

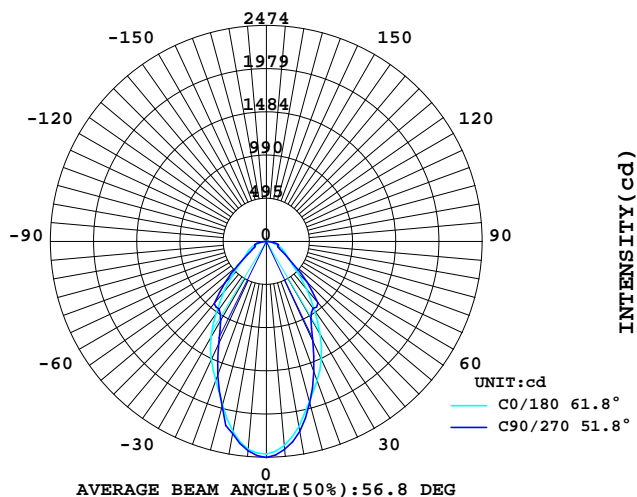
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

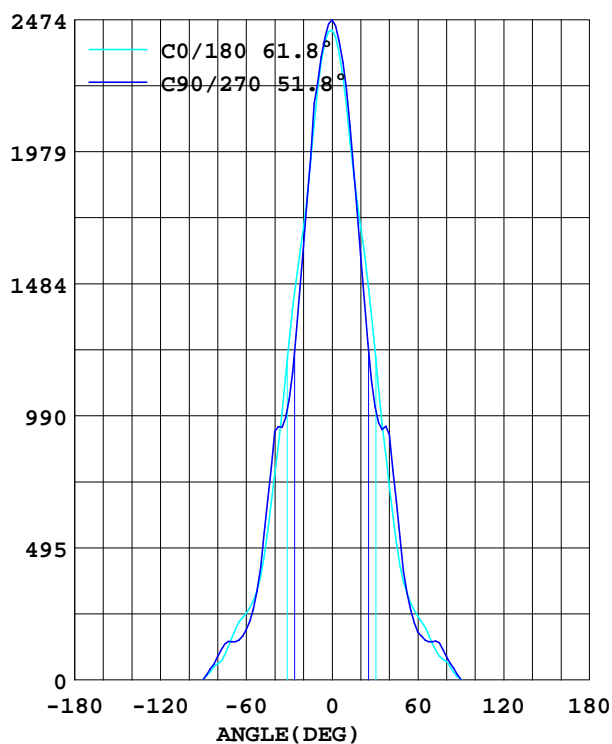
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-CL1230-NW36-RS	TYPE:4000K	WEIGHT:
SPECIFICATION:Epistar LED	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	2474	S/MH(C0/180)	0.86
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.79
NOMINAL POWER(W)	36	TOTAL FLUX(lm)	3006.9	Voltage(V)	231.8
RATED VOLTAGE(V)	232	EFFICIENCY(lm/W)	86.6	Current(A)	0.154
NOMINAL FLUX(lm)	3006.9	h up(%)	0.0	Power(W)	34.74
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.972
TEST VOLTAGE(V)	231.8	Effective Flux(lm)	0.0	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



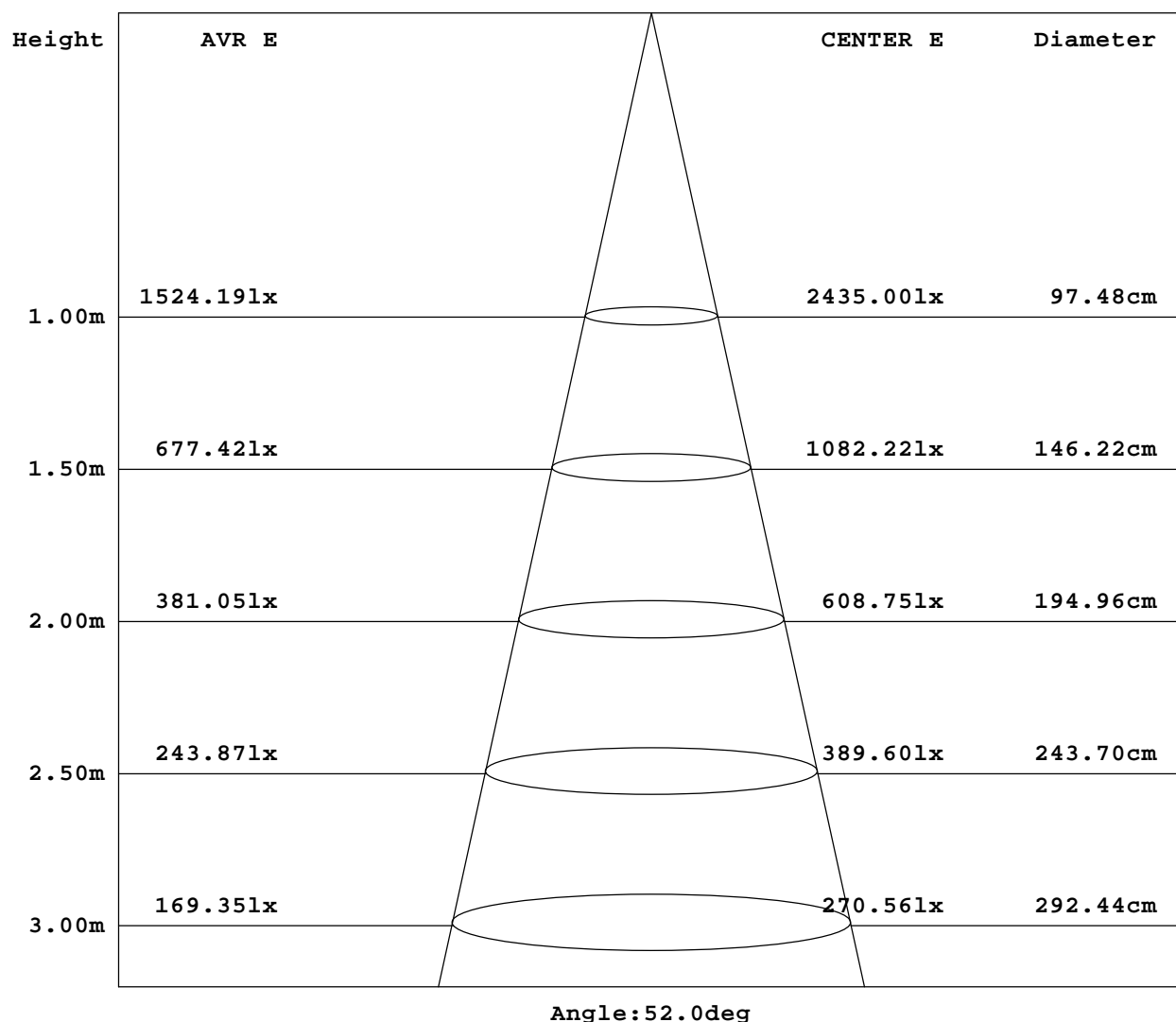
Test System:HOPPO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019.10.25

Test Set: 5.0deg/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:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-CL1230-NW36-RS	TYPE:4000K	WEIGHT:
SPECIFICATION:Epistar LED	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	#one	t5tal
5.0	2391	2382	2407	2390	2350	2340	2393	2396	0- 5	57.73	57.73
10.0	2211	2207	2237	2192	2154	2138	2211	2207	5- 10	163.4	221.1
15.0	1943	1948	1955	1934	1904	1886	1920	1941	10- 15	244.0	465.2
20.0	1698	1667	1630	1646	1699	1607	1593	1651	15- 20	293.7	758.9
25.0	1498	1375	1298	1363	1489	1334	1261	1359	20- 25	315.0	1074
30.0	1271	1117	1051	1104	1238	1089	1025	1101	25- 30	312.8	1387
35.0	1005	919.6	947.2	902.9	960.5	892.1	938.7	907.0	30- 35	299.0	1686
40.0	769.2	775.5	931.2	742.2	726.1	736.2	919.2	773.7	35- 40	284.8	1971
45.0	557.1	583.0	674.7	531.5	515.2	526.2	667.0	583.4	40- 45	250.9	2222
50.0	389.1	404.5	421.8	370.3	367.6	362.7	406.3	400.0	45- 50	192.3	2414
55.0	296.5	298.2	266.1	281.0	287.3	277.8	260.4	289.7	50- 55	144.0	2558
60.0	250.6	221.1	188.3	221.7	238.8	220.0	179.3	217.9	55- 60	115.0	2673
65.0	218.0	174.9	148.8	179.3	197.5	177.2	148.6	173.0	60- 65	95.42	2769
70.0	158.3	144.8	143.1	150.1	137.0	145.1	143.8	141.6	65- 70	81.36	2850
75.0	95.00	113.1	135.3	108.5	89.40	104.3	140.0	108.8	70- 75	67.41	2917
80.0	60.39	72.80	87.09	72.00	69.09	68.50	86.09	69.10	75- 80	48.33	2966
85.0	30.79	42.80	42.09	39.70	27.90	36.94	44.10	39.25	80- 85	30.36	2996
90.0	4.100	4.400	2.800	2.700	3.000	2.400	3.100	3.600	85- 90	10.85	3007
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	

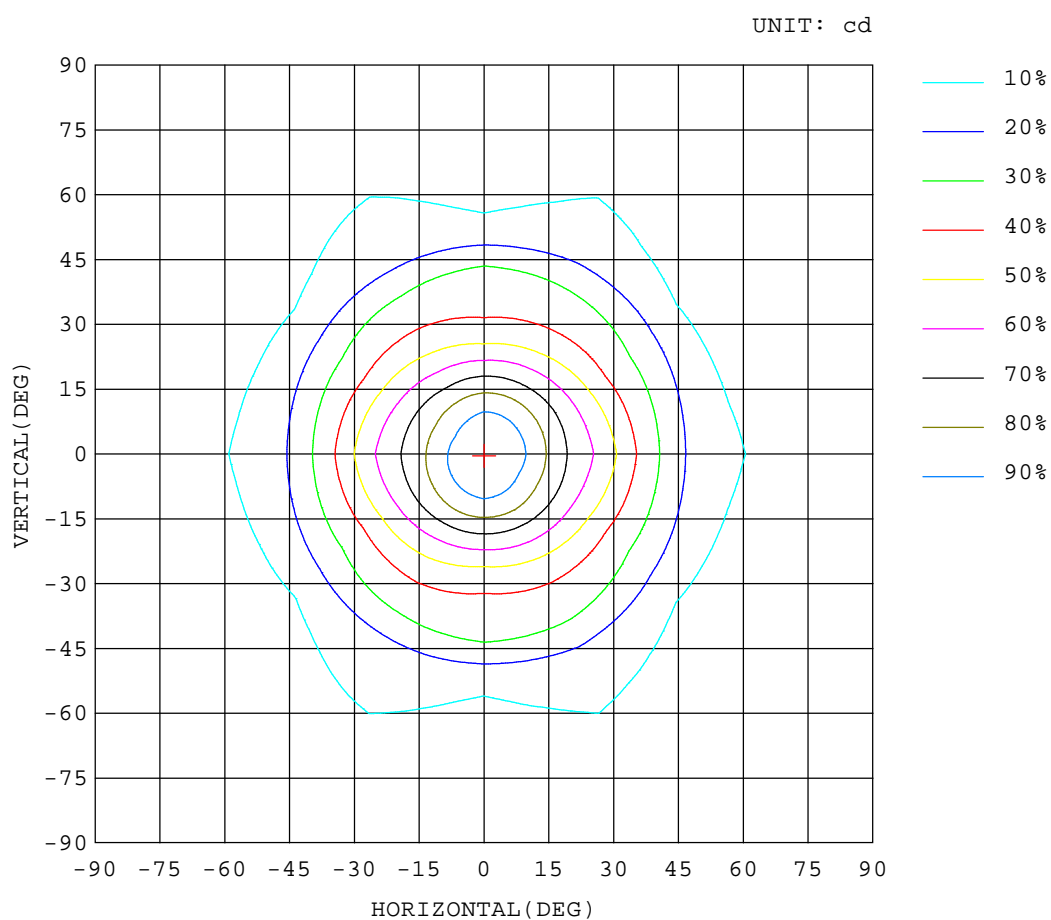
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ISOCANDELA DIAGRAM

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SPECIFICATION:Epistar LED	DIMENSION:	SERIAL No.:



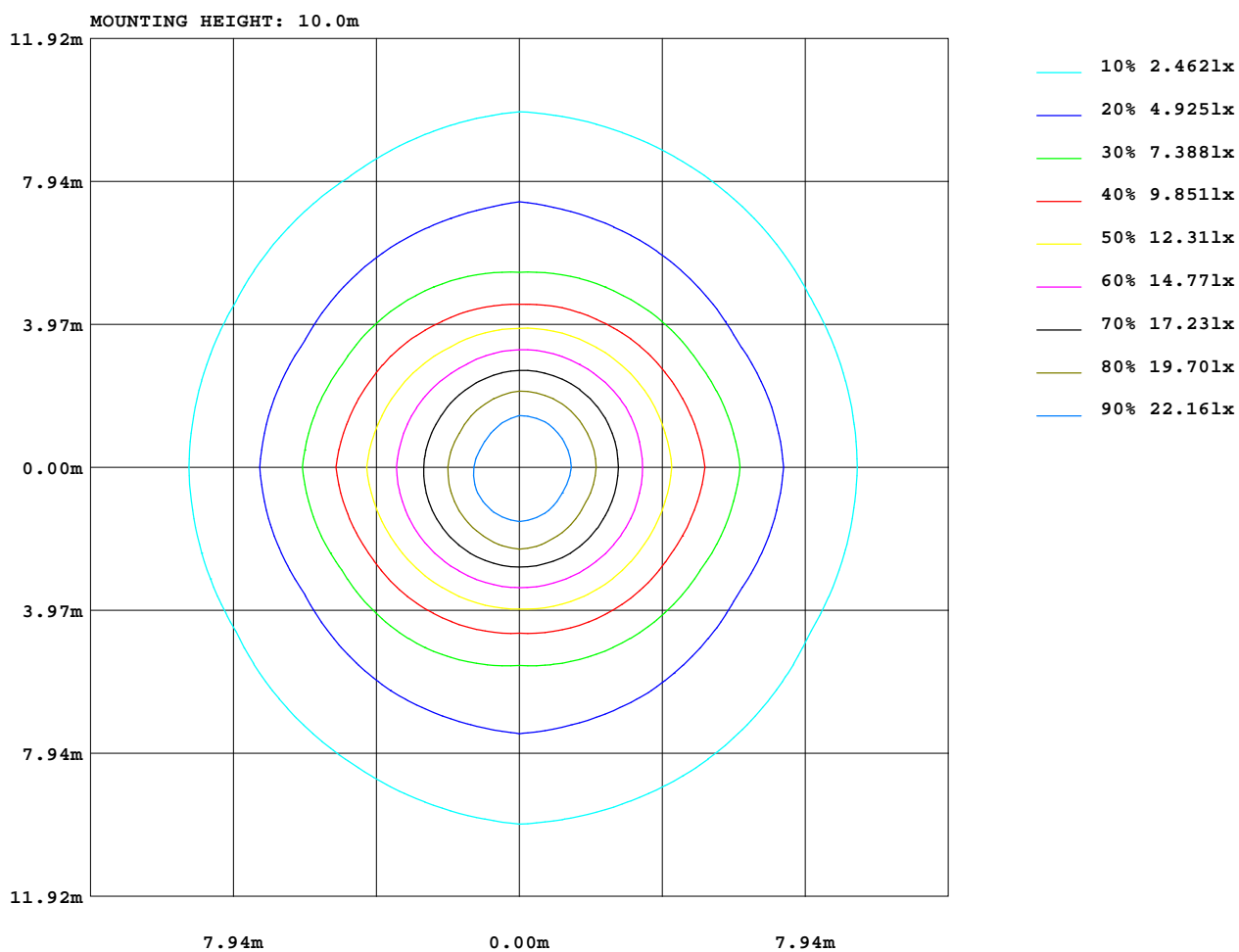
Test System:HOP00 HPG1800
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 Operators:
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:Epistar LED	DIMENSION:	SERIAL No.:

UNIT: cd

C(DEG) g (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2435	2419	2446	2474	2471	2458	2435	2419	2446	2474	2471	2458
5.0	2391	2370	2394	2407	2401	2380	2350	2327	2354	2393	2399	2393
10.0	2211	2193	2222	2237	2209	2174	2154	2120	2155	2211	2210	2204
15.0	1943	1936	1961	1955	1947	1922	1904	1882	1890	1920	1936	1945
20.0	1698	1675	1659	1630	1631	1660	1699	1637	1576	1593	1624	1678
25.0	1498	1398	1351	1298	1340	1386	1489	1375	1294	1261	1315	1402
30.0	1271	1139	1094	1051	1099	1110	1238	1107	1071	1025	1069	1134
35.0	1005	898	941	947	933	872	961	872	913	939	922	892
40.0	769	729	822	931	788	697	726	704	769	919	811	737
45.0	557	547	620	675	561	503	515	504	549	667	605	562
50.0	389	350	459	422	426	315	368	318	408	406	443	357
55.0	297	224	372	266	355	207	287	208	347	260	354	226
60.0	251	153	289	188	294	150	239	152	288	179	279	157
65.0	218	118	232	149	229	130	198	132	223	149	228	118
70.0	158	116	174	143	169	131	137	133	157	144	168	115
75.0	95.0	111	116	135	112	105	89.4	107	102	140	104	113
80.0	60.3	67.7	77.8	87.0	82.0	62.0	69.0	59.7	77.2	86.0	70.8	67.4
85.0	30.7	35.2	50.4	42.0	49.2	30.1	27.9	34.0	39.7	44.1	40.7	37.7
90.0	4.10	3.70	5.10	2.80	3.80	1.60	3.00	3.10	1.70	3.10	2.00	5.20

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