

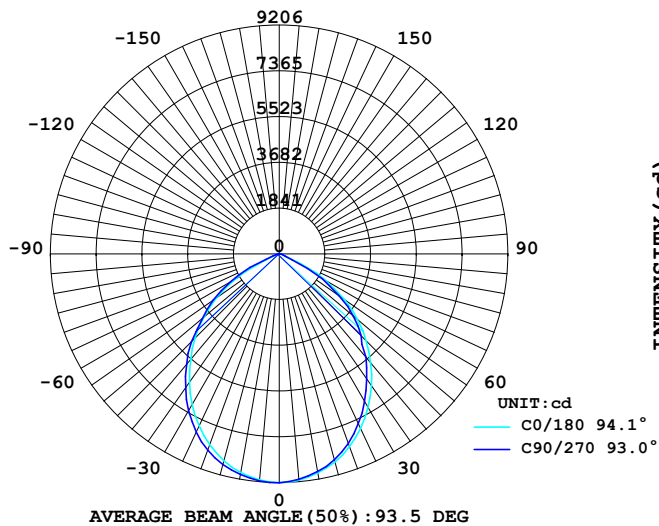
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

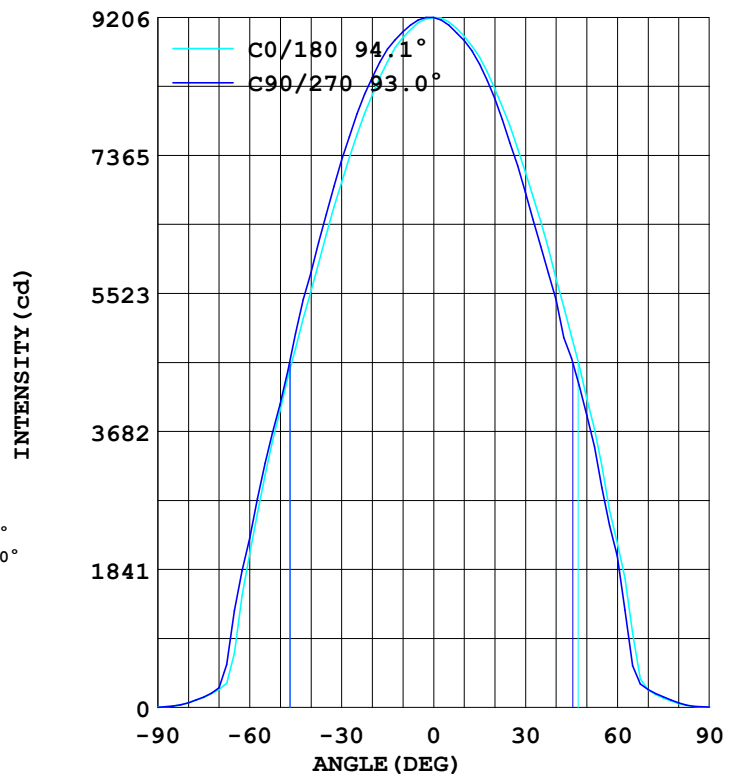
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL150-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	9206	S/MH (C0/180)	1.15
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.19
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	18941	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.6	Current(A)	0.674
NOMINAL FLUX(lm)	18940.5	η up (%)	0.0	Power(W)	150.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	229.7	Effective Flux(lm)	18940.5	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



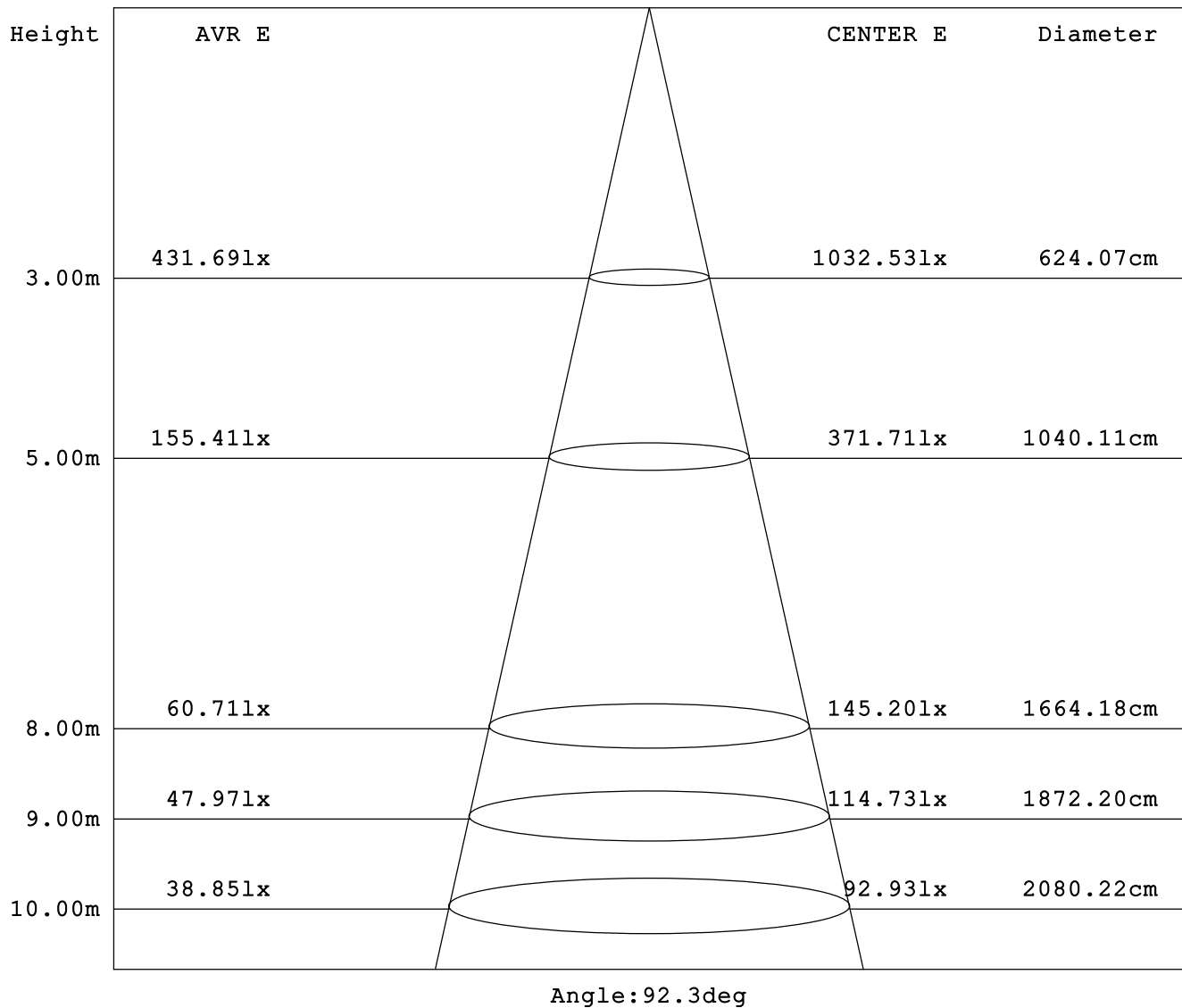
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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NAME: FK-FL150-S49N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	9136	9152	9168	9157	9145	9123	9102	9116	0- 5	219.2	219.2
10.0	8936	8977	9013	8997	8952	8905	8896	8899	5- 10	646.7	866.0
15.0	8612	8713	8780	8738	8674	8606	8580	8591	10- 15	1045	1911
20.0	8172	8313	8407	8360	8256	8156	8127	8141	15- 20	1393	3303
25.0	7642	7802	7916	7872	7754	7623	7528	7594	20- 25	1674	4977
30.0	7006	7193	7305	7285	7142	6988	6870	6929	25- 30	1874	6851
35.0	6307	6504	6577	6605	6483	6281	6150	6199	30- 35	1985	8836
40.0	5547	5705	5798	5826	5716	5534	5440	5430	35- 40	2006	10843
45.0	4790	4895	4990	4986	4951	4767	4662	4659	40- 45	1935	12778
50.0	3964	4143	4050	4270	4117	4002	3896	3899	45- 50	1800	14578
55.0	3103	3293	3259	3410	3220	3136	2930	3044	50- 55	1577	16155
60.0	2056	2430	2260	2498	2199	2166	2021	2116	55- 60	1257	17412
65.0	722.0	1557	1294	1616	992.0	1354	555.3	1263	60- 65	852.6	18265
70.0	239.5	786.1	263.2	816.2	235.5	527.2	241.8	400.8	65- 70	430.2	18695
75.0	136.3	215.3	140.4	225.9	126.3	145.4	141.7	142.9	70- 75	155.9	18851
80.0	63.29	85.72	63.75	88.59	54.33	55.92	60.45	54.23	75- 80	60.15	18911
85.0	20.10	30.08	18.13	31.05	14.12	16.68	15.93	16.00	80- 85	22.70	18934
90.0	7.334	6.289	4.121	6.900	5.976	6.289	7.419	6.348	85- 90	6.868	18941
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	

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

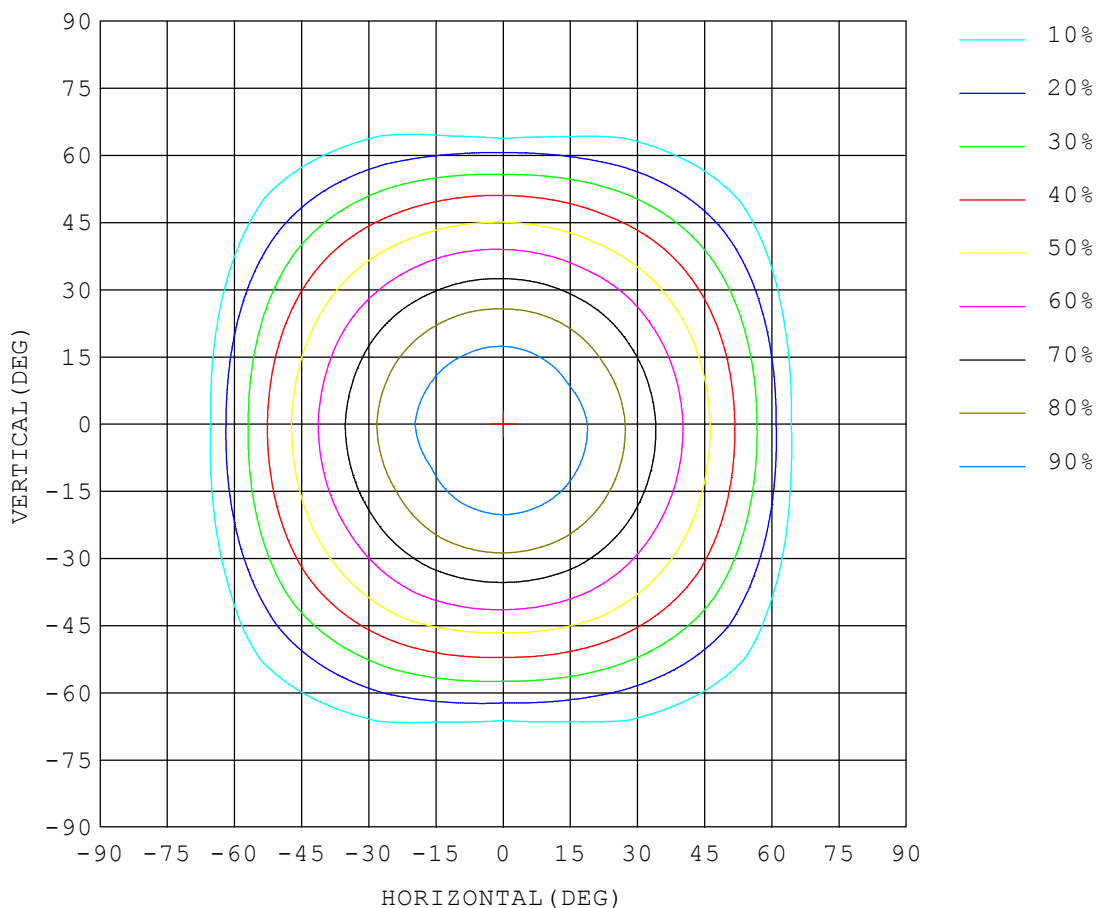
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 Remarks:

ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

UNIT: cd



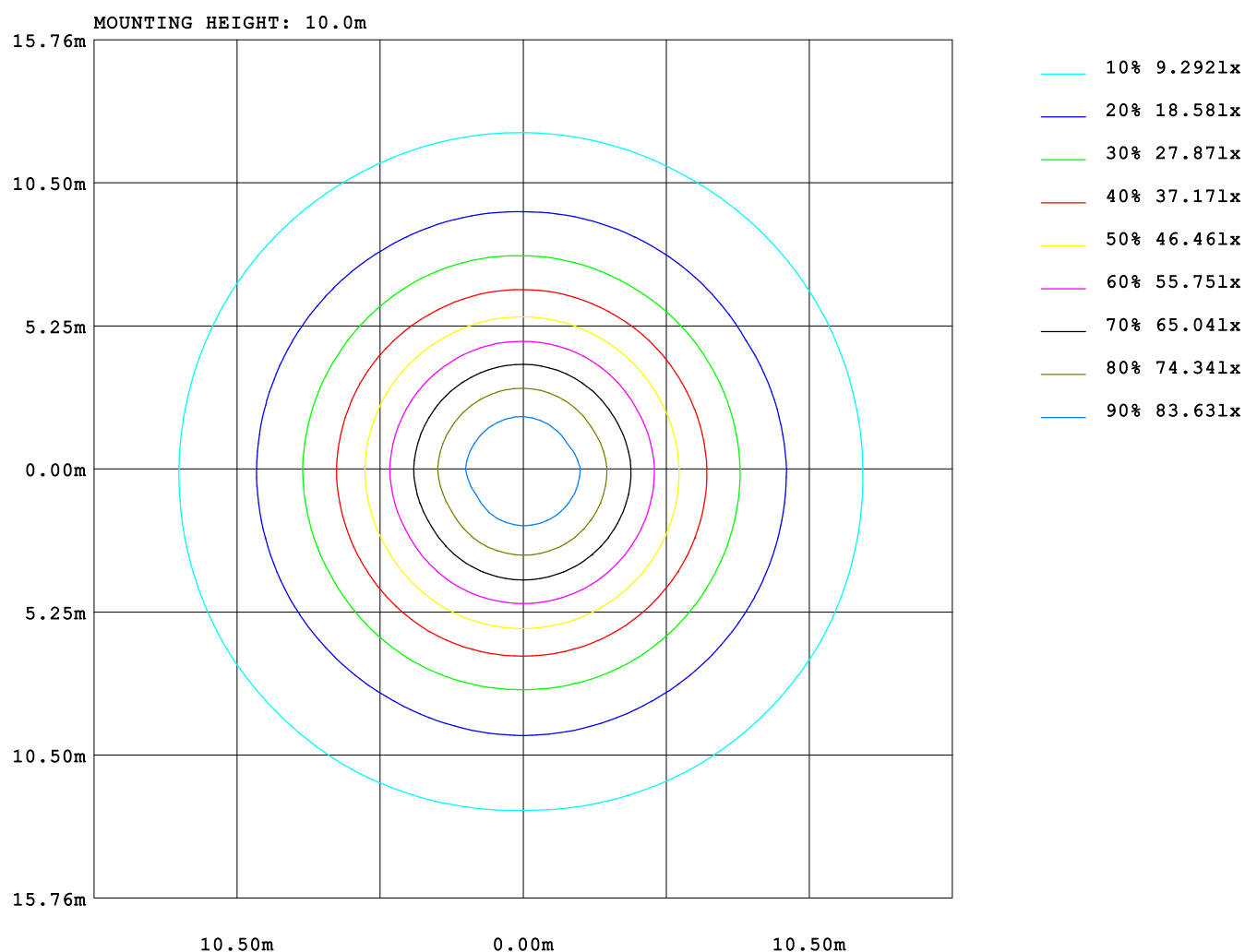
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 Temperature: 25.3 DEG
 Operators:
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	9206	9206	9206	9206	9206	9206	9206	9206	9206	9206	9206	9206
5.0	9136	9147	9156	9168	9169	9144	9145	9130	9115	9102	9106	9125
10.0	8936	8963	8992	9013	9020	8974	8952	8918	8893	8896	8893	8906
15.0	8612	8683	8742	8780	8766	8710	8674	8624	8588	8580	8581	8601
20.0	8172	8275	8352	8407	8396	8323	8256	8187	8126	8127	8126	8156
25.0	7642	7741	7865	7916	7920	7823	7754	7663	7583	7528	7581	7606
30.0	7006	7137	7248	7305	7318	7251	7142	7052	6924	6870	6886	6972
35.0	6307	6445	6563	6577	6634	6577	6483	6357	6204	6150	6163	6236
40.0	5547	5626	5784	5798	5871	5782	5716	5614	5454	5440	5384	5476
45.0	4790	4883	4907	4990	4920	5052	4951	4833	4702	4662	4608	4709
50.0	3964	4109	4176	4050	4271	4270	4117	4060	3943	3896	3855	3943
55.0	3103	3278	3309	3259	3398	3421	3220	3195	3076	2930	3016	3073
60.0	2056	2434	2425	2260	2504	2492	2199	2216	2115	2021	2054	2179
65.0	722	1552	1561	1294	1613	1619	992	1375	1334	555	1259	1268
70.0	240	773	799	263	824	808	236	551	503	242	449	352
75.0	136	197	234	140	247	205	126	149	142	142	139	147
80.0	63.2	81.3	90.1	63.7	92.9	84.2	54.3	54.5	57.2	60.4	55.1	53.3
85.0	20.1	25.6	34.5	18.1	35.2	26.8	14.1	19.3	13.9	15.9	13.5	18.5
90.0	7.33	3.27	9.31	4.12	9.92	3.86	5.97	8.46	4.10	7.41	4.13	8.56

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