

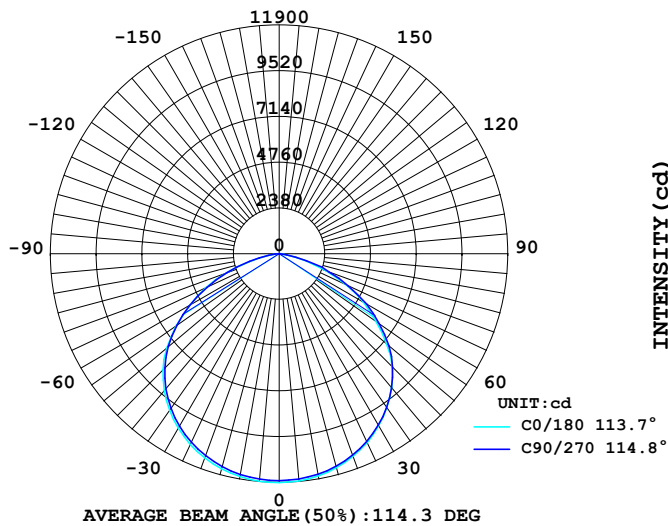
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

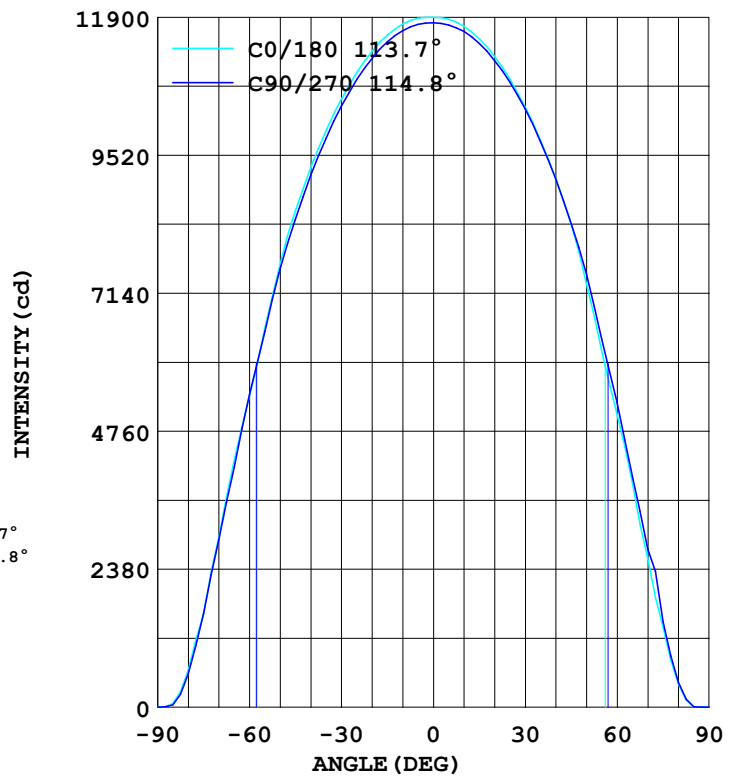
MANUFACTURER: LUCKY SSL		Address:	
NAME: FK-FD240-110N-HB		TYPE: 4000K/5000K	WEIGHT:
SPECIFICATION: LED3030		DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	11900	S/MH (C0/180)	1.31
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.31
NOMINAL POWER (W)	240	TOTAL FLUX (lm)	33550	Voltage (V)	229.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	143.5	Current (A)	1.010
NOMINAL FLUX (lm)	33550.3	η up (%)	0.0	Power (W)	233.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.988
TEST VOLTAGE (V)	229.3	Effective Flux (lm)	33094.2	EET	0.106

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



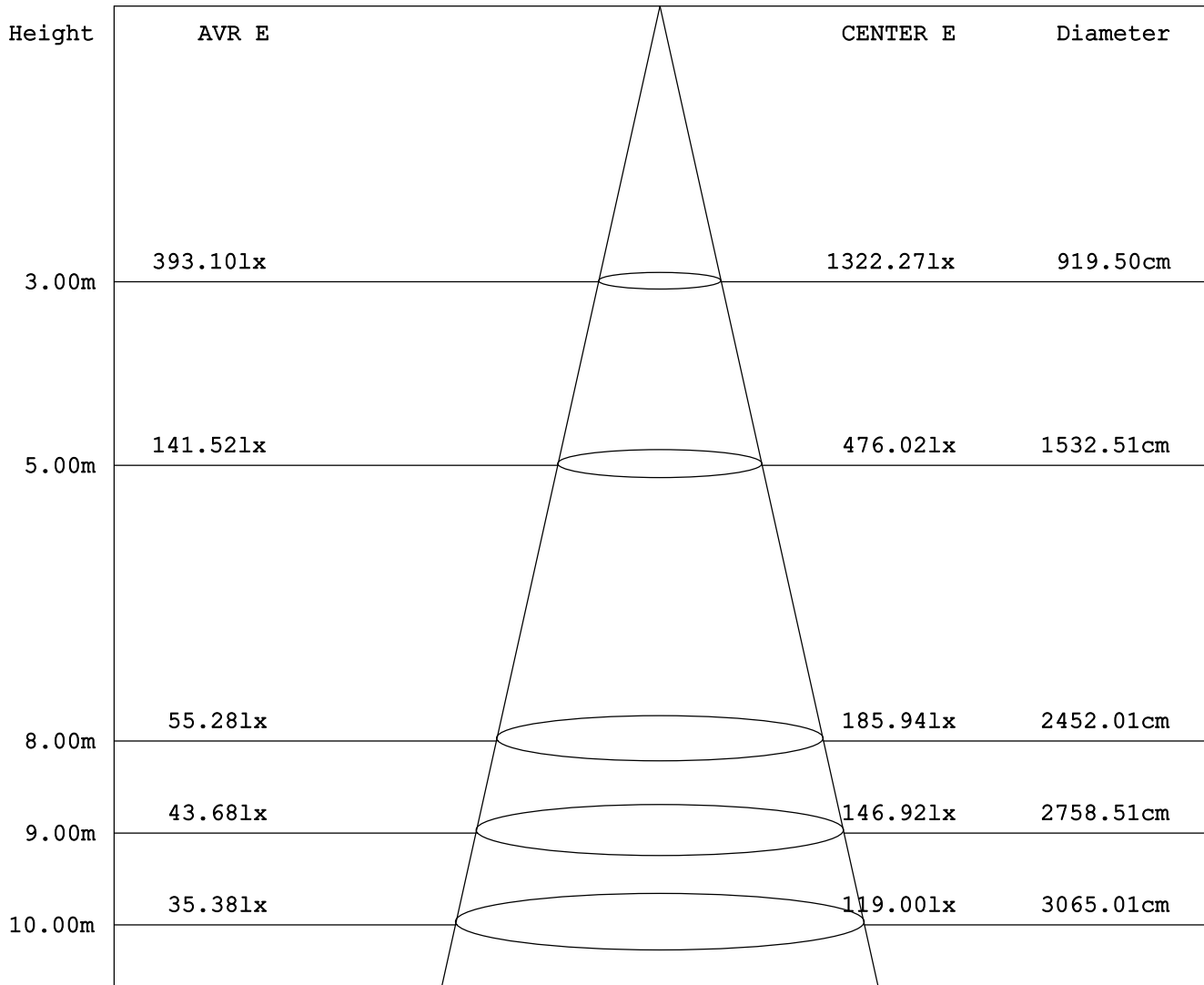
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2019.10.06

Test Set: 5.0deg/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-FD240-110N-HB	TYPE: 4000K/5000K	WEIGHT:
SPECIFICATION: LED3030	DIMENSION:	SERIAL No.:



Angle: 113.7deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019.10.06

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL		Address:	
NAME: FK-FD240-110N-HB		TYPE: 4000K/5000K	WEIGHT:
SPECIFICATION: LED3030		DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1188	1183	1177	1173	1187	1181	1177	1173	0- 5	282.4	282.4
10.0	1178	1172	1167	1161	1174	1169	1165	1163	5- 10	840.1	1123
15.0	1159	1154	1147	1141	1153	1149	1145	1144	10- 15	1375	2497
20.0	1131	1126	1119	1113	1122	1119	1115	1116	15- 20	1870	4368
25.0	1095	1089	1083	1075	1084	1081	1079	1078	20- 25	2311	6678
30.0	1049	1046	1037	1029	1035	1034	1032	1034	25- 30	2682	9361
35.0	994.1	990.6	981.3	972.7	977.1	976.5	975.1	979.3	30- 35	2972	12332
40.0	931.1	924.8	917.3	906.5	910.7	910.0	910.4	913.8	35- 40	3166	15498
45.0	855.7	851.3	841.6	831.5	832.3	834.0	833.6	840.4	40- 45	3251	18749
50.0	763.3	765.2	755.6	744.0	728.7	745.6	745.7	754.8	45- 50	3216	21965
55.0	654.6	667.0	648.1	645.9	614.8	645.6	635.1	656.7	50- 55	3039	25004
60.0	538.0	559.1	540.0	528.7	505.5	527.9	525.8	545.3	55- 60	2727	27731
65.0	425.8	419.9	413.5	392.5	387.4	388.8	398.1	407.6	60- 65	2278	30008
70.0	293.4	291.9	289.3	271.2	256.7	265.7	272.8	285.1	65- 70	1729	31738
75.0	161.1	168.0	160.7	146.4	137.9	142.1	146.8	154.8	70- 75	1136	32874
80.0	63.41	62.08	56.97	50.26	39.23	45.14	42.64	60.86	75- 80	539.3	33413
85.0	6.178	4.447	4.035	2.535	0.886	2.445	1.016	4.971	80- 85	130.6	33544
90.0	0.523	0.171	0.513	0.171	0.443	0.584	0.252	0.584	85- 90	6.662	33550
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	

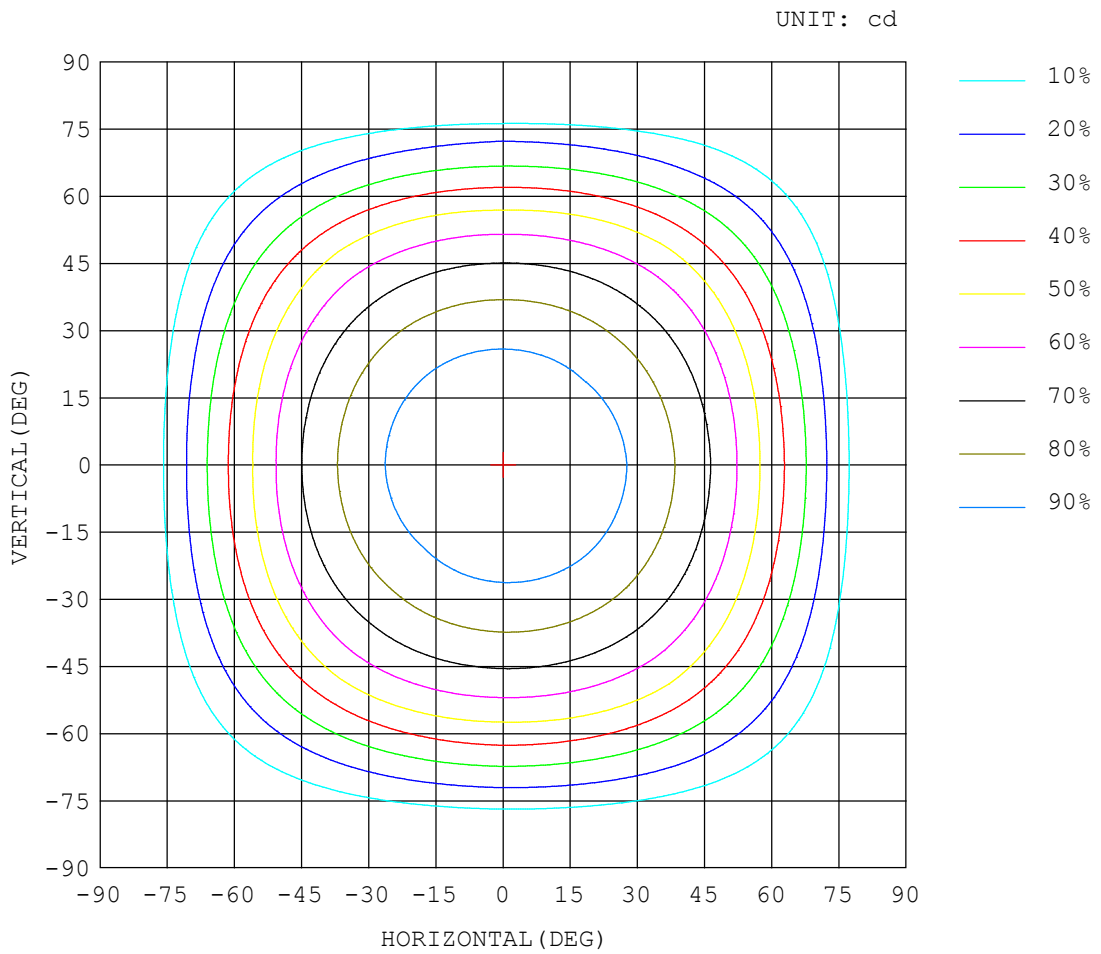
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2019.10.06

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FD240-110N-HB	TYPE: 4000K/5000K	WEIGHT:
SPECIFICATION: LED3030	DIMENSION:	SERIAL No.:



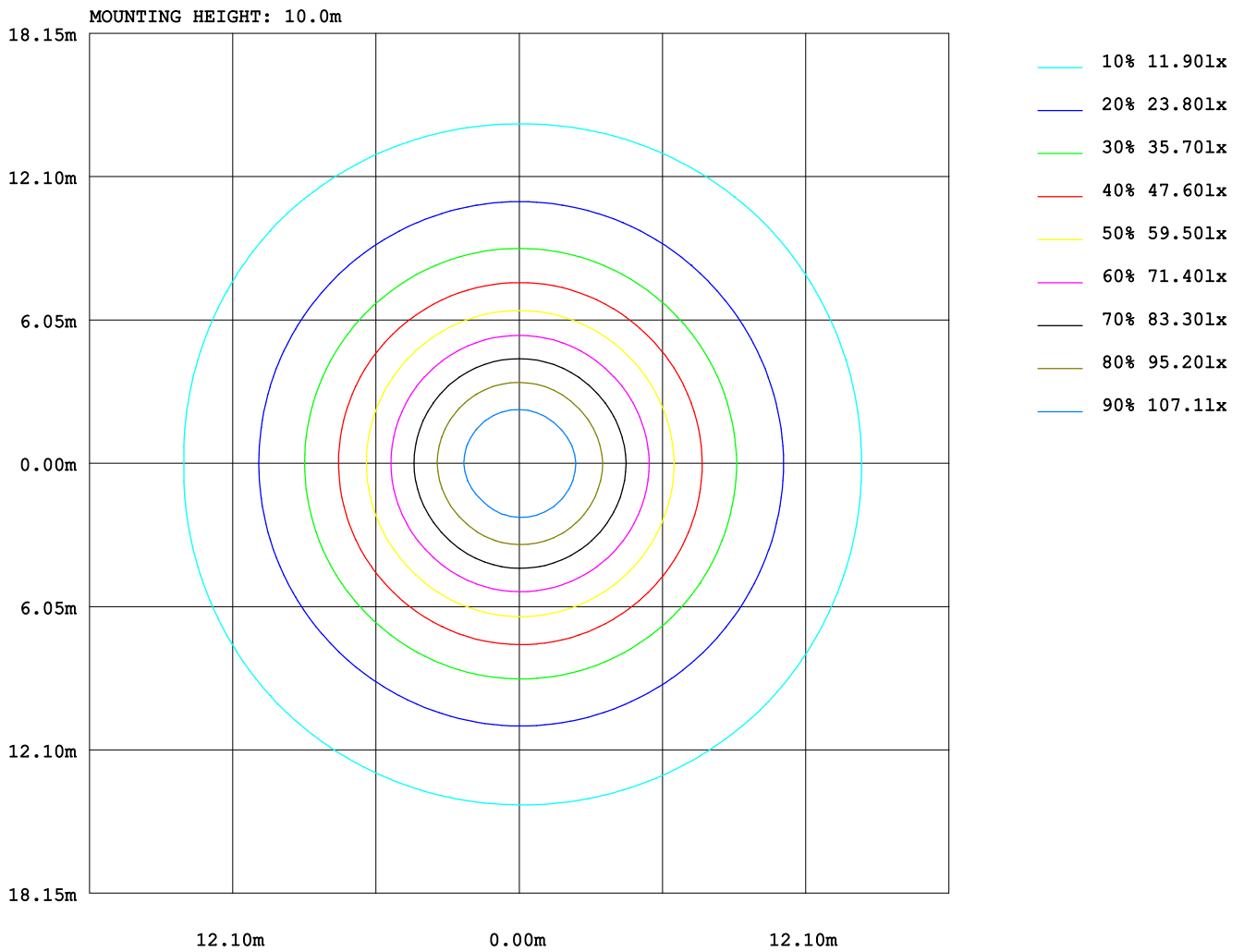
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2019.10.06

Test Set: 5.0 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-FD240-110N-HB	TYPE: 4000K/5000K	WEIGHT:
SPECIFICATION: LED3030	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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MANUFACTURER: LUCKY SSL		Address:	
NAME: FK-FD240-110N-HB		TYPE: 4000K/5000K	WEIGHT:
SPECIFICATION: LED3030		DIMENSION:	SERIAL No.:

UNIT: ×10cd

γ (DEG)	C (DEG)							
	0	45	90	135	180	225	270	315
0.0	1190	1185	1180	1176	1190	1185	1180	1176
5.0	1188	1183	1177	1173	1187	1181	1177	1173
10.0	1178	1172	1167	1161	1174	1169	1165	1163
15.0	1159	1154	1147	1141	1153	1149	1145	1144
20.0	1131	1126	1119	1113	1122	1119	1115	1116
25.0	1095	1089	1083	1075	1084	1081	1079	1078
30.0	1049	1046	1037	1029	1035	1034	1032	1034
35.0	994	991	981	973	977	977	975	979
40.0	931	925	917	907	911	910	910	914
45.0	856	851	842	832	832	834	834	840
50.0	763	765	756	744	729	746	746	755
55.0	655	667	648	646	615	646	635	657
60.0	538	559	540	529	506	528	526	545
65.0	426	420	414	393	387	389	398	408
70.0	293	292	289	271	257	266	273	285
75.0	161	168	161	146	138	142	147	155
80.0	63.4	62.0	56.9	50.2	39.2	45.1	42.6	60.8
85.0	6.17	4.44	4.03	2.53	0.89	2.44	1.01	4.97
90.0	0.52	0.17	0.51	0.17	0.44	0.58	0.25	0.58

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