

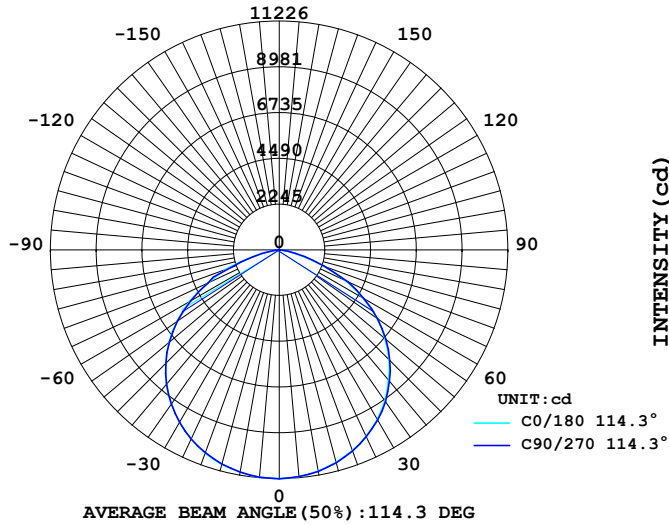
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

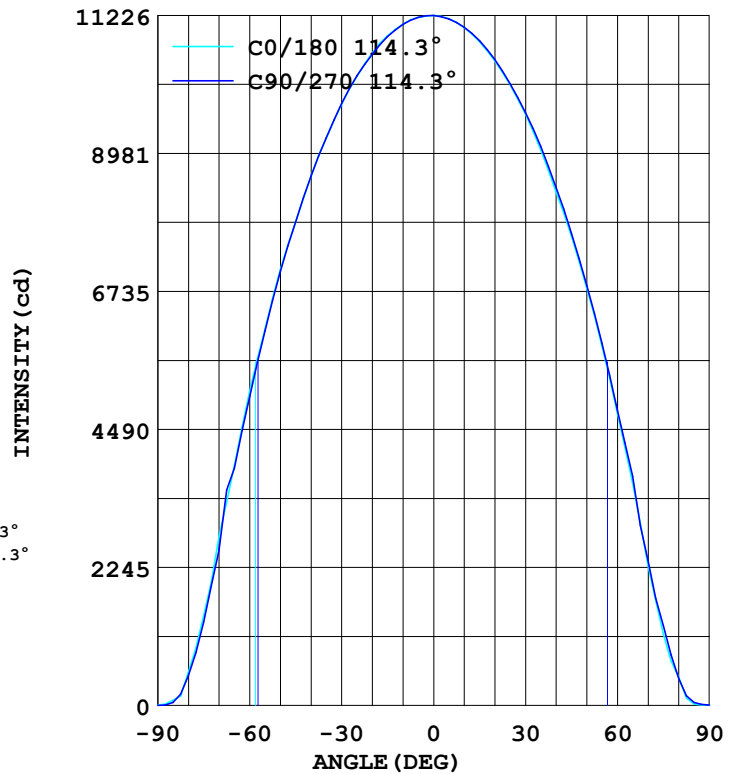
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL240-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	11226	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.29
NOMINAL POWER(W)	240	TOTAL FLUX(lm)	31222	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	130.2	Current(A)	1.064
NOMINAL FLUX(lm)	31222.0	$\eta$ up (%)	0.0	Power(W)	239.8
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.977
TEST VOLTAGE (V)	230.7	Effective Flux(lm)	31222.0	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



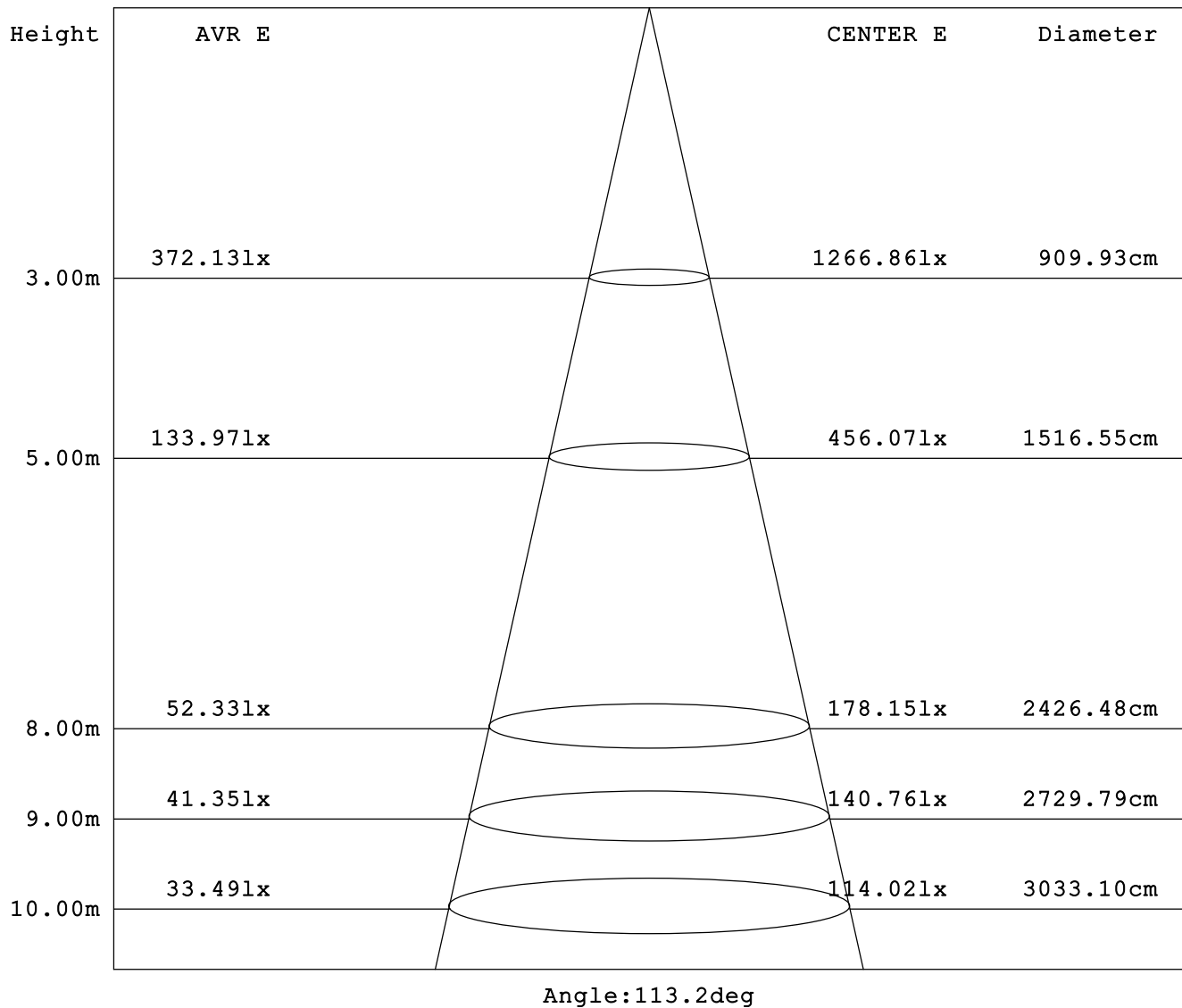
Test System: HOPOO HPG1800  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2020.12.14

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:	
NAME: FK-FL240-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
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Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL240-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1119	1120	1119	1118	1117	1116	1117	1118	0- 5	267.8	267.8
10.0	1108	1109	1108	1105	1103	1103	1103	1107	5- 10	795.5	1063
15.0	1089	1090	1088	1083	1080	1080	1081	1086	10- 15	1299	2363
20.0	1061	1062	1059	1052	1049	1049	1051	1058	15- 20	1764	4126
25.0	1023	1027	1024	1014	1010	1008	1011	1019	20- 25	2173	6300
30.0	978.1	982.4	978.9	968.5	962.4	959.2	964.5	972.1	25- 30	2516	8815
35.0	923.0	927.8	923.3	911.2	903.6	902.2	909.4	917.7	30- 35	2777	11593
40.0	860.5	865.4	860.5	846.7	834.9	834.9	842.0	852.6	35- 40	2945	14538
45.0	786.1	791.5	786.1	771.6	763.0	759.9	767.8	779.9	40- 45	3011	17549
50.0	708.3	711.5	704.9	690.2	678.1	675.0	682.8	694.1	45- 50	2969	20518
55.0	613.2	619.3	610.0	594.8	585.1	581.7	589.5	602.9	50- 55	2812	23330
60.0	511.8	517.3	502.7	493.2	476.0	474.6	481.4	498.7	55- 60	2530	25859
65.0	390.3	401.7	385.8	377.0	362.1	363.8	373.1	388.3	60- 65	2131	27991
70.0	274.8	277.4	252.6	241.6	227.6	231.3	236.3	245.6	65- 70	1609	29600
75.0	145.8	154.7	135.5	135.3	116.3	123.9	130.0	143.3	70- 75	1005	30605
80.0	53.83	58.08	47.99	46.69	45.99	41.03	43.79	49.60	75- 80	479.8	31085
85.0	8.543	10.02	4.869	5.493	2.402	4.045	4.999	7.208	80- 85	123.6	31208
90.0	0.839	0.675	0.319	0.584	0.625	0.675	0.826	0.671	85- 90	13.81	31222
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	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
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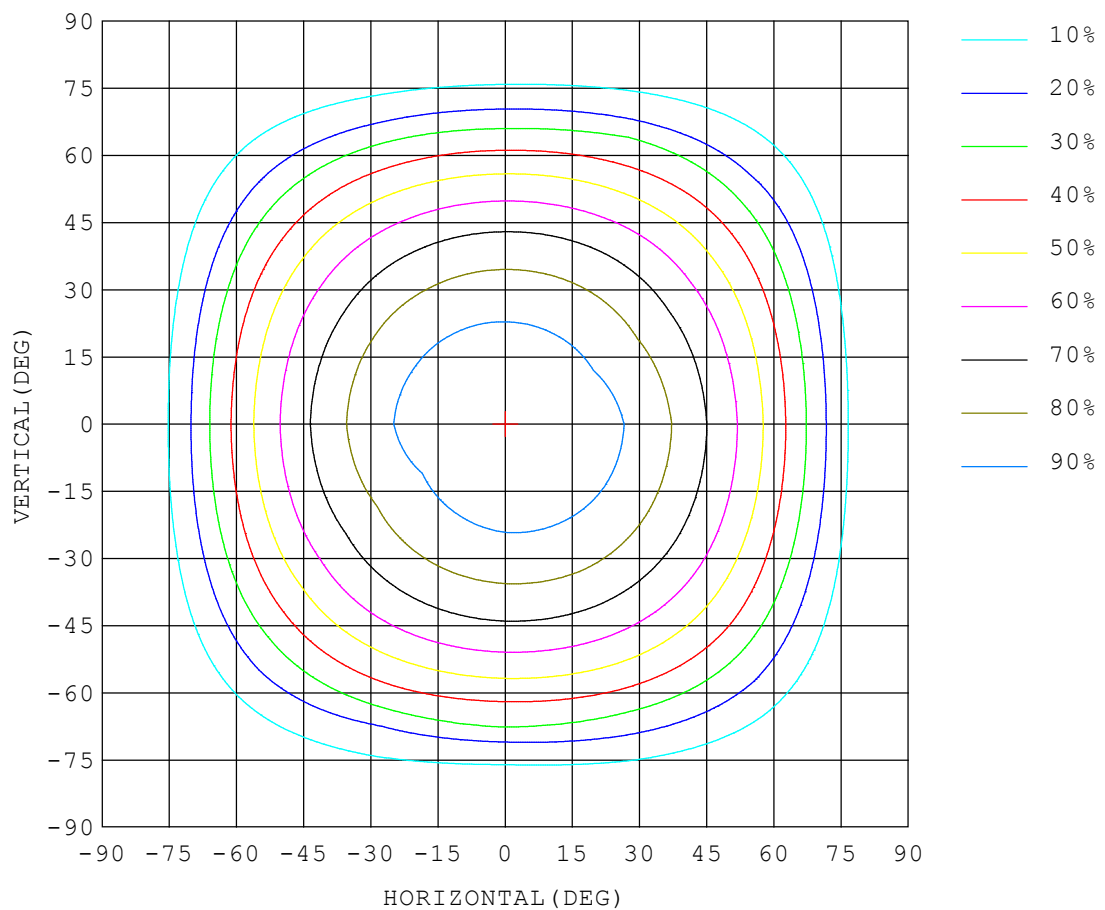
Test Set: 6.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

# ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL240-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

UNIT: cd



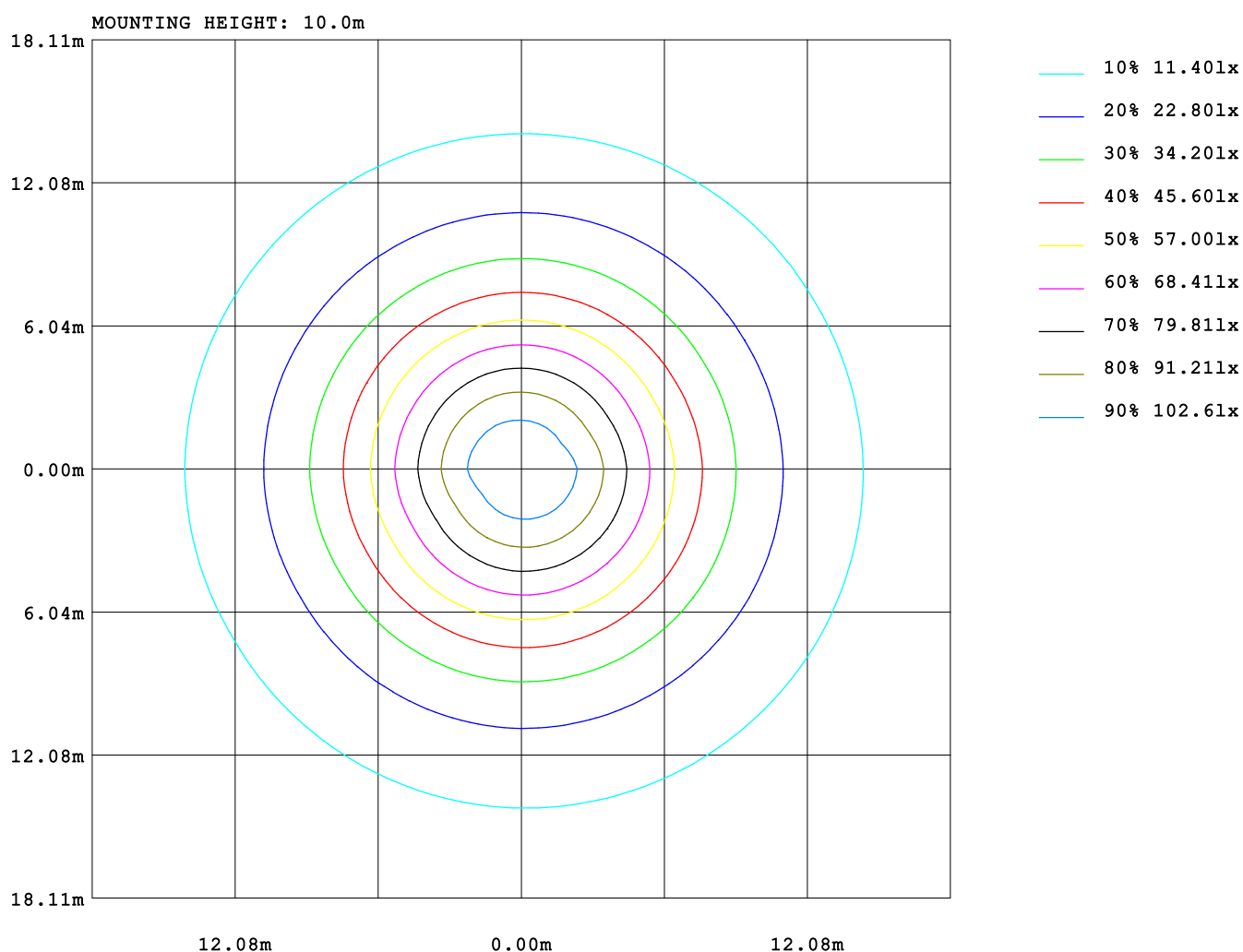
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

Test Set: 6.0 deg/s C-Gamma (TYPE C)  
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 Remarks:

# ISOLUX DIAGRAM

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MANUFACTURER: LUCKY SSL	Address:	
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SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:



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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL240-110N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 110deg	SERIAL No.:

UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1123	1123	1123	1123	1123	1123	1123	1123	1123	1123	1123	1123
5.0	1119	1120	1119	1119	1118	1118	1117	1117	1116	1117	1118	1119
10.0	1108	1110	1109	1108	1106	1104	1103	1102	1103	1103	1106	1108
15.0	1089	1090	1090	1088	1085	1082	1080	1079	1080	1081	1085	1088
20.0	1061	1063	1062	1059	1054	1050	1049	1048	1049	1051	1055	1061
25.0	1023	1027	1026	1024	1017	1011	1010	1007	1008	1011	1017	1022
30.0	978	981	984	979	973	964	962	958	961	965	971	974
35.0	923	927	929	923	916	907	904	902	903	909	915	920
40.0	861	866	865	861	852	842	835	833	837	842	850	856
45.0	786	792	791	786	777	766	763	757	763	768	777	783
50.0	708	713	710	705	696	685	678	674	676	683	689	699
55.0	613	621	618	610	600	590	585	580	583	590	597	609
60.0	512	518	516	503	498	488	476	475	474	481	492	505
65.0	390	404	399	386	382	372	362	363	365	373	382	395
70.0	275	280	275	253	232	251	228	233	229	236	247	245
75.0	146	152	157	136	140	131	116	125	123	130	139	148
80.0	53.8	57.6	58.5	47.9	46.9	46.4	45.9	38.2	43.8	43.7	48.0	51.1
85.0	8.54	9.44	10.6	4.86	7.00	3.97	2.40	4.24	3.84	4.99	5.97	8.45
90.0	0.84	0.46	0.89	0.32	0.79	0.38	0.63	0.89	0.46	0.83	0.45	0.89

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