	6441	6294	5953	5653	5522	5695	0- 5	1506	1506
10.0	4830	5141	5172	4915	4494	4132	3997	4292	5- 10	3770	5276
15.0	3473	3683	3629	3480	3005	2725	2433	2937	10- 15	4570	9846
20.0	2336	2442	2368	2197	1912	1795	1718	1981	15- 20	4272	14118
25.0	1497	1626	1502	1406	1127	1125	1041	1286	20- 25	3542	17661
30.0	924.8	1046	901.4	881.8	711.8	711.9	665.2	817.5	25- 30	2709	20370
35.0	598.1	670.5	589.8	578.7	489.8	488.2	468.9	549.5	30- 35	2028	22398
40.0	431.7	473.2	426.0	420.2	363.8	365.1	351.6	403.4	35- 40	1595	23993
45.0	336.6	362.3	327.7	332.6	290.1	293.8	283.4	319.4	40- 45	1339	25332
50.0	276.0	291.9	269.7	270.5	243.3	243.1	234.2	253.7	45- 50	1173	26505
55.0	220.2	234.6	224.9	224.7	206.6	201.5	193.9	208.2	50- 55	1035	27540
60.0	172.4	185.9	182.8	184.2	169.0	161.7	154.2	162.1	55- 60	893.5	28433
65.0	129.4	140.5	141.6	143.0	132.5	123.1	117.1	121.0	60- 65	736.2	29170
70.0	92.17	100.0	103.8	103.6	96.09	84.68	83.22	82.49	65- 70	565.8	29735
75.0	58.11	63.36	69.53	66.21	62.61	50.99	52.66	48.87	70- 75	394.3	30130
80.0	26.29	31.32	38.88	36.74	28.25	18.69	20.47	18.97	75- 80	229.2	30359
85.0	5.230	8.574	9.066	9.349	4.576	2.640	2.766	2.481	80- 85	83.07	30442
90.0	0.640	0.646	0.507	0.659	0.483	0.466	0.637	0.476	85- 90	13.13	30455
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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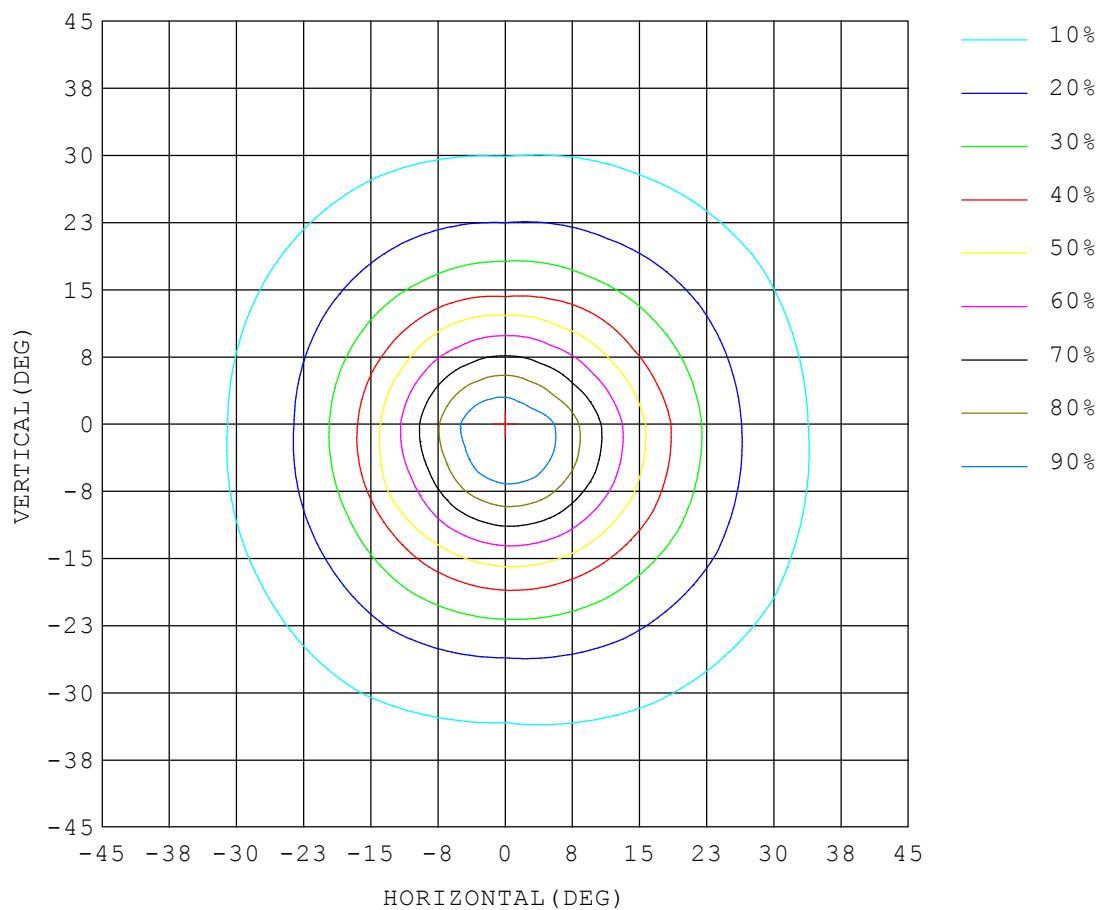
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ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



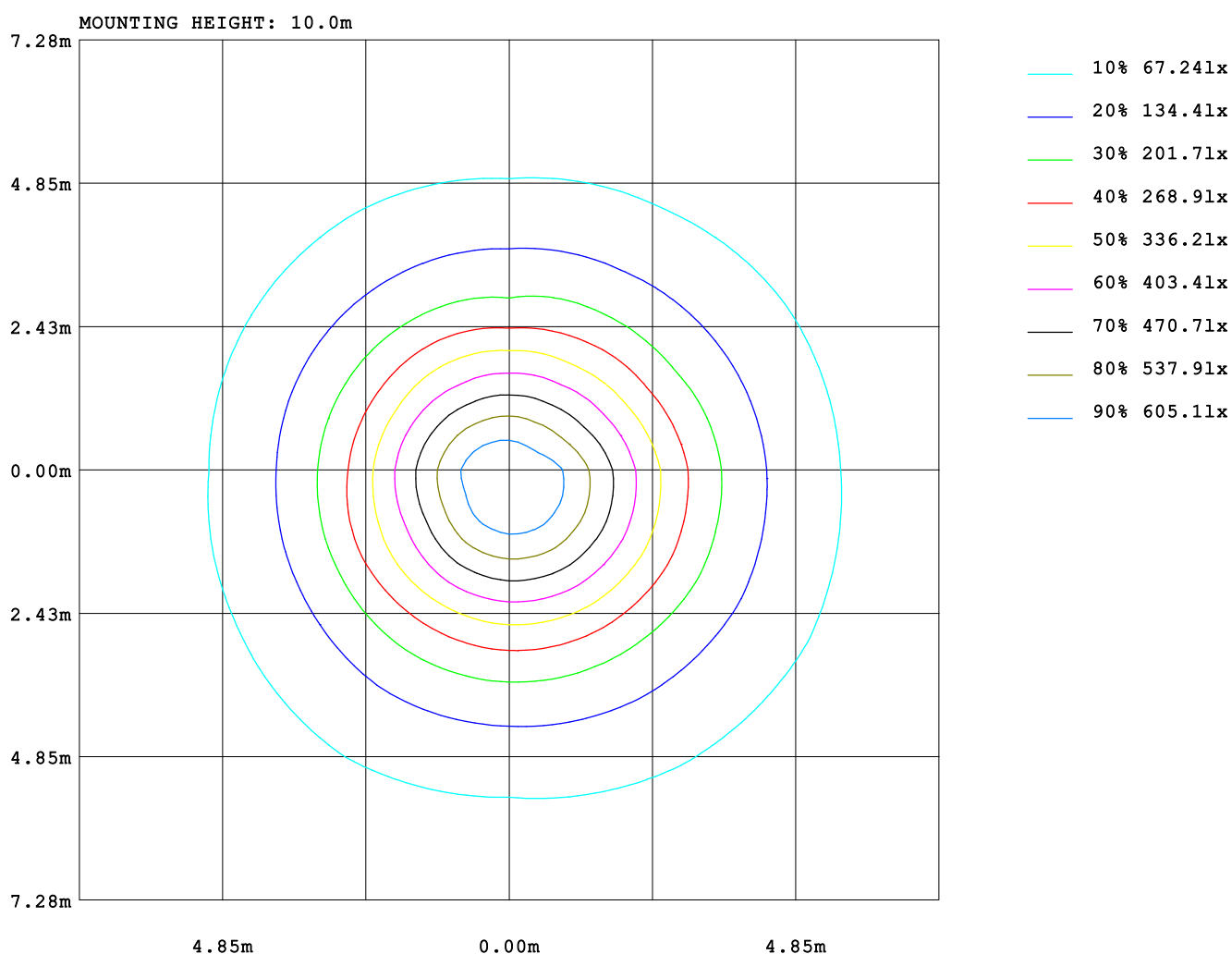
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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

UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	6617	6617	6617	6617	6617	6617	6617	6617	6617	6617	6617	6617
5.0	6065	6260	6419	6441	6394	6193	5953	5746	5560	5522	5584	5808
10.0	4830	5079	5203	5172	5063	4767	4494	4236	4027	3997	4118	4466
15.0	3473	3667	3699	3629	3510	3451	3005	2794	2655	2433	2778	3097
20.0	2336	2461	2423	2368	2292	2101	1912	1830	1759	1718	1855	2108
25.0	1497	1642	1610	1502	1491	1321	1127	1132	1119	1041	1177	1395
30.0	925	1056	1036	901	945	818	712	711	713	665	752	883
35.0	598	677	664	590	608	549	490	490	486	469	514	585
40.0	432	476	470	426	436	404	364	366	365	352	383	424
45.0	337	365	360	328	338	327	290	295	293	283	305	334
50.0	276	292	292	270	278	263	243	245	242	234	249	259
55.0	220	233	236	225	229	220	207	204	199	194	201	215
60.0	172	183	189	183	187	181	169	165	159	154	157	167
65.0	129	138	143	142	145	141	133	126	120	117	117	125
70.0	92.1	97.6	103	104	105	102	96.0	87.9	81.3	83.2	79.3	85.6
75.0	58.1	61.1	65.6	69.5	67.9	64.4	62.6	54.3	47.6	52.6	46.6	51.0
80.0	26.2	29.7	32.8	38.8	34.7	38.7	28.2	19.1	18.2	20.4	17.8	20.0
85.0	5.23	7.14	10.0	9.06	10.8	7.83	4.57	3.23	2.04	2.76	2.03	2.93
90.0	0.64	0.36	0.94	0.51	0.96	0.35	0.48	0.64	0.29	0.64	0.29	0.66

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