

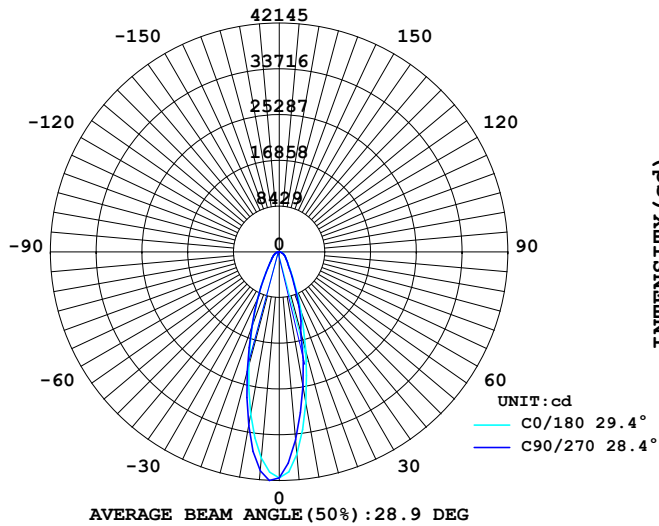
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

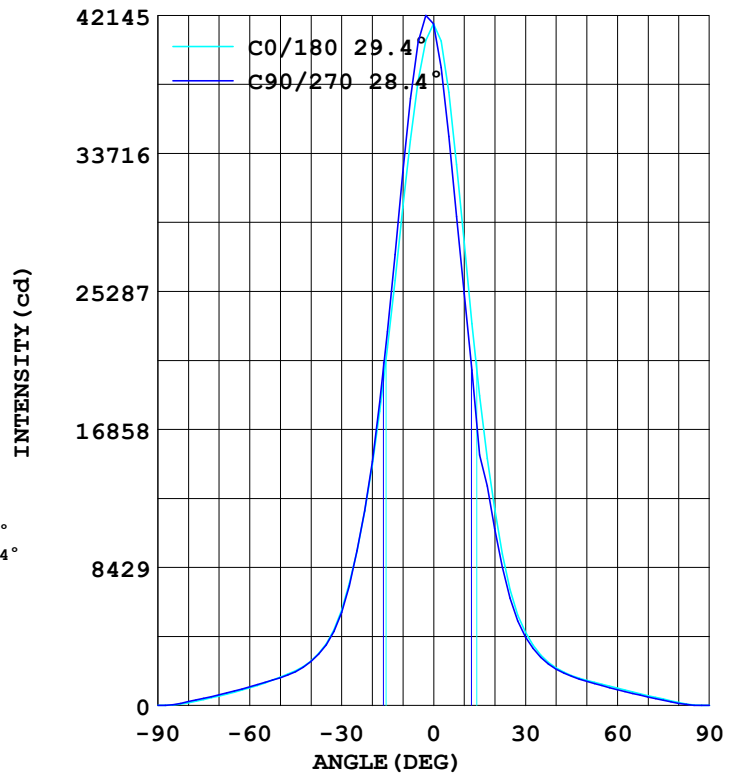
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL150-S47N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 30deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	42145	S/MH (C0/180)	0.51
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.53
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	19159	Voltage(V)	231.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.8	Current(A)	0.675
NOMINAL FLUX(lm)	19159.3	$\eta$ up (%)	0.0	Power(W)	152.3
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.977
TEST VOLTAGE (V)	231.4	Effective Flux(lm)	19159.3	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



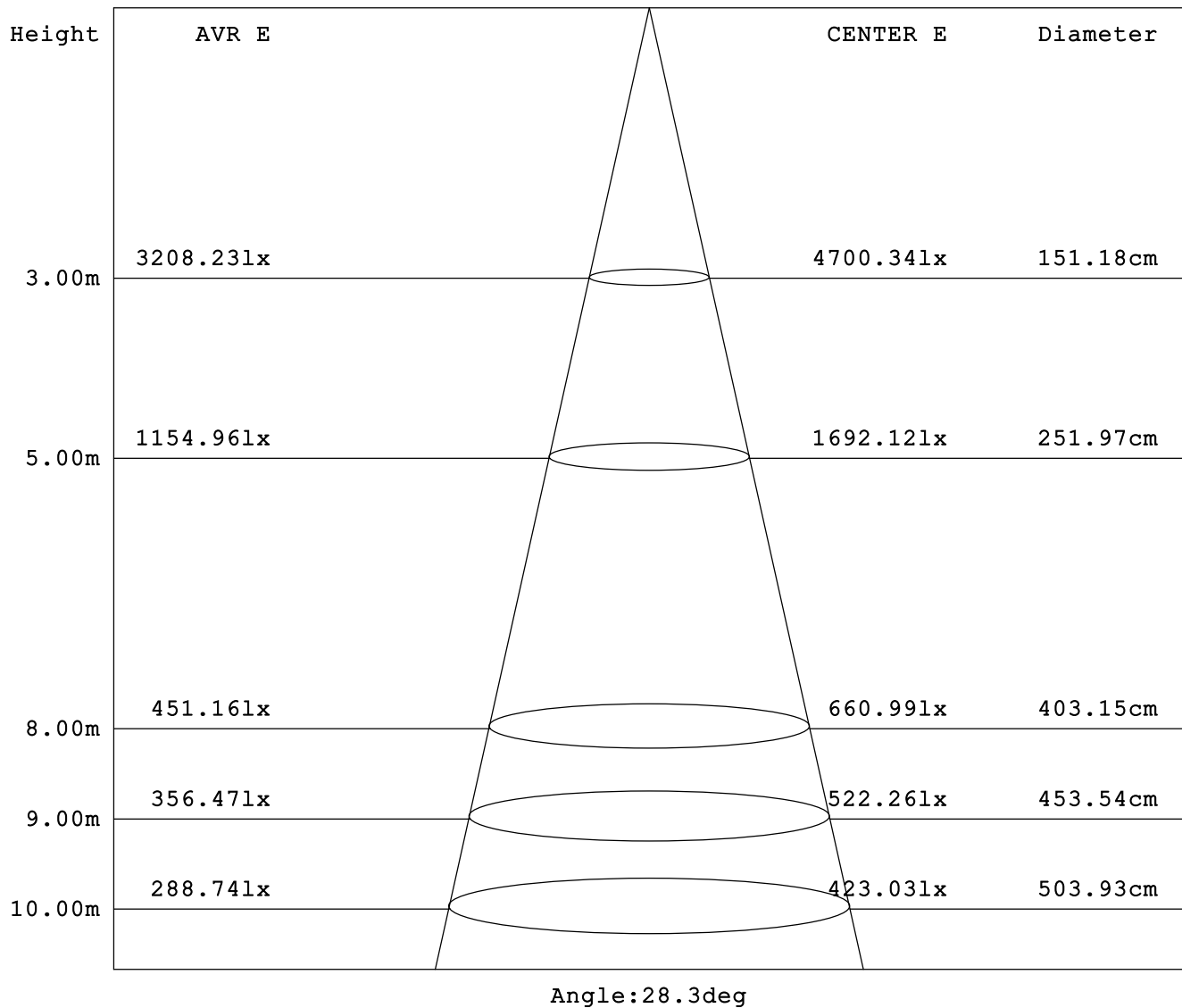
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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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Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL150-S47N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 30deg	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	Zone	total
5.0	3815	3988	4052	3959	3745	3557	3474	3583	0- 5	947.7	947.7
10.0	3038	3234	3254	3092	2827	2599	2515	2700	5- 10	2372	3319
15.0	2185	2317	2283	2190	1891	1714	1530	1848	10- 15	2875	6194
20.0	1470	1536	1490	1382	1203	1129	1081	1246	15- 20	2688	8882
25.0	941.5	1023	945.0	884.5	709.2	707.8	654.9	809.0	20- 25	2229	11110
30.0	581.8	658.1	567.0	554.7	447.8	447.8	418.5	514.2	25- 30	1704	12815
35.0	376.3	421.8	371.0	364.0	308.1	307.1	295.0	345.7	30- 35	1276	14090
40.0	271.5	297.7	268.0	264.3	228.9	229.6	221.2	253.7	35- 40	1003	15094
45.0	211.8	227.9	206.2	209.2	182.5	184.8	178.3	200.9	40- 45	842.2	15936
50.0	173.6	183.6	169.7	170.2	153.0	152.9	147.3	159.6	45- 50	738.2	16674
55.0	138.5	147.6	141.5	141.4	130.0	126.8	121.9	130.9	50- 55	650.8	17325
60.0	108.4	116.9	115.0	115.8	106.3	101.7	97.06	101.9	55- 60	562.1	17887
65.0	81.41	88.42	89.11	90.01	83.37	77.49	73.70	76.14	60- 65	463.1	18351
70.0	57.98	62.97	65.33	65.18	60.45	53.27	52.35	51.89	65- 70	355.9	18707
75.0	36.56	39.86	43.74	41.65	39.38	32.07	33.12	30.74	70- 75	248.0	18955
80.0	16.54	19.70	24.46	23.11	17.77	11.75	12.88	11.93	75- 80	144.2	19099
85.0	3.290	5.394	5.703	5.881	2.879	1.661	1.740	1.561	80- 85	52.26	19151
90.0	0.402	0.406	0.319	0.415	0.304	0.293	0.401	0.299	85- 90	8.265	19159
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:  
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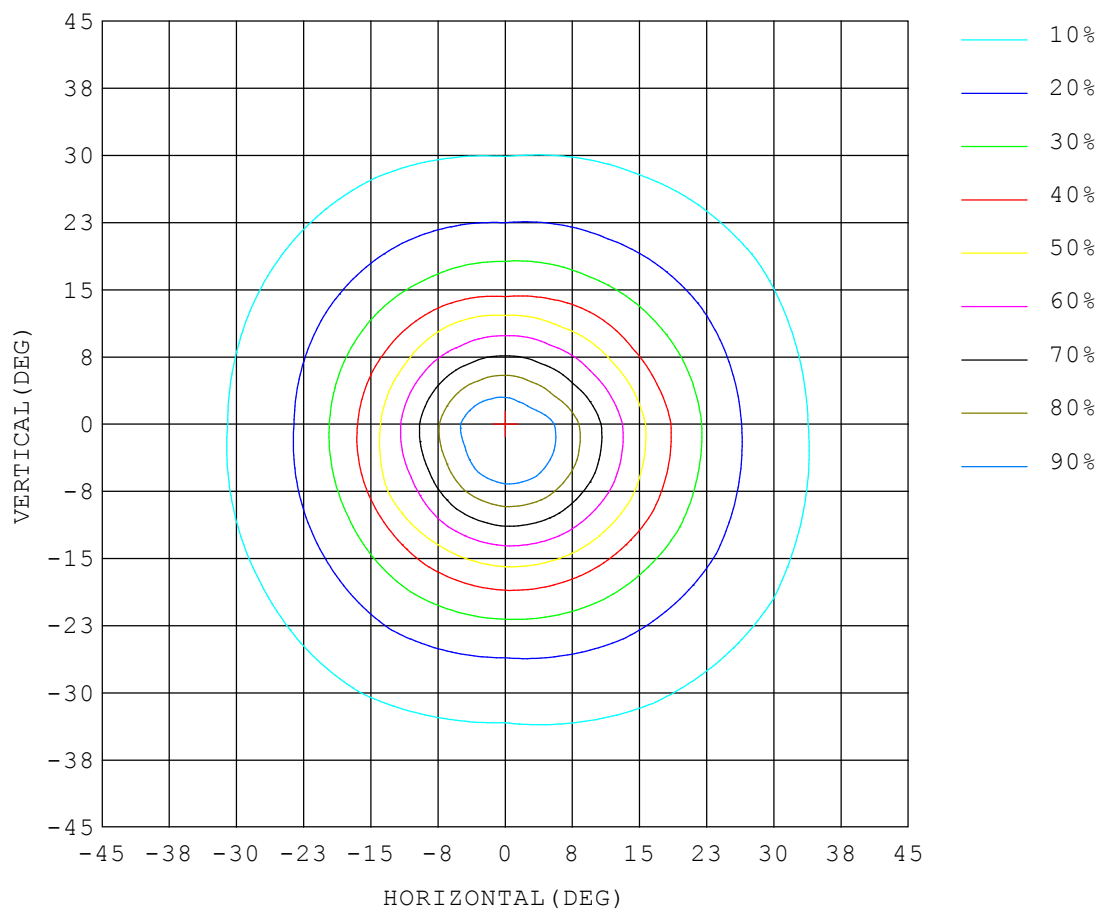
Test Set: 6.0deg/s C-Gamma (TYPE C)  
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 Remarks:

# ISOCANDELA DIAGRAM

Report number:

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NAME: FK-FL150-S47N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 30deg	SERIAL No.:

UNIT: cd



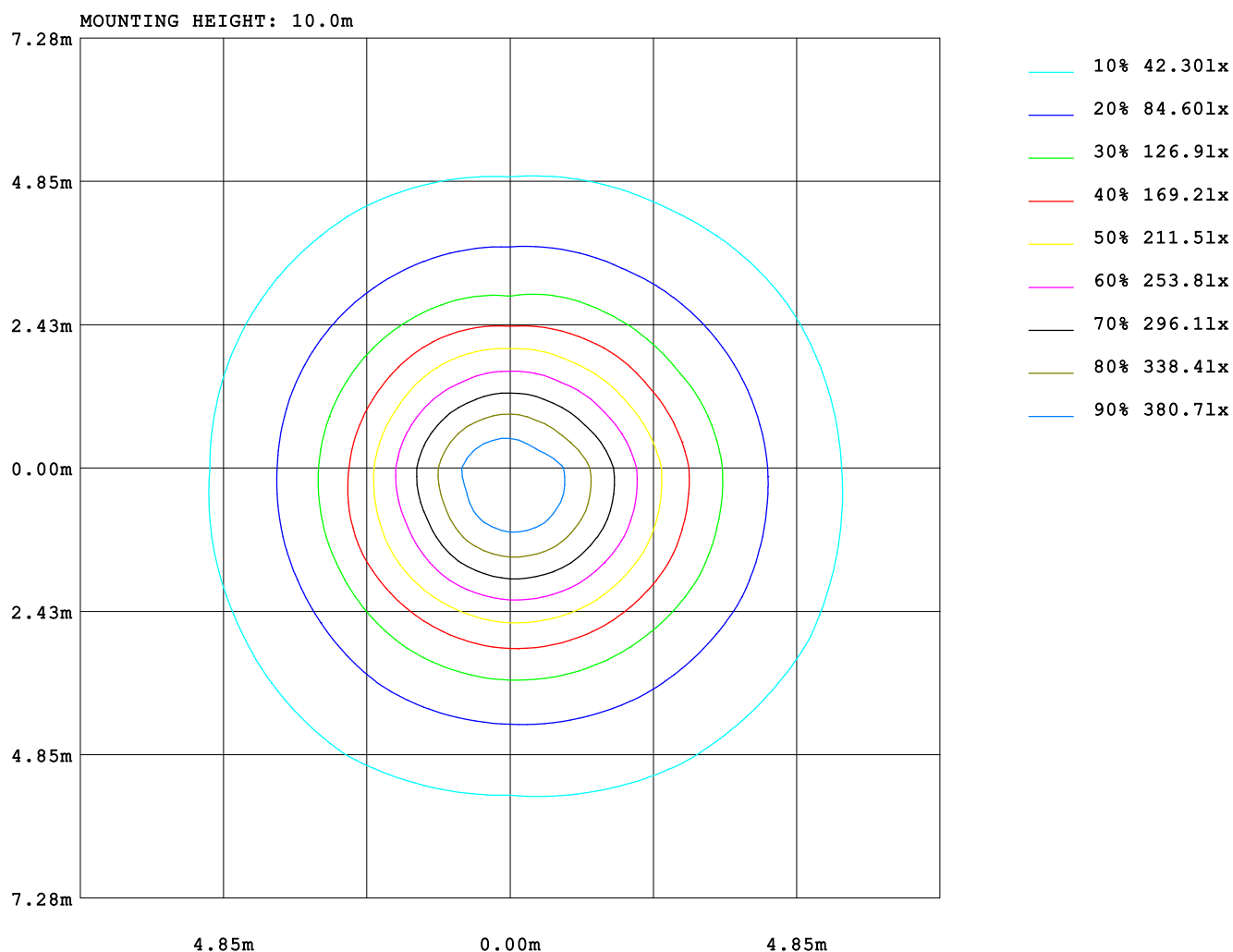
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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

# ISOLUX DIAGRAM

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



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 Operators:  
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL150-S47N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
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	4162	4162	4162	4162	4162	4162	4162	4162	4162	4162	4162	4162
5.0	3815	3938	4038	4052	4023	3896	3745	3615	3498	3474	3513	3654
10.0	3038	3195	3273	3254	3185	2999	2827	2665	2533	2515	2591	2810
15.0	2185	2307	2327	2283	2208	2171	1891	1758	1670	1530	1748	1948
20.0	1470	1548	1524	1490	1442	1322	1203	1151	1107	1081	1167	1326
25.0	942	1033	1013	945	938	831	709	712	704	655	741	878
30.0	582	664	652	567	595	515	448	447	449	419	473	556
35.0	376	426	418	371	382	346	308	308	306	295	323	368
40.0	272	300	296	268	274	254	229	230	229	221	241	267
45.0	212	229	227	206	213	206	183	185	184	178	192	210
50.0	174	184	184	170	175	166	153	154	152	147	157	163
55.0	139	147	149	142	144	139	130	129	125	122	127	135
60.0	108	115	119	115	118	114	106	104	99.7	97.0	98.9	105
65.0	81.4	86.7	90.1	89.1	91.2	88.7	83.3	79.5	75.4	73.7	73.6	78.6
70.0	57.9	61.4	64.5	65.3	66.3	64.0	60.4	55.3	51.1	52.3	49.9	53.8
75.0	36.5	38.4	41.2	43.7	42.7	40.5	39.3	34.1	29.9	33.1	29.3	32.1
80.0	16.5	18.7	20.6	24.4	21.8	24.3	17.7	12.0	11.4	12.8	11.2	12.6
85.0	3.29	4.49	6.29	5.70	6.82	4.93	2.87	2.03	1.28	1.74	1.27	1.84
90.0	0.40	0.22	0.59	0.32	0.61	0.22	0.30	0.40	0.18	0.40	0.18	0.42

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