

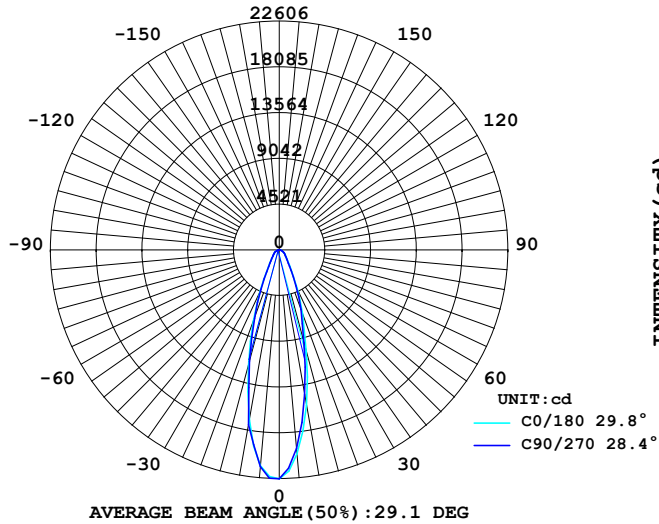
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

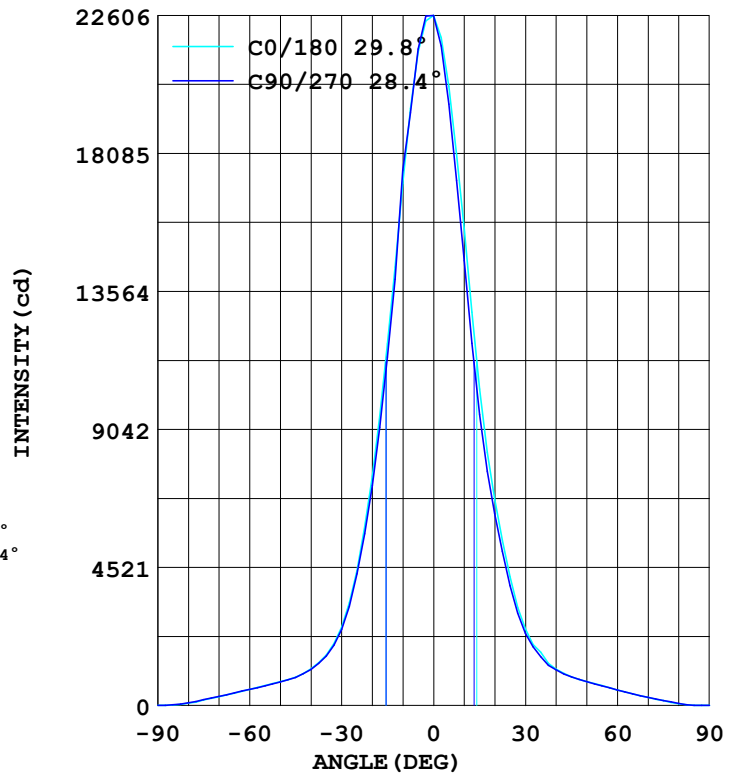
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-S47N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 30deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	22664	S/MH (C0/180)	0.51
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.50
NOMINAL POWER(W)	80	TOTAL FLUX(lm)	9993.1	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.7	Current(A)	0.355
NOMINAL FLUX(lm)	9993.2	η up (%)	0.0	Power(W)	79.50
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	229.6	Effective Flux(lm)	9993.2	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



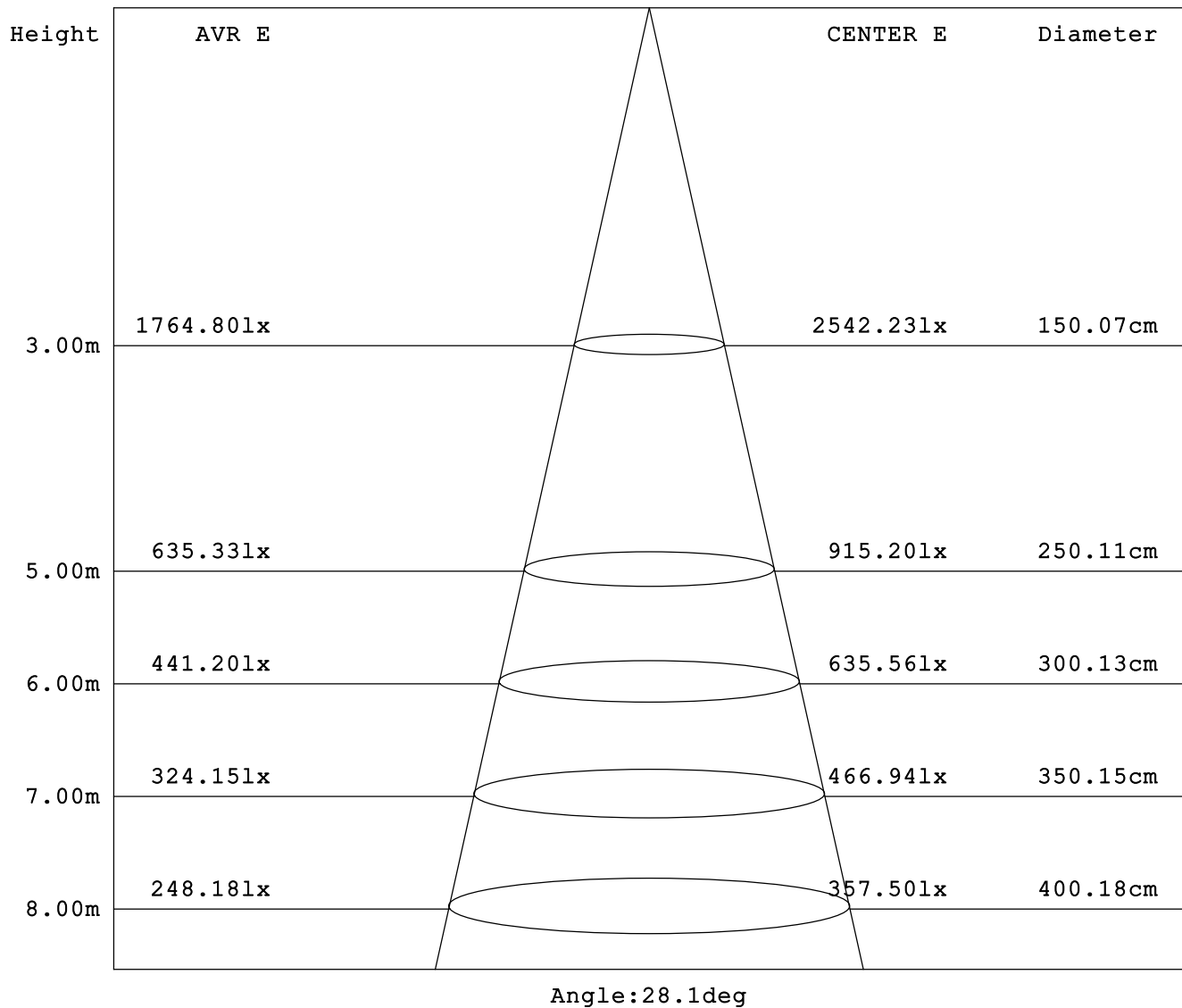
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LUCKY SSL	Address:	
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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
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SPECIFICATION: 2835 LED	DIMENSION: 30deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2141	2171	2150	2097	2027	1979	1970	2040	0- 5	517.7	517.7
10.0	1710	1729	1753	1616	1562	1488	1456	1576	5- 10	1309	1827
15.0	1185	1197	1141	1092	1037	978.5	952.2	1056	10- 15	1564	3391
20.0	751.3	760.1	720.5	697.9	676.9	646.2	628.7	694.2	15- 20	1435	4826
25.0	442.2	482.0	431.9	456.9	421.7	432.1	392.6	447.8	20- 25	1179	6004
30.0	256.7	287.6	248.5	284.1	251.4	275.6	236.4	269.8	25- 30	884.4	6889
35.0	165.5	179.2	161.5	180.3	174.9	179.6	159.4	177.3	30- 35	637.5	7526
40.0	119.7	127.2	118.4	128.7	119.0	128.2	116.7	124.5	35- 40	489.5	8016
45.0	92.82	99.68	92.24	100.8	94.21	101.3	93.49	99.07	40- 45	407.9	8424
50.0	78.00	83.06	76.75	83.52	78.49	82.14	77.75	81.57	45- 50	359.8	8783
55.0	65.41	69.37	64.43	68.98	65.16	66.57	64.50	67.16	50- 55	321.1	9105
60.0	52.82	56.52	53.18	55.56	51.22	51.81	51.32	53.05	55- 60	277.9	9383
65.0	40.63	43.63	41.42	41.92	38.46	38.05	38.45	39.87	60- 65	228.2	9611
70.0	29.12	31.10	29.81	29.10	26.47	25.36	26.69	27.29	65- 70	173.0	9784
75.0	18.21	19.57	18.90	18.38	15.79	14.65	16.50	16.63	70- 75	118.1	9902
80.0	7.860	9.774	8.814	7.831	5.718	5.560	6.991	7.146	75- 80	64.79	9967
85.0	1.538	2.762	2.213	1.775	0.611	0.752	0.743	1.302	80- 85	22.69	9990
90.0	0.249	0.262	0.153	0.185	0.174	0.182	0.245	0.185	85- 90	3.677	9993
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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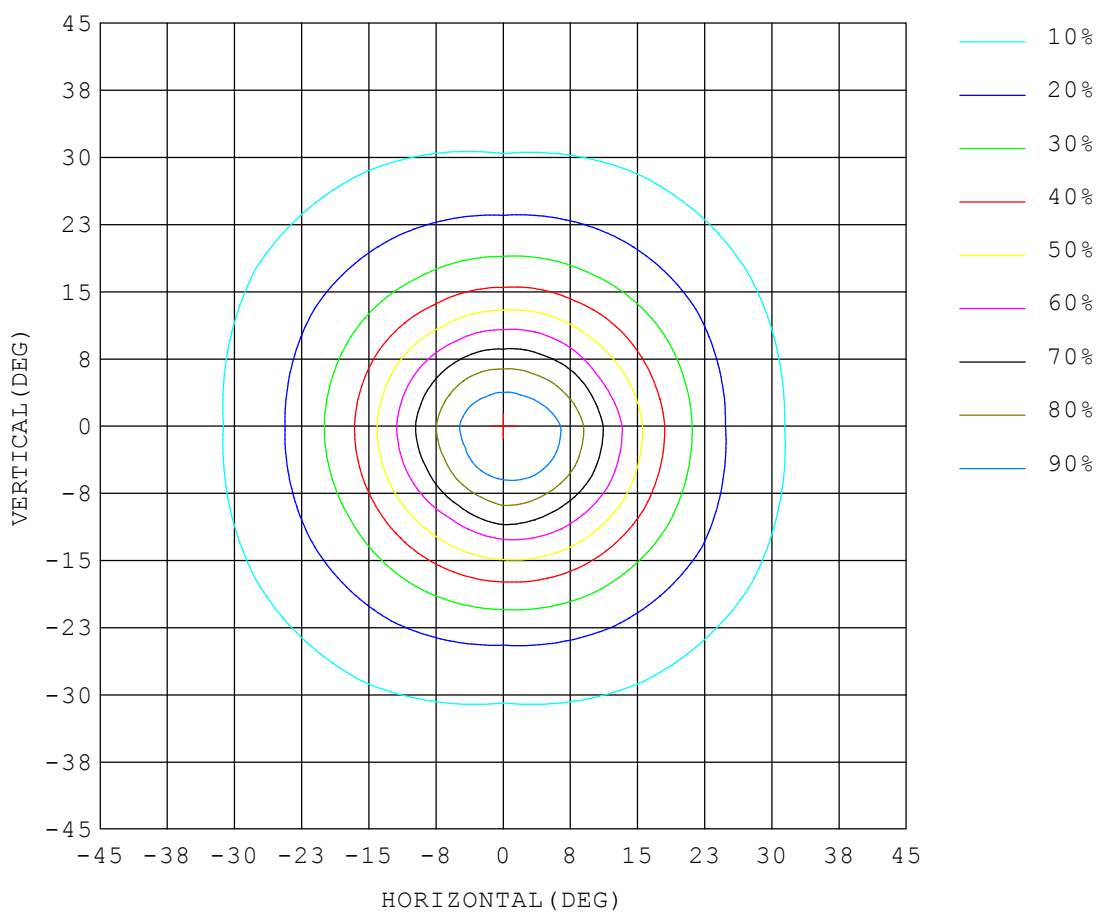
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ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



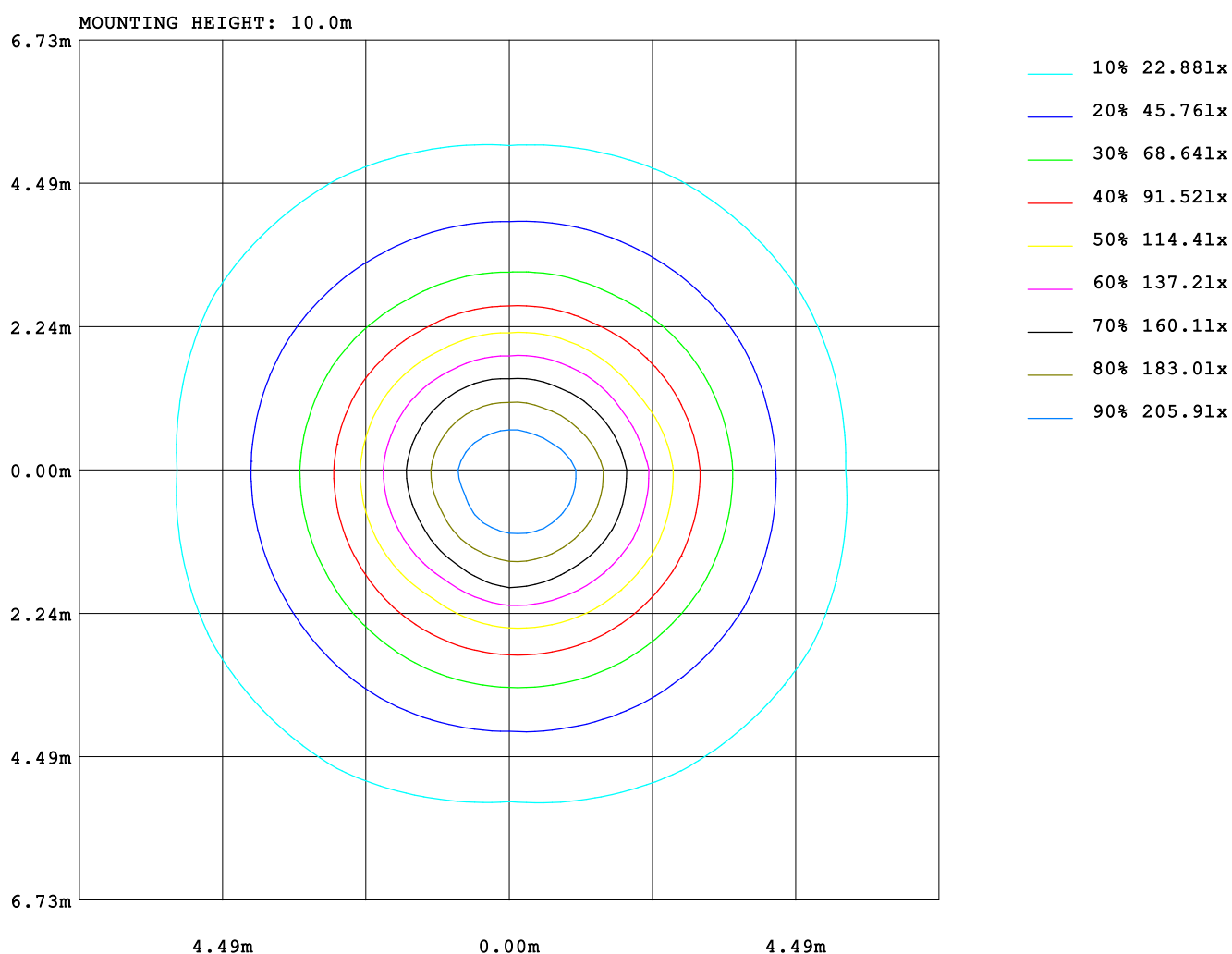
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ISOLUX DIAGRAM

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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	2261	2261	2261	2261	2261	2261	2261	2261	2261	2261	2261	2261
5.0	2141	2167	2175	2150	2120	2074	2027	1995	1962	1970	2003	2076
10.0	1710	1737	1721	1753	1637	1595	1562	1515	1462	1456	1521	1632
15.0	1185	1208	1186	1141	1109	1076	1037	1003	954	952	1005	1107
20.0	751	766	754	721	709	687	677	660	633	629	664	724
25.0	442	490	474	432	458	455	422	440	424	393	434	462
30.0	257	291	284	249	285	283	251	279	272	236	266	274
35.0	166	181	178	162	181	180	175	181	178	159	179	176
40.0	120	127	127	118	129	129	119	129	127	117	124	125
45.0	92.8	99.8	99.4	92.2	101	101	94.2	102	100	93.4	98.8	99.2
50.0	78.0	83.1	83.0	76.7	83.5	83.5	78.4	82.8	81.4	77.7	81.2	81.9
55.0	65.4	69.5	69.2	64.4	69.1	68.8	65.1	67.1	66.0	64.5	66.5	67.7
60.0	52.8	56.5	56.5	53.1	55.8	55.2	51.2	52.1	51.5	51.3	52.5	53.5
65.0	40.6	43.3	43.9	41.4	42.5	41.3	38.4	38.2	37.8	38.4	39.4	40.3
70.0	29.1	30.9	31.2	29.8	29.6	28.5	26.4	25.6	25.0	26.6	26.6	27.8
75.0	18.2	19.5	19.5	18.9	17.9	18.8	15.7	14.8	14.5	16.5	16.0	17.2
80.0	7.86	9.70	9.84	8.81	7.86	7.80	5.71	5.79	5.32	6.99	6.44	7.85
85.0	1.53	2.57	2.95	2.21	2.05	1.49	0.61	0.96	0.54	0.74	0.85	1.75
90.0	0.25	0.17	0.36	0.15	0.28	0.09	0.17	0.26	0.11	0.25	0.11	0.26

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