

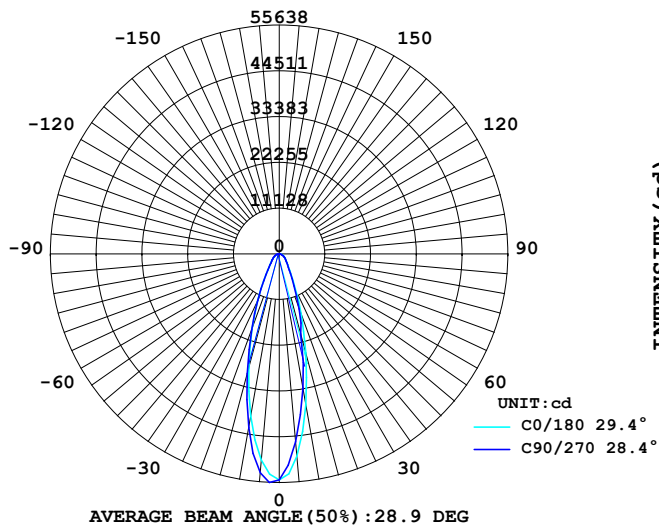
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

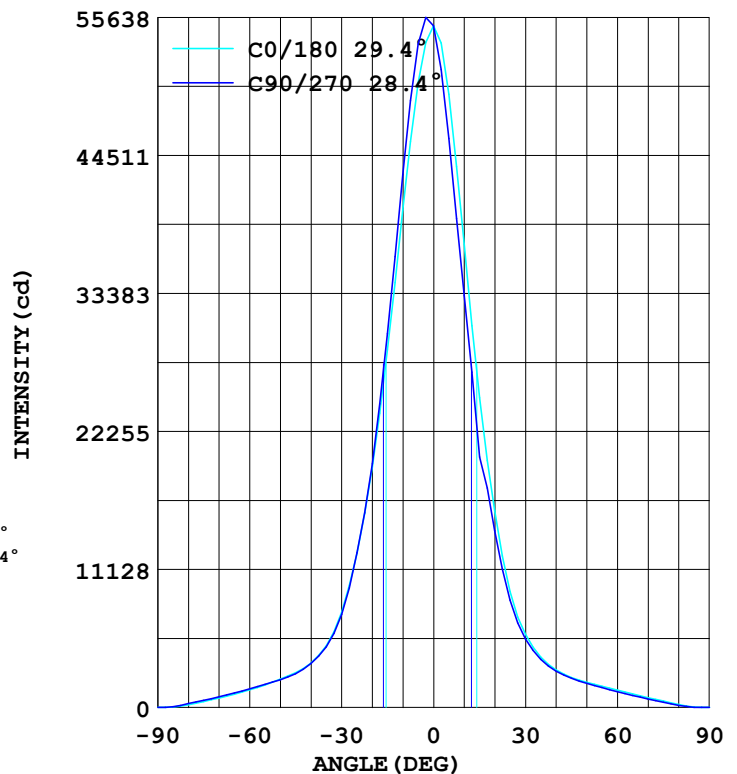
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-S47N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 30deg	SERIAL No.:

DATA OF LAMP		Imax (cd)	55638	S/MH (C0/180)	0.51
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.53
NOMINAL POWER (W)	200	TOTAL FLUX (lm)	25293	Voltage (V)	230.1
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.4	Current (A)	0.898
NOMINAL FLUX (lm)	25293.2	η up (%)	0.0	Power (W)	201.6
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.976
TEST VOLTAGE (V)	230.2	Effective Flux (lm)	25293.2	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



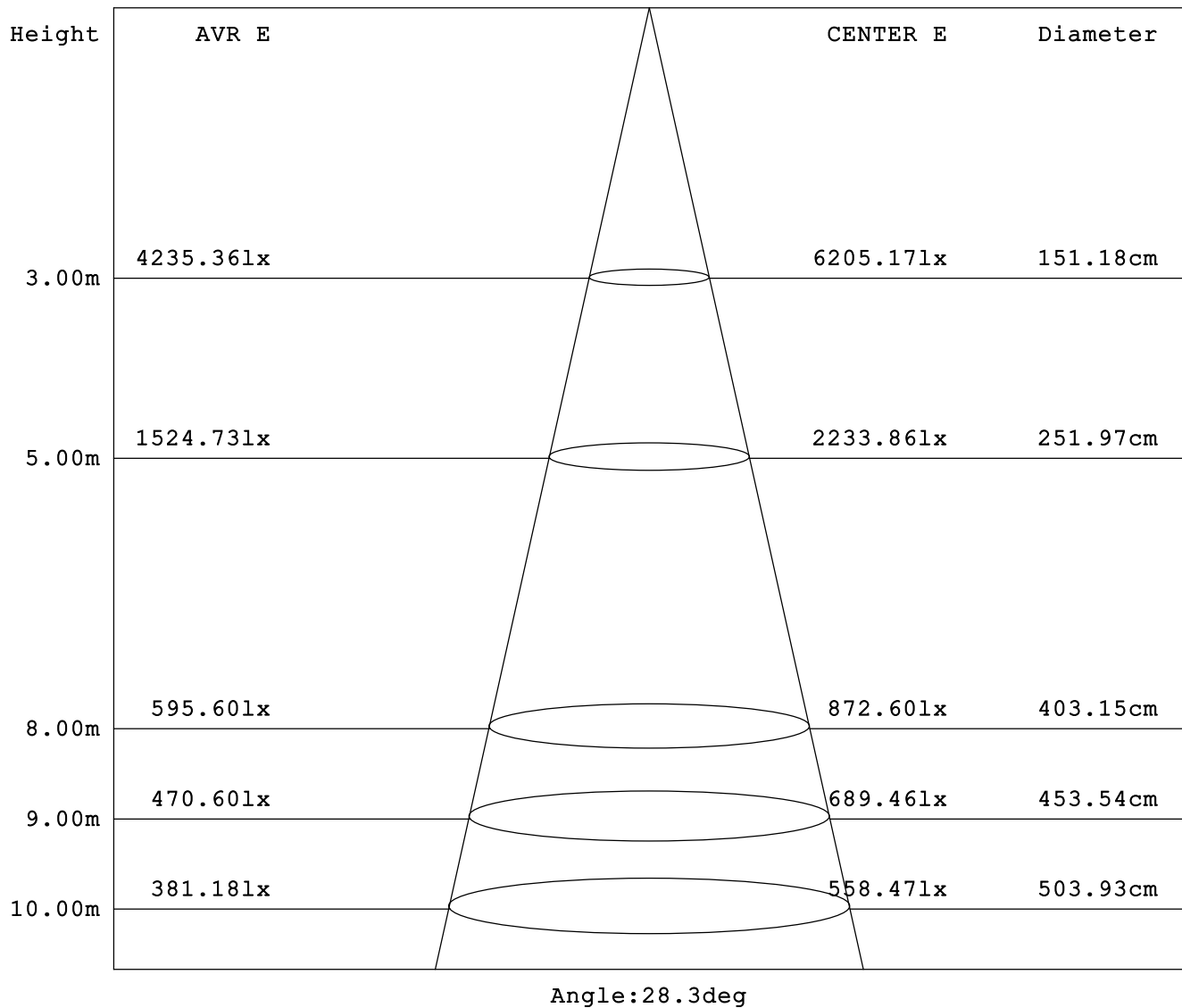
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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-FL200-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	5037	5265	5349	5227	4944	4695	4586	4730	0- 5	1251	1251
10.0	4011	4270	4295	4082	3733	3431	3320	3564	5- 10	3131	4382
15.0	2884	3059	3014	2891	2496	2263	2020	2439	10- 15	3795	8177
20.0	1940	2028	1966	1824	1588	1490	1427	1645	15- 20	3548	11725
25.0	1243	1350	1248	1168	936.2	934.5	864.5	1068	20- 25	2942	14667
30.0	768.1	868.8	748.6	732.4	591.2	591.2	552.5	678.9	25- 30	2250	16917
35.0	496.7	556.8	489.8	480.6	406.8	405.5	389.5	456.4	30- 35	1684	18602
40.0	358.5	393.0	353.8	348.9	302.1	303.2	292.0	335.0	35- 40	1325	19926
45.0	279.6	300.9	272.2	276.2	241.0	244.0	235.3	265.2	40- 45	1112	21038
50.0	229.2	242.4	224.0	224.7	202.1	201.9	194.5	210.7	45- 50	974.5	22013
55.0	182.9	194.9	186.8	186.6	171.6	167.4	161.0	172.9	50- 55	859.2	22872
60.0	143.2	154.4	151.8	153.0	140.3	134.3	128.1	134.6	55- 60	742.0	23614
65.0	107.4	116.7	117.6	118.8	110.0	102.3	97.29	100.5	60- 65	611.4	24225
70.0	76.55	83.13	86.25	86.06	79.81	70.33	69.11	68.51	65- 70	469.9	24695
75.0	48.26	52.62	57.74	54.98	51.99	42.35	43.73	40.59	70- 75	327.5	25023
80.0	21.83	26.01	32.29	30.51	23.46	15.52	17.00	15.76	75- 80	190.3	25213
85.0	4.344	7.120	7.529	7.764	3.801	2.192	2.297	2.061	80- 85	68.99	25282
90.0	0.531	0.536	0.421	0.547	0.401	0.387	0.529	0.395	85- 90	10.91	25293
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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 Test Date: 2020.12.14

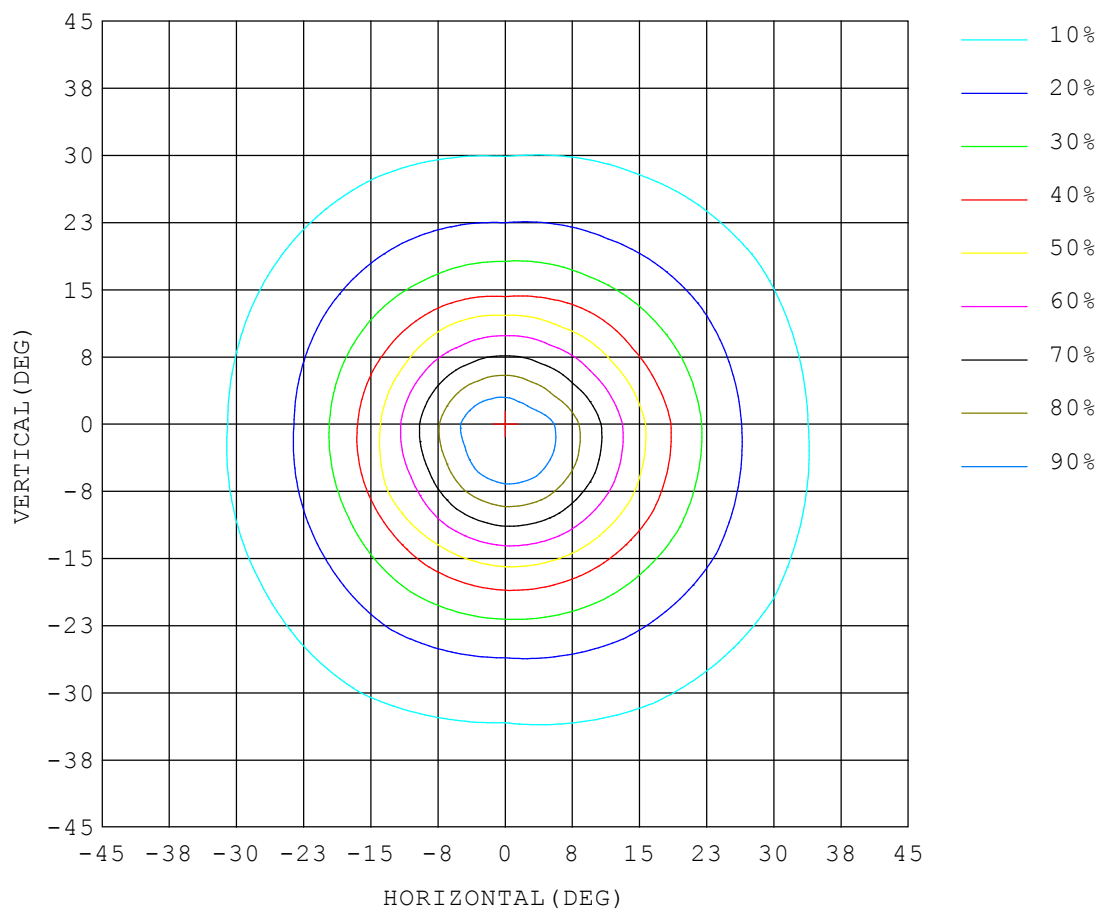
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 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



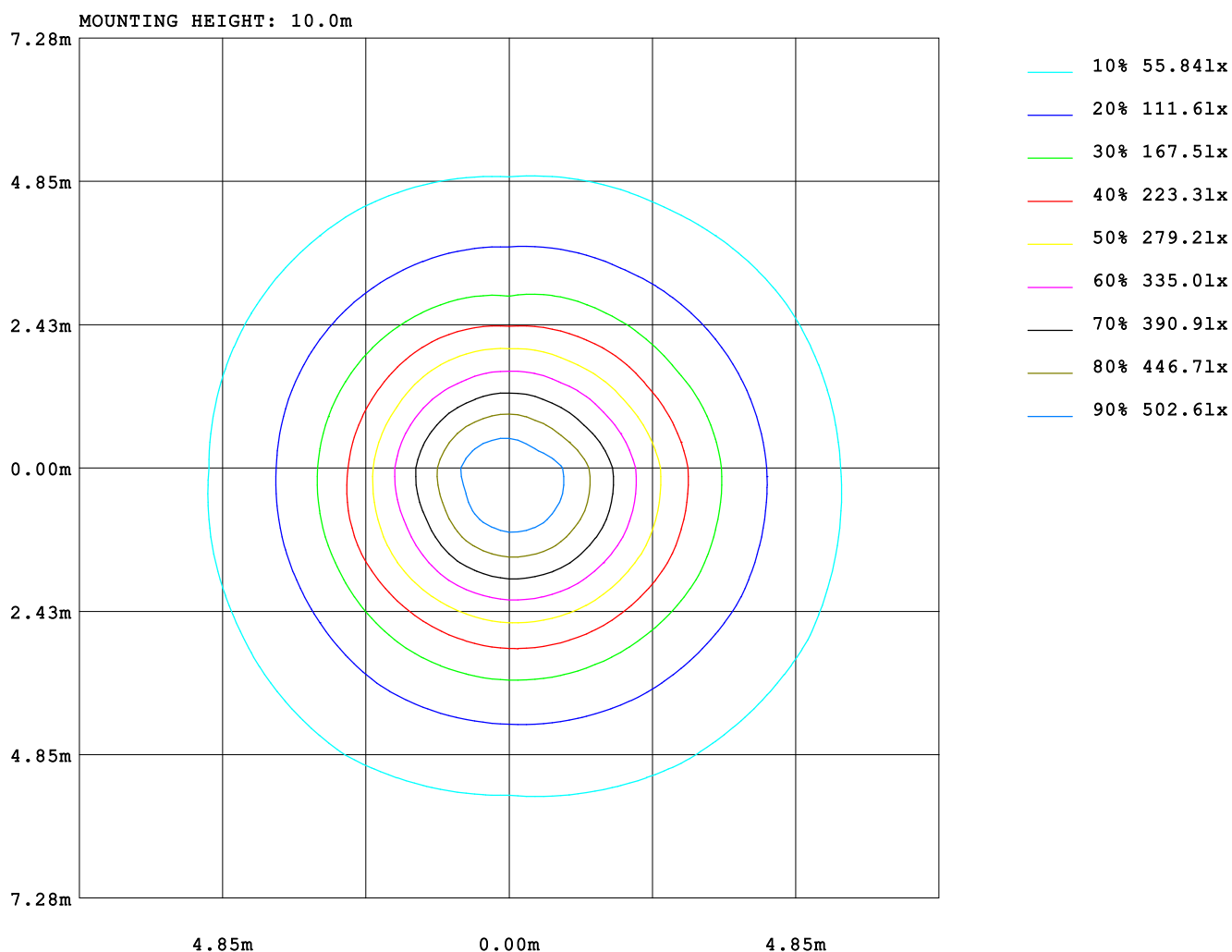
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	5495	5495	5495	5495	5495	5495	5495	5495	5495	5495	5495	5495
5.0	5037	5199	5331	5349	5310	5143	4944	4772	4618	4586	4637	4823
10.0	4011	4218	4321	4295	4204	3959	3733	3518	3344	3320	3420	3709
15.0	2884	3046	3072	3014	2915	2866	2496	2320	2205	2020	2307	2572
20.0	1940	2044	2012	1966	1903	1745	1588	1520	1461	1427	1541	1750
25.0	1243	1364	1337	1248	1238	1097	936	940	929	865	978	1159
30.0	768	877	861	749	785	680	591	590	592	553	625	733
35.0	497	562	552	490	505	456	407	407	404	390	427	486
40.0	359	396	390	354	362	336	302	304	303	292	318	352
45.0	280	303	299	272	281	272	241	245	243	235	253	278
50.0	229	242	242	224	231	219	202	203	201	195	207	215
55.0	183	193	196	187	190	183	172	170	165	161	167	179
60.0	143	152	157	152	155	151	140	137	132	128	131	139
65.0	107	114	119	118	121	117	110	105	99.6	97.2	97.2	104
70.0	76.5	81.1	85.1	86.2	87.5	84.5	79.8	73.0	67.5	69.1	65.9	71.1
75.0	48.2	50.7	54.5	57.7	56.4	53.5	51.9	45.1	39.5	43.7	38.7	42.4
80.0	21.8	24.7	27.3	32.2	28.8	32.1	23.4	15.9	15.1	17.0	14.8	16.6
85.0	4.34	5.93	8.31	7.52	9.01	6.50	3.80	2.68	1.69	2.29	1.68	2.43
90.0	0.53	0.30	0.78	0.42	0.80	0.29	0.40	0.53	0.24	0.53	0.24	0.55

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