

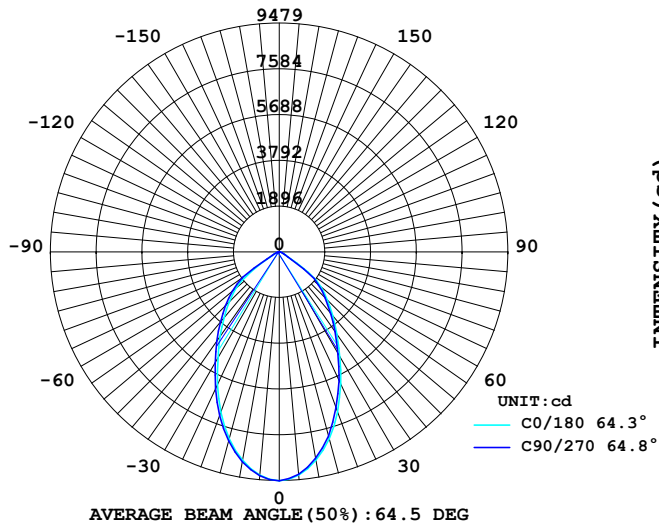
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

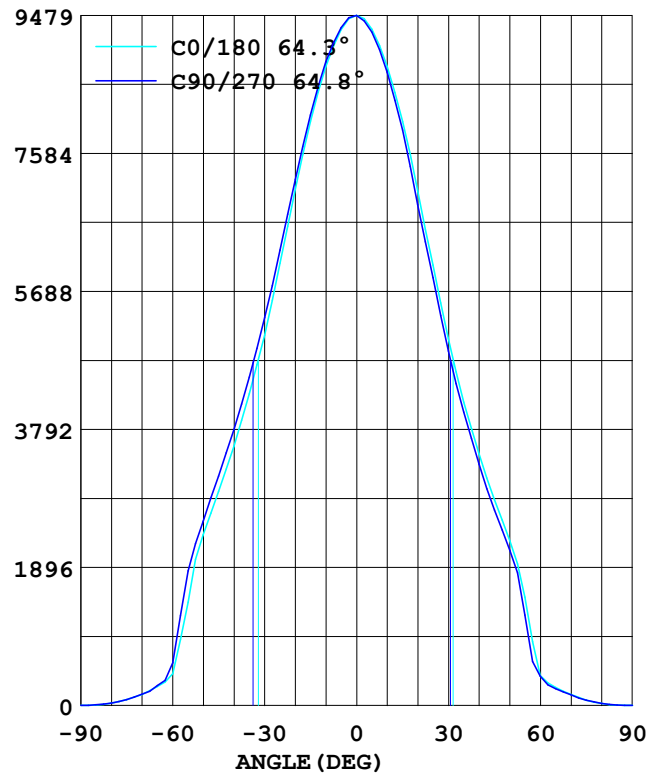
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-S48N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	9479	S/MH (C0/180)	0.90
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.92
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	12833	Voltage(V)	231.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.2	Current(A)	0.454
NOMINAL FLUX(lm)	12833.0	$\eta$ up (%)	0.0	Power(W)	102.5
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	231.4	Effective Flux(lm)	12833.0	EEI	0.120

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



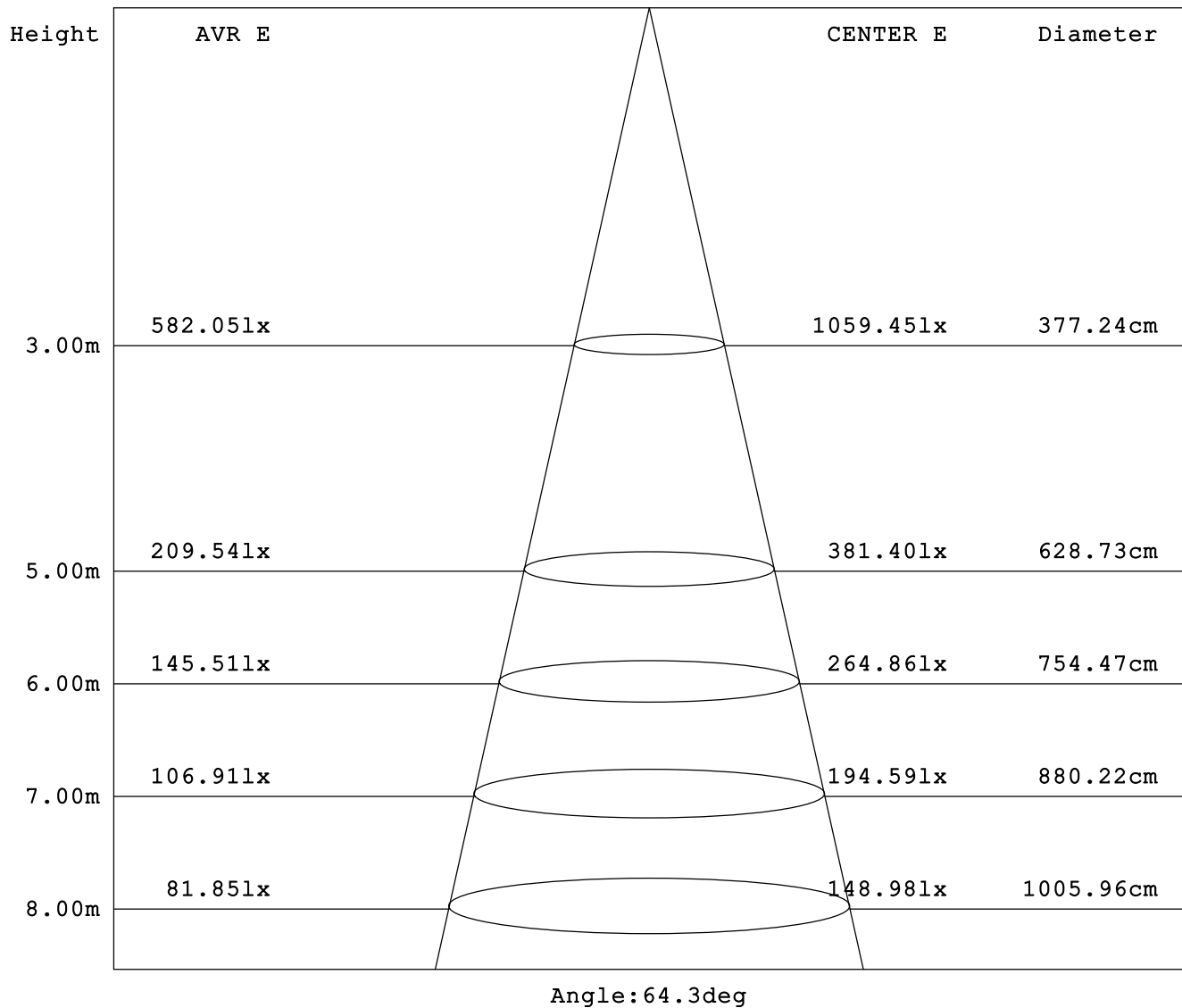
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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

AVERAGE AND CENTER E Figure

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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-S48N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	Zone	total
5.0	9285	9306	9311	9304	9286	9251	9250	9276	0- 5	224.2	224.2
10.0	8774	8811	8838	8815	8773	8678	8694	8732	5- 10	645.1	869.4
15.0	8018	8061	8111	8063	8023	7873	7902	7960	10- 15	993.2	1863
20.0	7093	7184	7226	7173	7070	6890	6880	6981	15- 20	1239	3102
25.0	6076	6212	6256	6196	6050	5902	5875	5974	20- 25	1373	4475
30.0	5086	5272	5329	5243	5035	4900	4869	4972	25- 30	1408	5883
35.0	4281	4439	4509	4382	4167	4026	4029	4118	30- 35	1370	7253
40.0	3560	3713	3788	3642	3453	3311	3313	3394	35- 40	1292	8545
45.0	2939	3084	3151	3002	2823	2687	2683	2746	40- 45	1184	9729
50.0	2345	2502	2529	2419	2264	2159	2128	2201	45- 50	1051	10780
55.0	1416	1933	1849	1868	1487	1574	1244	1590	50- 55	873.5	11653
60.0	437.3	1272	587.4	1247	413.1	1021	404.4	1046	55- 60	590.3	12243
65.0	259.7	581.2	275.5	578.1	248.1	412.4	228.8	417.8	60- 65	316.7	12560
70.0	151.2	226.6	155.9	227.9	153.5	195.9	146.7	198.3	65- 70	143.8	12704
75.0	82.10	129.4	82.69	127.3	73.65	104.0	72.02	106.1	70- 75	75.84	12780
80.0	31.39	54.33	34.05	51.81	27.30	38.95	30.49	40.08	75- 80	37.64	12817
85.0	7.430	13.65	9.541	12.90	5.015	7.968	6.641	8.354	80- 85	12.73	12830
90.0	2.507	2.329	1.590	2.299	1.764	2.050	2.432	2.018	85- 90	2.786	12833
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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 Temperature:25.3DEG  
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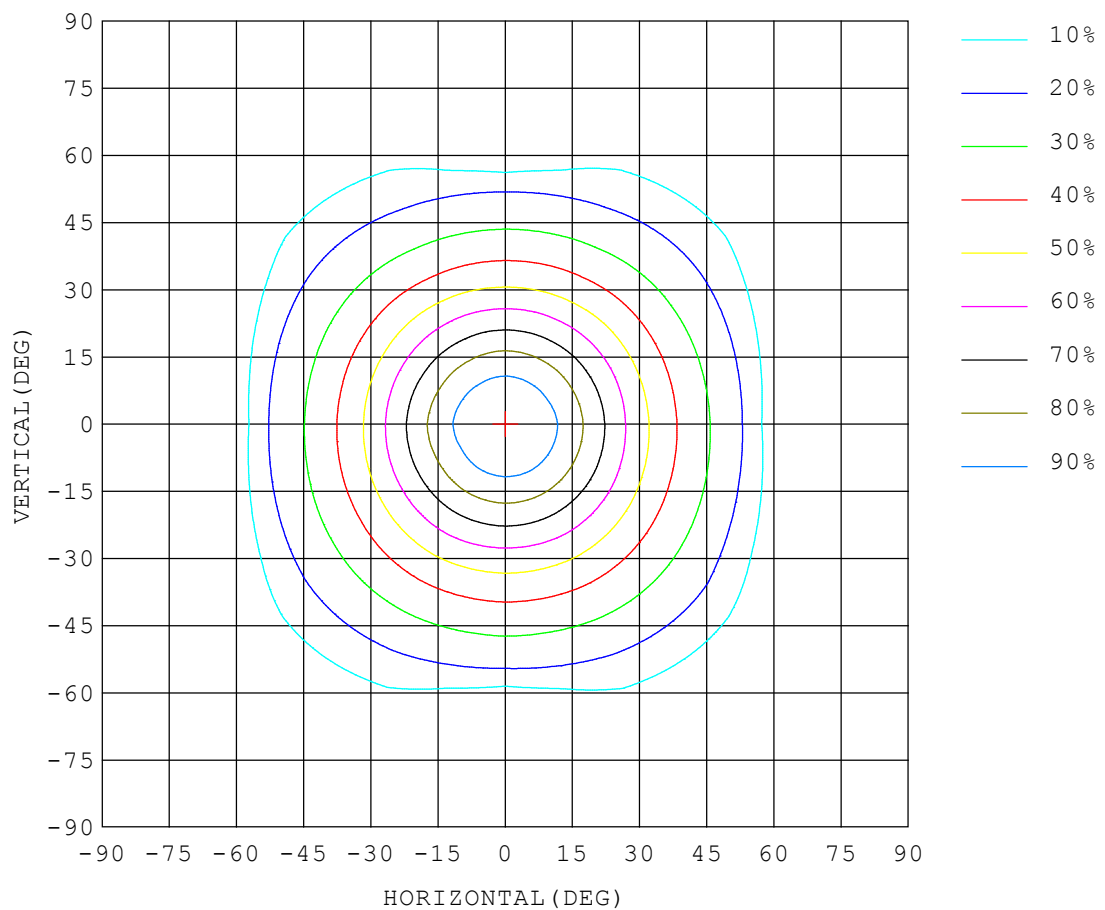
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# ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:

UNIT: cd



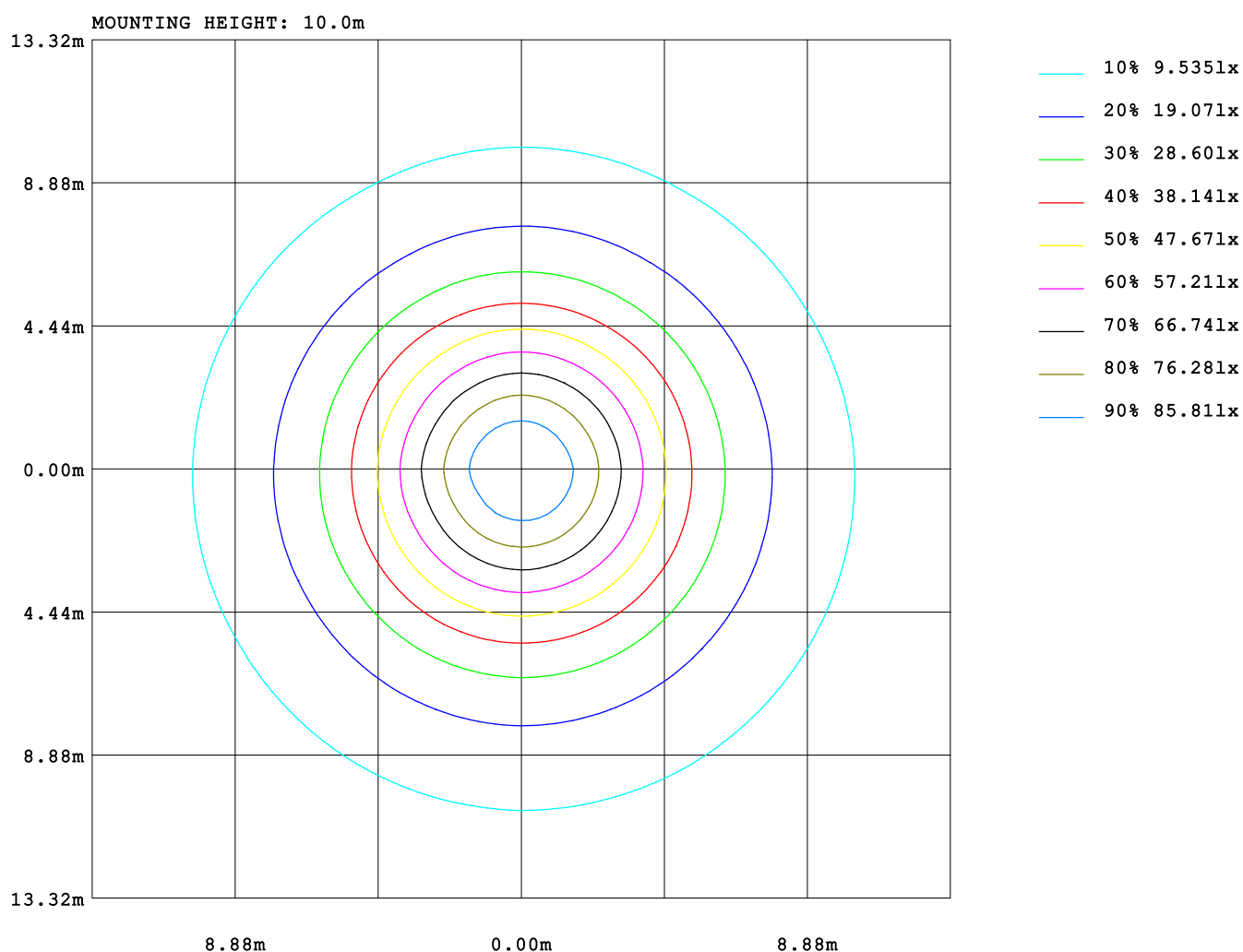
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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

# ISOLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-S48N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 60deg	SERIAL No.:



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 Temperature: 25.3DEG  
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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-S48N-HB3	TYPE:4000K/5000K/5700K	WEIGHT:
SPECIFICATION:2835 LED	DIMENSION: 60deg	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	9479	9479	9479	9479	9479	9479	9479	9479	9479	9479	9479	9479
5.0	9285	9299	9313	9311	9314	9295	9286	9259	9243	9250	9263	9289
10.0	8774	8796	8826	8838	8828	8802	8773	8697	8658	8694	8708	8755
15.0	8018	8044	8077	8111	8080	8046	8023	7895	7852	7902	7920	7999
20.0	7093	7161	7207	7226	7203	7143	7070	6919	6860	6880	6924	7039
25.0	6076	6179	6245	6256	6238	6154	6050	5931	5873	5875	5916	6033
30.0	5086	5240	5304	5329	5289	5196	5035	4929	4871	4869	4911	5034
35.0	4281	4391	4486	4509	4449	4315	4167	4059	3993	4029	4058	4178
40.0	3560	3663	3763	3788	3711	3573	3453	3348	3273	3313	3331	3457
45.0	2939	3041	3127	3151	3070	2935	2823	2727	2647	2683	2690	2802
50.0	2345	2463	2540	2529	2476	2361	2264	2197	2120	2128	2148	2253
55.0	1416	1910	1955	1849	1905	1830	1487	1582	1565	1244	1594	1587
60.0	437	1233	1312	587	1286	1208	413	1049	993	404	1005	1087
65.0	260	547	616	276	605	552	248	437	388	229	391	444
70.0	151	226	227	156	228	228	154	203	188	147	190	207
75.0	82.1	130	129	82.6	130	125	73.6	109	98.9	72.0	99.8	112
80.0	31.3	52.6	55.9	34.0	53.3	50.2	27.3	41.5	36.3	30.4	37.0	43.1
85.0	7.43	11.5	15.7	9.54	14.8	10.9	5.01	10.0	5.87	6.64	6.09	10.6
90.0	2.50	1.21	3.45	1.59	3.46	1.12	1.76	2.88	1.21	2.43	1.12	2.91

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