

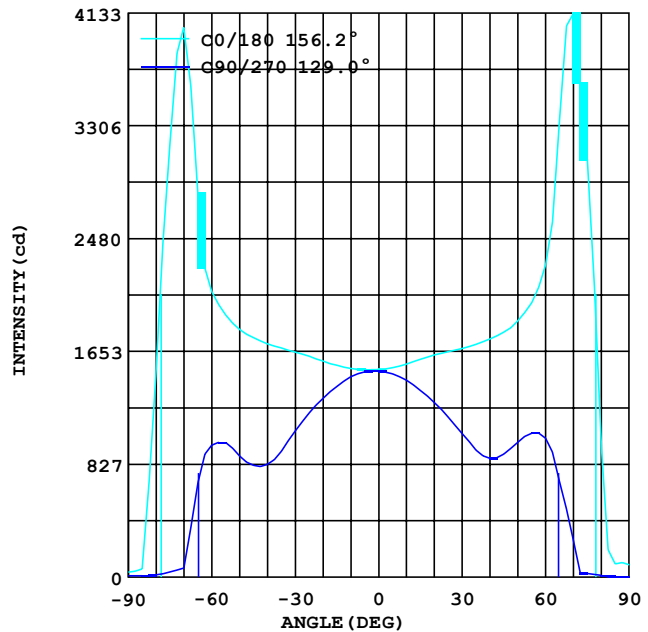
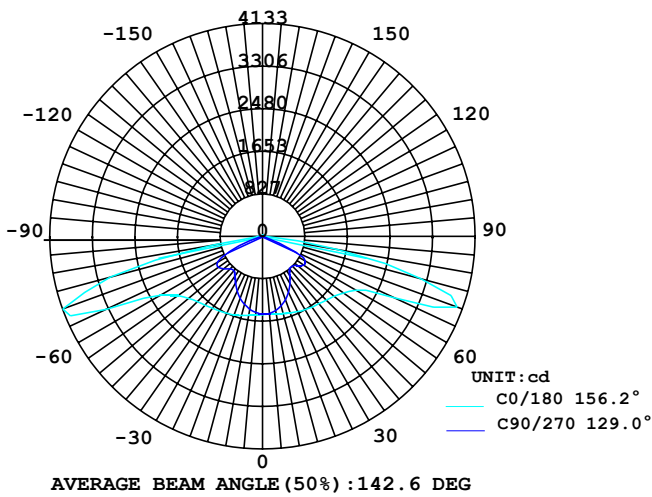
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Adhesion Lighting (Guangdong) Co., Ltd			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT(K): 5000	DIMENSION:	SERIAL No.:

MODEL:	COB 4040	I _{max} (cd):	4133	Effective Flux (lm):	6862.1
NOMINAL POWER (W):	50	MAXIMUM (C, γ):	180, 70.0	EEL	0.099
RATED VOLTAGE (V):	29	EFFICIENCY (%):	100.0	Voltage (V)	28.54
NOMINAL FLUX (lm):	7099.9	η street_up (%):	0.7	Current (A)	1.751
TEST FLUX (lm):	7100	η street_down (%):	48.7	Power (W)	50.01
LAMPS QUANTITY:	1	η house_up (%):	0.8	Power Factor	1.000
TOTAL RADIANT (mw):	7100	η house_down (%):	49.7	EFFICIENCY (lm/W)	142.0

LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG O

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%

Color Temperature Data List

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT (K): 5000	DIMENSION:	SERIAL No.: WN-001

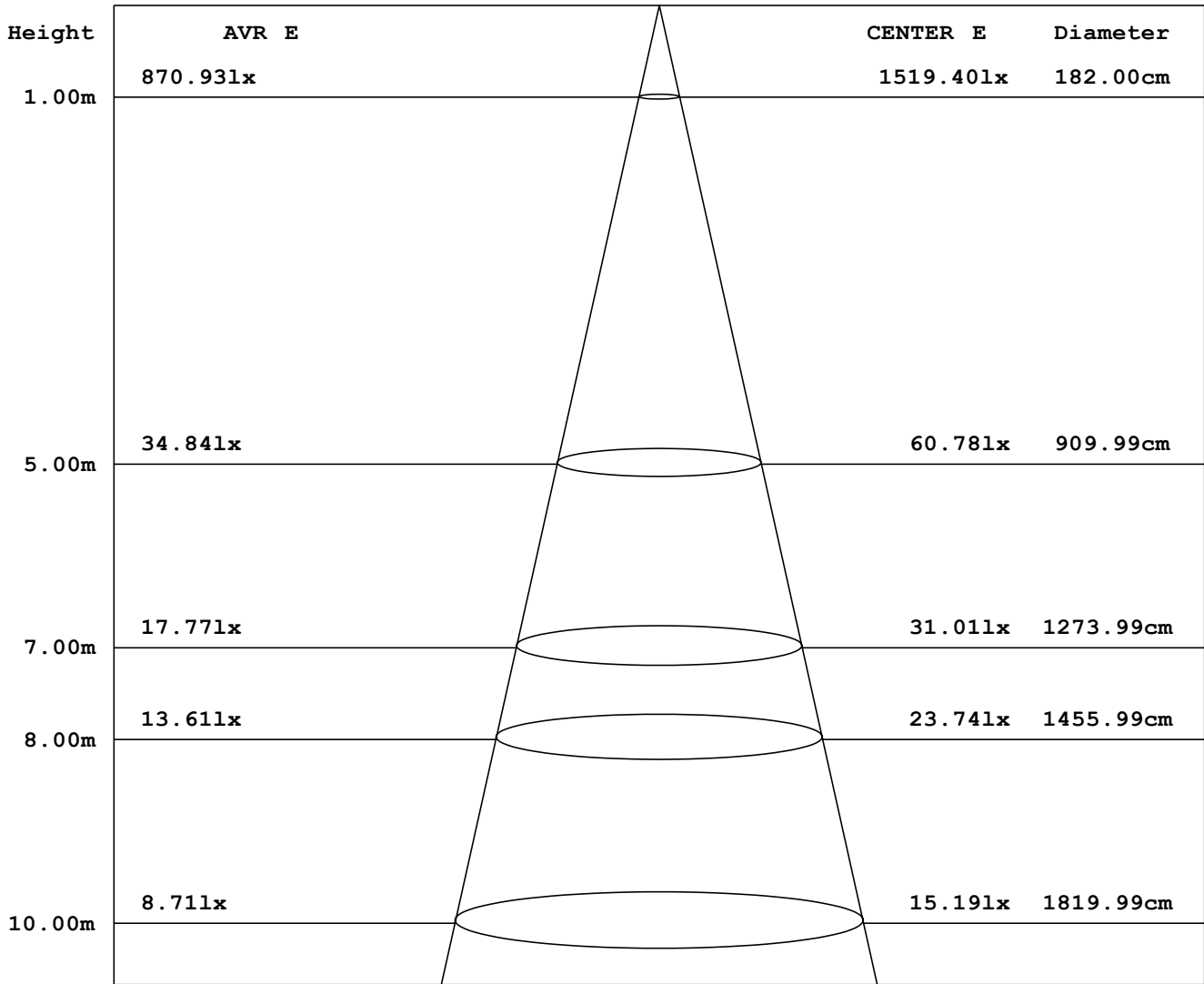
Test System:HOPOO HPG1800
Temperature:25.3DEG O

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT (K): 5000	DIMENSION:	SERIAL No.: WN-001



Angle: 84.6deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG O

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT(K): 5000	DIMENSION:	SERIAL No.: WN-001

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1518	1511	1504	1514	1535	1515	1490	1494	0- 5	36.12	36.12
10.0	1529	1508	1468	1507	1561	1512	1443	1469	5- 10	107.6	143.8
15.0	1553	1494	1400	1484	1595	1503	1369	1433	10- 15	176.6	320.4
20.0	1583	1470	1310	1448	1627	1489	1279	1391	15- 20	241.3	561.8
25.0	1618	1445	1204	1404	1652	1473	1173	1350	20- 25	300.4	862.2
30.0	1650	1422	1070	1348	1676	1452	1053	1301	25- 30	352.4	1215
35.0	1680	1396	922.7	1291	1706	1431	932.6	1255	30- 35	397.2	1612
40.0	1711	1371	826.0	1242	1745	1425	870.8	1216	35- 40	437.6	2050
45.0	1755	1354	818.5	1198	1794	1438	902.0	1189	40- 45	481.8	2532
50.0	1817	1350	888.5	1179	1880	1492	987.5	1181	45- 50	534.9	3066
55.0	1922	1379	984.7	1189	2011	1663	1053	1247	50- 55	602.8	3669
60.0	2092	1602	966.0	1383	2292	2065	1018	1394	55- 60	698.5	4368
65.0	2809	1938	691.8	1210	3355	1884	702.5	1360	60- 65	818.3	5186
70.0	4026	1146	66.90	340.0	4133	582.6	267.3	480.0	65- 70	813.5	6000
75.0	3181	381.7	39.70	28.00	3060	53.29	27.59	34.70	70- 75	573.3	6573
80.0	1478	31.09	18.00	23.00	948.9	38.90	12.70	29.49	75- 80	315.7	6889
85.0	60.79	30.40	11.30	17.80	97.59	35.90	6.900	25.20	80- 85	84.18	6973
90.0	35.79	24.69	9.400	13.79	89.50	26.30	4.400	18.79	85- 90	17.75	6991
95.0	26.49	14.90	8.800	11.10	41.90	18.19	4.900	15.80	90- 95	12.25	7003
100.0	25.50	12.60	9.200	9.700	20.20	16.59	5.800	14.30	95-100	8.492	7012
105.0	24.69	13.09	9.800	10.80	19.40	16.90	6.800	14.90	100-105	7.654	7019
110.0	24.10	14.10	10.50	11.70	19.50	17.00	7.800	15.40	105-110	7.728	7027
115.0	23.60	14.80	11.30	12.30	19.90	17.40	8.800	15.80	110-115	7.715	7035
120.0	23.50	15.70	12.10	13.00	20.50	17.50	9.800	16.59	115-120	7.675	7042
125.0	23.80	16.40	12.80	13.30	21.29	17.40	10.80	17.20	120-125	7.556	7050
130.0	24.60	16.90	13.50	13.79	22.50	18.40	11.70	17.60	125-130	7.383	7057
135.0	26.10	17.60	14.50	15.09	23.70	19.40	13.00	18.29	130-135	7.238	7064
140.0	27.00	18.29	15.70	16.10	23.90	20.00	14.40	19.00	135-140	6.991	7071
145.0	26.60	18.90	16.90	16.90	22.70	20.10	15.60	19.50	140-145	6.508	7078
150.0	24.60	19.10	17.80	17.60	20.90	19.79	16.50	19.69	145-150	5.774	7084
155.0	22.60	19.00	18.40	17.70	19.79	19.30	17.00	19.60	150-155	4.895	7089
160.0	21.40	18.70	18.70	17.60	19.60	19.10	17.40	19.30	155-160	3.996	7093
165.0	21.10	18.70	19.00	17.70	19.60	19.10	17.80	19.20	160-165	3.128	7096
170.0	21.00	18.70	19.30	17.90	19.69	19.30	18.29	19.30	165-170	2.265	7098
175.0	21.00	18.79	19.50	18.09	20.00	19.50	18.60	19.30	170-175	1.378	7099
180.0	20.80	18.90	19.40	18.40	20.60	19.50	18.90	19.20	175-180	0.464	7100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG O

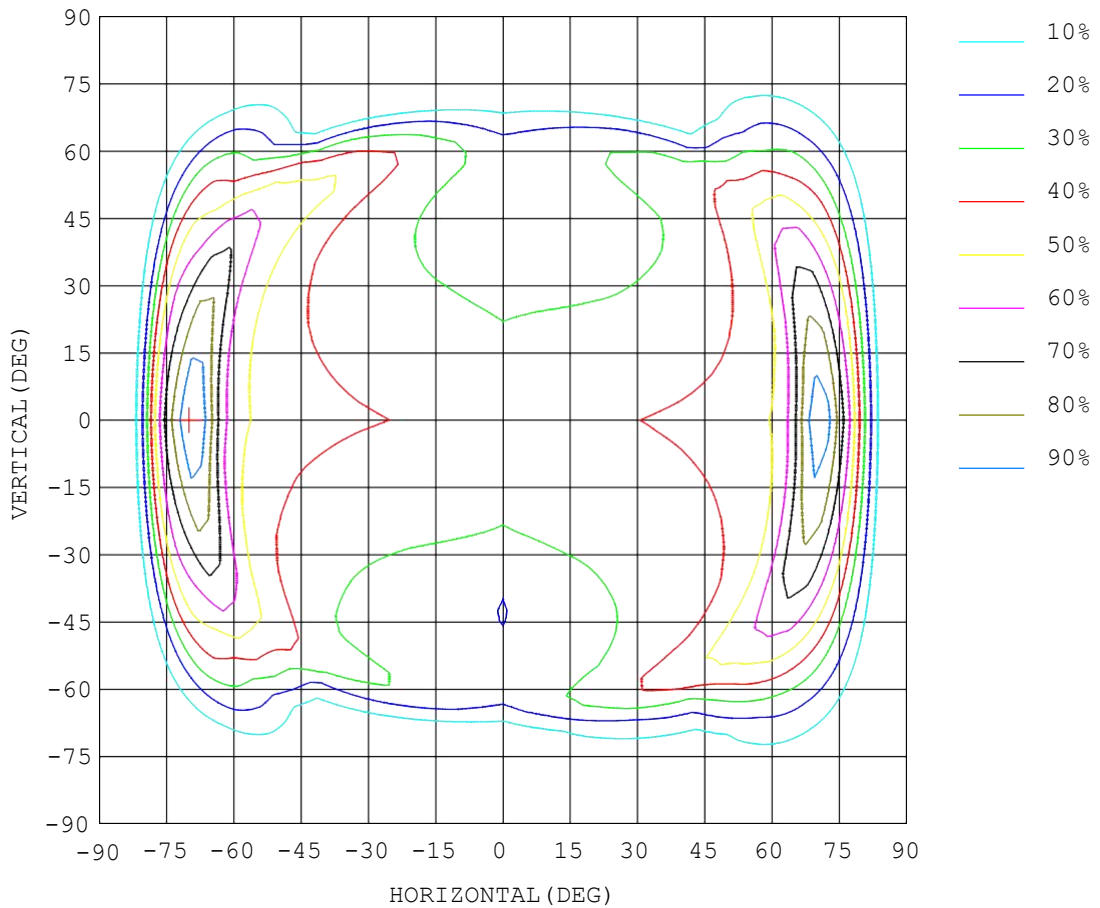
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT (K): 5000	DIMENSION:	SERIAL No.: WN-001

UNIT: cd



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG C

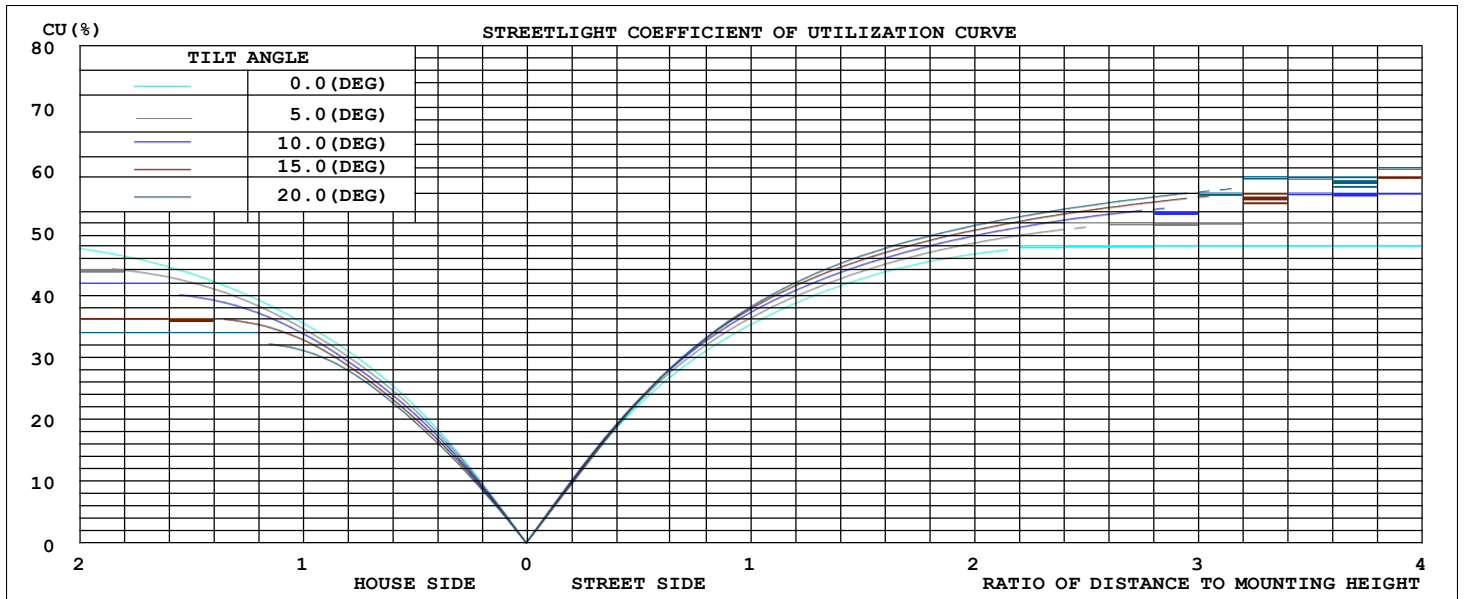
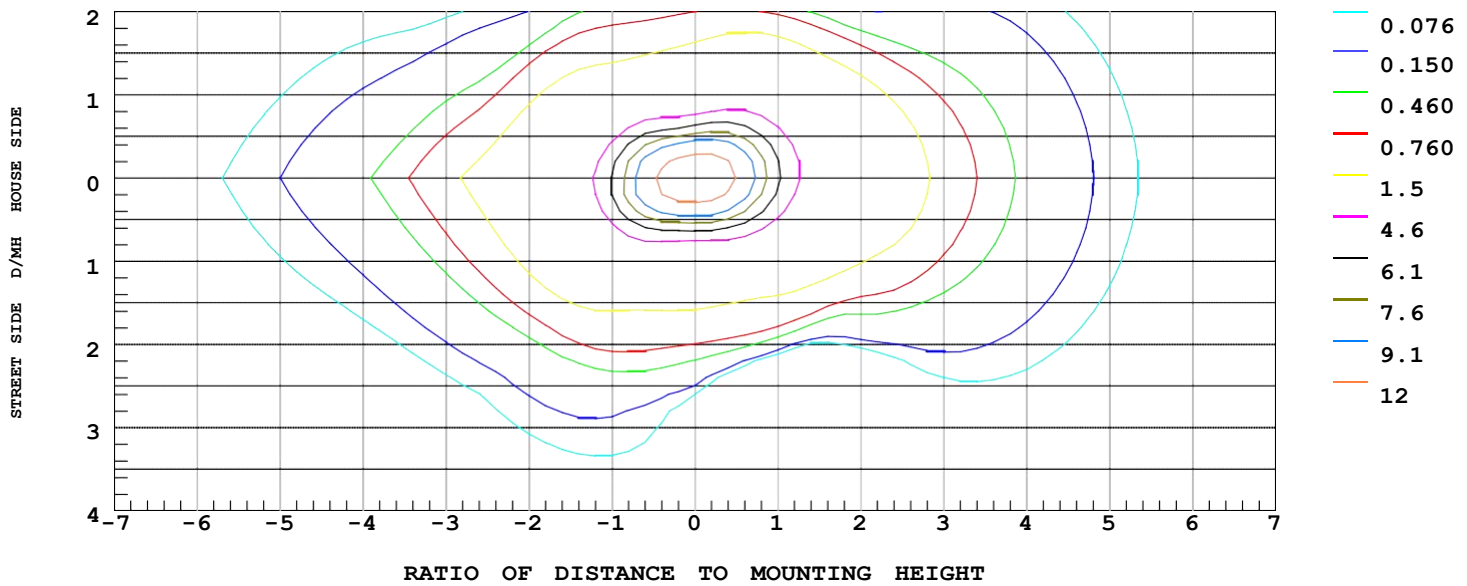
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT(K): 5000	DIMENSION:	SERIAL No.: WN-001

ILLUMINANCE AT MH=10 m, Enadir = 15.19 lx



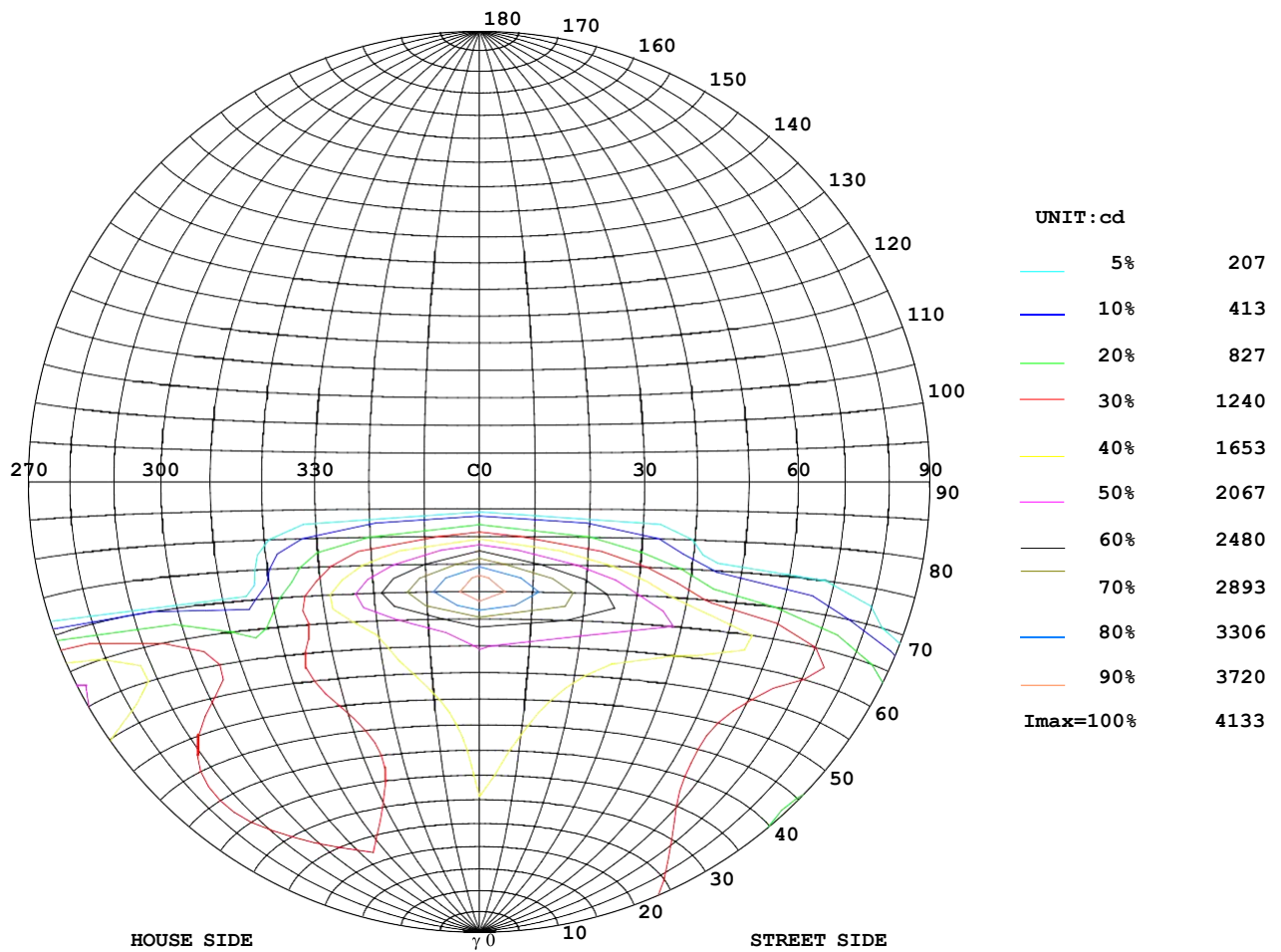
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG O

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT (K): 5000	DIMENSION:	SERIAL No.: WN-001



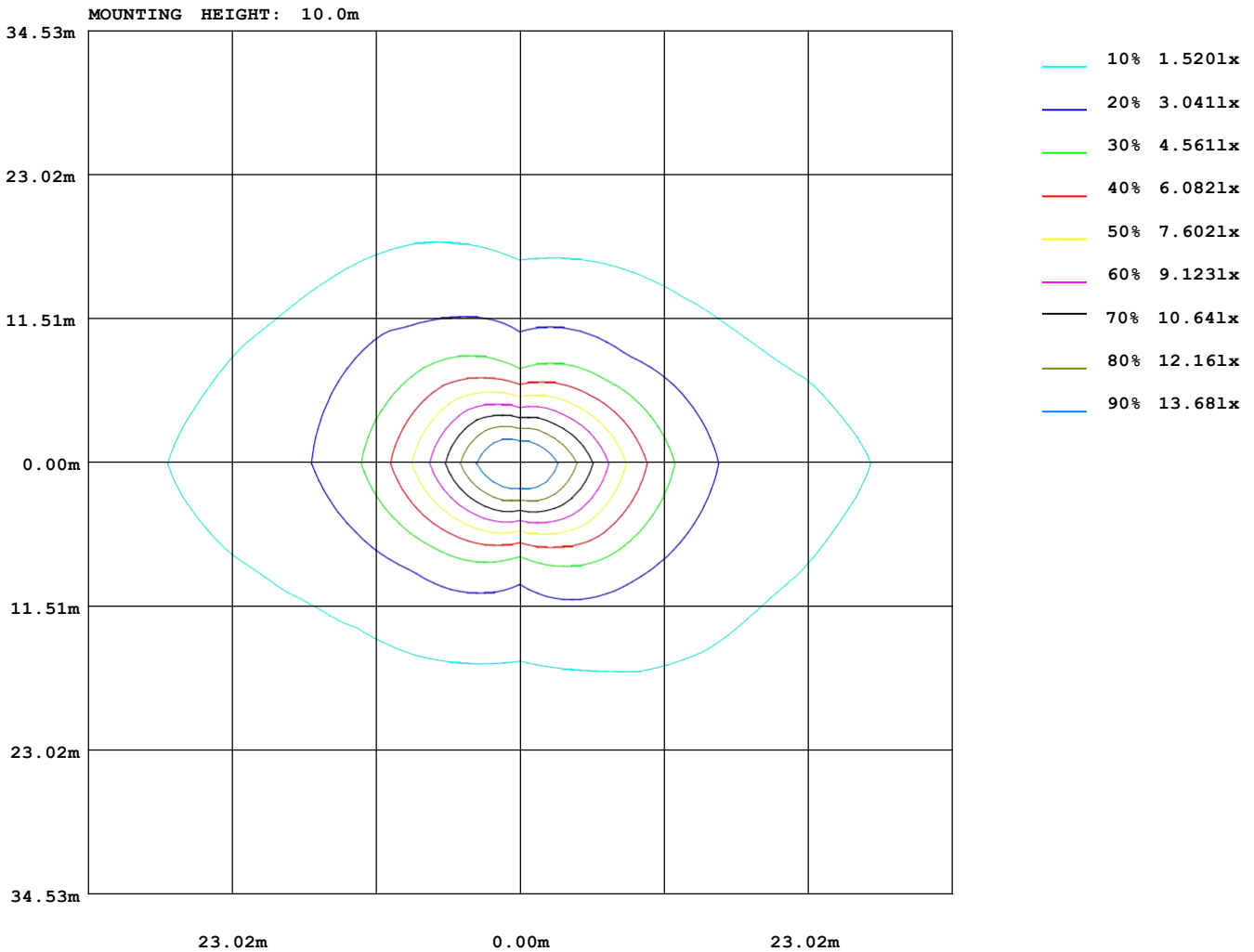
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG O

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT (K): 5000	DIMENSION:	SERIAL No.: WN-001



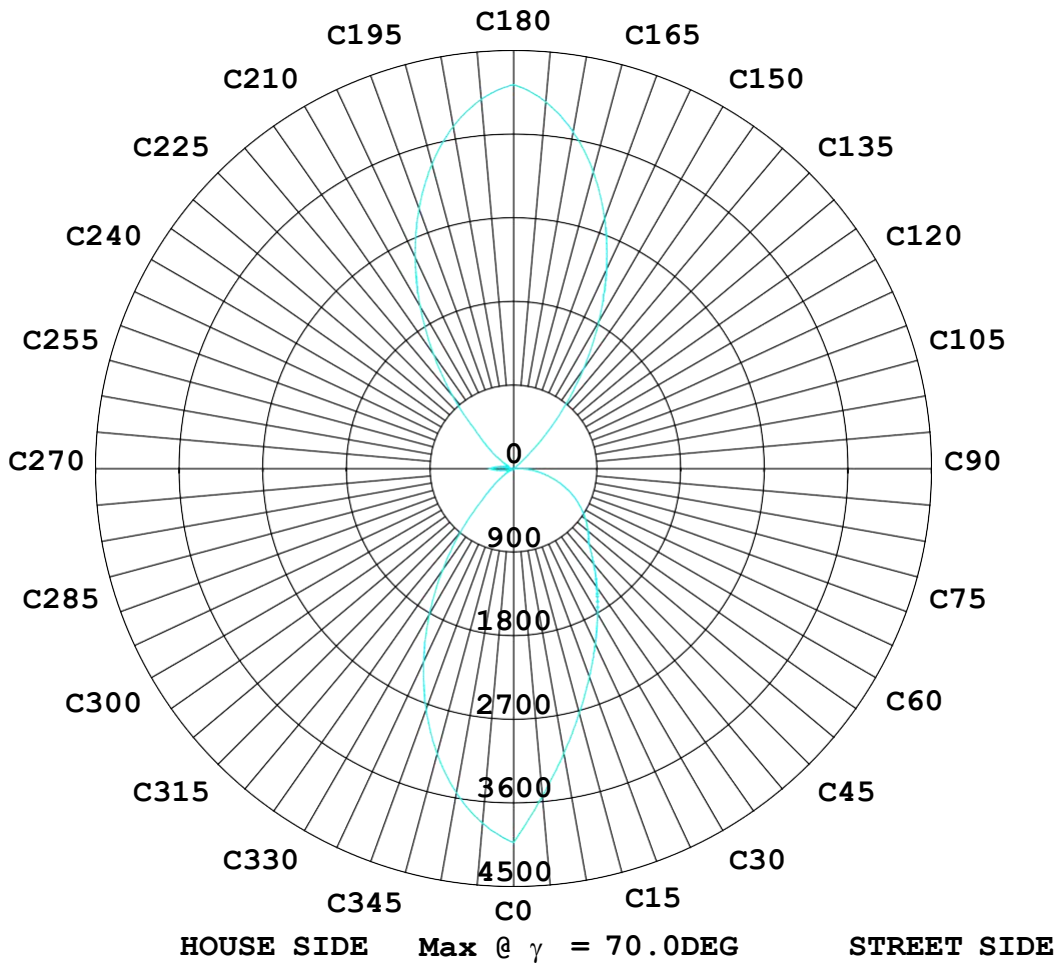
Test System:HOPOO HPG1800
 Temperature:25.3DEG O

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT (K): 5000	DIMENSION:	SERIAL No.: WN-001



Test System:HOPOO HPG1800
 Temperature:25.3DEG O

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT (K): 5000	DIMENSION:	SERIAL No.: WN-001

		AREA FLUX DIAGRAM																UNIT:lm		φ t	φ a
VERTICAL (DEG)	90	0.22	0.59	0.79	0.83	0.74	0.69	0.61	0.48	0.32	0.29	0.39	0.46	0.50	0.54	0.53	0.40	0.26	0.09	8.74	0.00
	80	0.24	0.65	1.39	3.02	1.82	1.00	1.15	1.63	1.77	1.87	1.95	1.52	0.92	1.95	4.68	2.66	0.47	0.10	28.8	1.88
	70	0.25	1.19	7.52	13.1	10.0	17.0	26.1	28.1	24.3	22.5	23.4	20.9	14.3	10.5	14.5	10.2	2.51	0.12	247	226
	60	0.26	3.86	18.2	28.5	39.5	46.8	44.5	39.4	34.2	32.3	33.4	34.0	33.2	30.1	27.7	19.9	6.32	0.19	473	471
	50	0.30	8.36	28.3	42.1	44.7	41.6	37.9	34.6	30.2	29.0	30.9	31.4	31.4	33.1	34.6	29.0	10.7	0.45	500	499
	40	0.39	13.0	36.6	41.0	38.5	37.8	37.4	35.1	31.2	30.2	31.9	32.0	31.4	31.7	32.8	34.5	15.0	0.80	512	511
	30	0.56	17.0	39.9	37.1	36.4	38.2	39.8	39.6	37.5	36.5	36.5	35.4	34.0	32.3	31.4	35.7	18.8	1.13	548	548
		0.73	20.3	40.4	35.2	36.7	39.6	42.2	43.5	42.7	41.8	40.8	39.4	37.0	34.1	31.6	35.5	21.9	1.42	586	585
		0.84	22.7	40.9	35.1	37.9	41.5	44.4	45.8	45.7	45.0	44.2	42.8	40.2	36.4	32.8	36.0	24.2	1.59	619	619
		0.84	22.7	40.4	34.4	37.3	40.9	43.9	45.5	45.8	45.6	44.9	43.5	40.7	36.8	33.0	36.4	24.3	1.59	619	619
		0.73	20.2	39.2	33.1	34.8	37.8	40.5	42.4	42.9	43.1	42.9	41.4	38.7	35.3	32.2	36.6	22.2	1.42	586	586
	-30	0.55	17.0	38.1	33.1	32.8	34.6	36.4	37.7	37.5	37.8	39.1	38.8	36.8	34.1	32.6	37.6	19.1	1.13	546	545
	-40	0.38	13.0	34.8	35.2	31.8	31.6	32.2	32.0	30.0	30.7	33.9	35.6	35.0	33.7	35.8	37.1	15.2	0.80	500	499
	-50	0.29	8.32	27.6	35.5	33.6	30.5	30.5	29.5	27.0	27.7	31.7	34.0	34.7	37.4	40.5	31.6	10.8	0.45	472	472
	-60	0.25	3.82	18.0	25.5	27.3	31.6	32.7	31.8	30.2	31.0	34.1	37.3	41.3	40.9	34.4	21.3	6.33	0.19	449	447
	-70	0.24	1.15	7.40	12.8	7.71	9.27	16.4	20.0	19.9	22.4	27.9	29.7	26.1	20.0	17.2	10.3	2.52	0.12	252	233
-80	0.24	0.60	1.27	2.79	1.45	0.64	0.88	1.21	1.29	2.54	4.45	4.67	3.25	2.56	4.71	2.68	0.48	0.10	35.8	3.94	
-90	0.22	0.55	0.68	0.61	0.41	0.40	0.41	0.41	0.39	0.43	0.52	0.59	0.62	0.65	0.62	0.45	0.28	0.10	8.33	0.00	
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
φ t	7.51	175	422	450	454	482	509	509	484	481	504	504	481	453	442	419	202	11.8	7100		
φ a	2.39	169	416	442	445	475	502	502	476	474	495	496	473	444	434	413	198	8.85		6862	

Test System:HOPOO HPG1800
 Temperature:25.3DEG

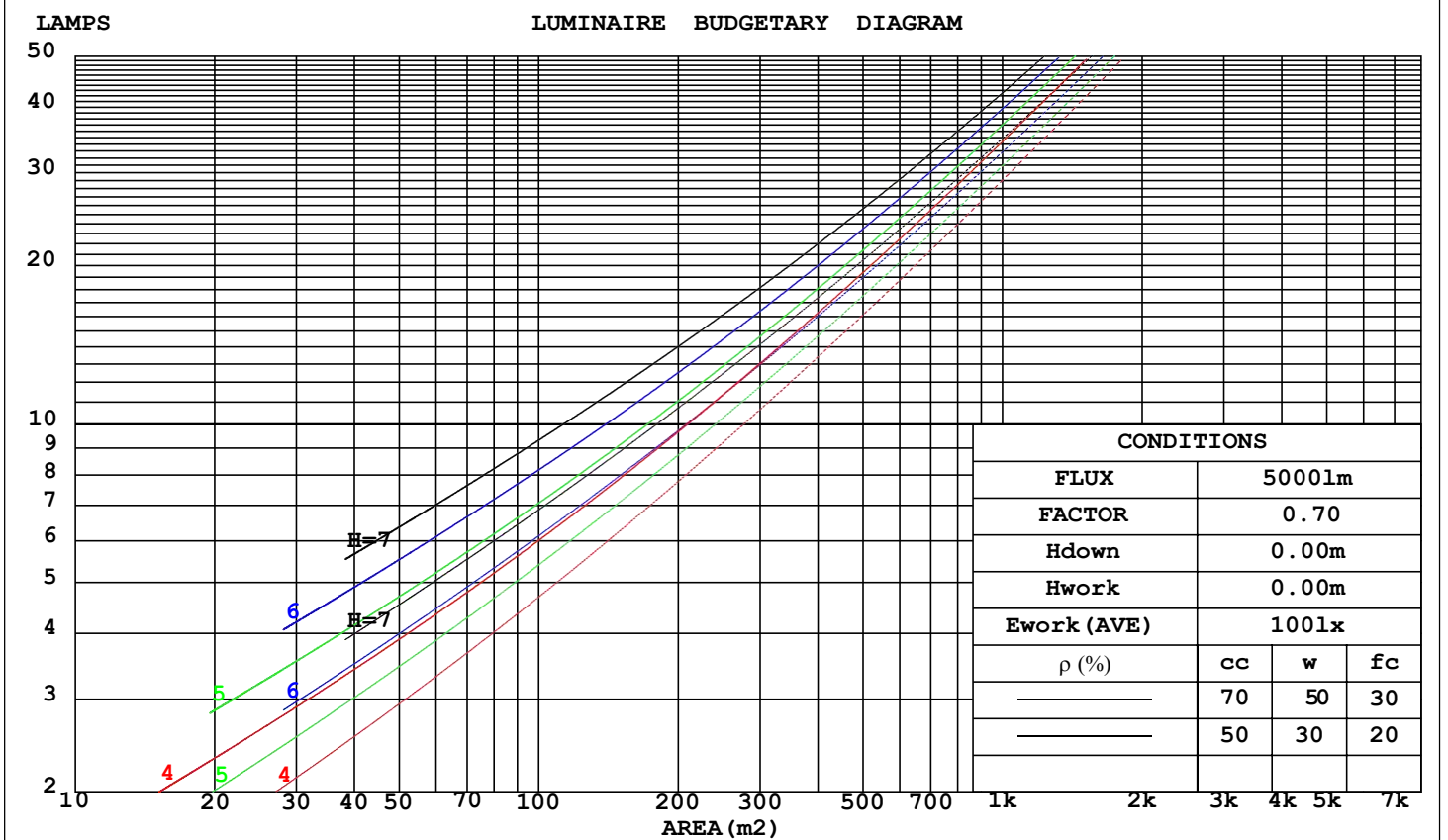
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: COB High Power Street Light								TYPE: Glass LED Module				WEIGHT:			
SPECIFICATION: 50W				CCT(K): 5000				DIMENSION:				SERIAL No.: WN-001			

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.01	.96	.91	.98	.94	.89	.94	.90	.86	.89	.86	.83	.85	.83	.80	.78
2.0	.85	.76	.70	.83	.75	.69	.79	.72	.67	.75	.70	.65	.72	.67	.63	.61
3.0	.72	.62	.55	.70	.61	.54	.67	.59	.53	.64	.57	.52	.61	.55	.51	.48
4.0	.62	.52	.44	.61	.51	.44	.58	.50	.43	.55	.48	.42	.53	.47	.41	.39
5.0	.55	.44	.37	.53	.44	.36	.51	.42	.36	.49	.41	.35	.46	.40	.35	.32
6.0	.48	.38	.31	.47	.38	.31	.45	.37	.30	.43	.36	.30	.41	.35	.30	.27
7.0	.43	.34	.27	.42	.33	.27	.41	.32	.26	.39	.31	.26	.37	.31	.26	.23
8.0	.39	.30	.23	.38	.30	.23	.37	.29	.23	.35	.28	.23	.34	.27	.22	.20
9.0	.36	.27	.21	.35	.27	.21	.34	.26	.20	.32	.25	.20	.31	.25	.20	.18
10.0	.33	.24	.19	.32	.24	.19	.31	.24	.18	.30	.23	.18	.29	.23	.18	.16



Test System:HOPOO HPG1800
 Temperature:25.3DEG

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%

WEC AND CCEC

Report number:

MANUFACTURER:															
Address:															
NAME: COB High Power Street Light							TYPE: Glass LED Module					WEIGHT:			
SPECIFICATION: 50W				CCT(K): 5000				DIMENSION:				SERIAL No.: WN-001			

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.365	.208	.066	.357	.204	.065	.343	.197	.063	.330	.190	.061	.318	.184	.059	
2.0	.344	.189	.058	.337	.186	.057	.324	.180	.056	.312	.175	.055	.301	.170	.054	
3.0	.315	.167	.050	.308	.165	.050	.297	.161	.049	.286	.157	.048	.276	.153	.047	
4.0	.286	.149	.044	.281	.147	.043	.270	.143	.043	.260	.140	.042	.251	.137	.042	
5.0	.261	.133	.038	.256	.131	.038	.246	.128	.038	.238	.125	.037	.230	.123	.037	
6.0	.239	.120	.034	.234	.118	.034	.226	.116	.034	.218	.113	.033	.211	.111	.033	
7.0	.219	.108	.031	.216	.107	.031	.208	.105	.030	.201	.103	.030	.195	.101	.030	
8.0	.203	.099	.028	.199	.098	.028	.193	.096	.027	.186	.094	.027	.181	.093	.027	
9.0	.189	.091	.025	.185	.090	.025	.179	.089	.025	.174	.087	.025	.168	.086	.025	
10.0	.176	.084	.023	.173	.084	.023	.168	.082	.023	.163	.081	.023	.158	.079	.023	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.196	.167	.142	.168	.144	.122	.115	.099	.084	.066	.057	.049	.021	.018	.016	
2.0	.191	.144	.104	.164	.124	.090	.112	.085	.062	.065	.050	.037	.021	.016	.012	
3.0	.185	.127	.080	.159	.109	.069	.109	.076	.049	.063	.044	.029	.020	.014	.009	
4.0	.178	.114	.065	.153	.098	.056	.105	.069	.040	.061	.040	.023	.020	.013	.008	
5.0	.170	.104	.055	.146	.090	.048	.101	.063	.034	.058	.037	.020	.019	.012	.007	
6.0	.163	.096	.048	.140	.083	.041	.097	.058	.029	.056	.034	.017	.018	.011	.006	
7.0	.155	.089	.042	.134	.077	.037	.092	.054	.026	.054	.032	.016	.017	.010	.005	
8.0	.148	.083	.039	.128	.072	.034	.088	.051	.024	.051	.030	.014	.017	.010	.005	
9.0	.141	.078	.036	.122	.068	.031	.084	.048	.022	.049	.028	.013	.016	.009	.004	
10.0	.135	.074	.033	.116	.064	.029	.081	.045	.021	.047	.027	.012	.015	.009	.004	

Test System:HOPOO HPG1800
 Temperature:25.3DEG

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%

UGR Table

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT(K): 5000	DIMENSION:	SERIAL No.: WN-001

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	26.7	28.4	27.0	28.7	28.9	23.8	25.5	24.1	25.7	26.0
3H	32.9	34.4	33.2	34.7	35.0	24.7	26.3	25.1	26.6	26.9
4H	34.8	36.3	35.1	36.6	36.9	24.7	26.2	25.0	26.5	26.8
6H	35.7	37.1	36.0	37.4	37.7	24.5	26.0	24.9	26.3	26.6
8H	35.7	37.1	36.1	37.5	37.8	24.5	25.9	24.9	26.2	26.5
12H	35.7	37.0	36.1	37.4	37.7	24.4	25.8	24.8	26.1	26.4
4H 2H	27.8	29.3	28.2	29.6	29.9	25.9	27.5	26.3	27.8	28.1
3H	33.4	34.7	33.8	35.1	35.4	26.8	28.2	27.2	28.5	28.8
4H	35.3	36.5	35.7	36.9	37.3	26.8	28.0	27.2	28.4	28.7
6H	36.2	37.3	36.7	37.7	38.1	26.7	27.8	27.1	28.2	28.6
8H	36.3	37.4	36.8	37.8	38.2	26.6	27.6	27.1	28.0	28.5
12H	36.3	37.2	36.8	37.7	38.1	26.6	27.5	27.0	27.9	28.4
8H 4H	35.2	36.2	35.7	36.6	37.1	27.6	28.6	28.0	29.0	29.4
6H	36.2	37.1	36.7	37.5	38.0	27.5	28.3	28.0	28.8	29.3
8H	36.3	37.1	36.8	37.6	38.0	27.5	28.2	28.0	28.7	29.2
12H	36.3	37.0	36.8	37.4	38.0	27.4	28.1	27.9	28.6	29.1
12H 4H	35.2	36.1	35.6	36.5	37.0	27.7	28.6	28.1	29.0	29.5
6H	36.2	36.9	36.7	37.4	37.9	27.6	28.4	28.1	28.8	29.3
8H	36.3	37.0	36.8	37.4	38.0	27.6	28.2	28.1	28.7	29.2

Variations with the observer position at spacings:

S = 1.0H	+ 0.1 / - 0.1	+ 0.3 / - 0.4
1.5H	+ 0.4 / - 0.3	+ 0.7 / - 1.1
2.0H	+ 0.9 / - 0.5	+ 1.8 / - 1.9

CIE Pub.117 Corrected 7100 lm Total Lamp Luminous Flux. (8log(F/F0) = 6.8)

Test System:HOPOO HPG1800
Temperature:25.3DEG

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: COB High Power Street Light		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT (K): 5000	DIMENSION:	SERIAL No.: WN-001

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	49	36	29	49	36	29	47	36	28	21
0.80	59	45	37	58	45	37	55	44	36	28
1.00	67	54	45	65	53	45	63	55	44	36
1.25	74	62	53	73	61	52	70	59	52	43
1.50	80	68	59	78	67	59	75	65	58	49
2.00	88	78	70	86	76	69	82	74	67	58
2.50	94	84	77	91	82	76	87	80	74	64
3.00	98	89	83	95	88	82	91	84	79	69
4.00	103	96	91	100	94	89	96	91	86	76
5.00	106	101	96	104	99	94	99	95	91	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

Test System:HOPOO HPG1800
 Temperature:25.3DEG

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: 煜华107-5A		TYPE: Glass LED Module	WEIGHT:
SPECIFICATION: 50W	CCT (K): 5000	DIMENSION:	SERIAL No.: WN-001

UNIT: cd

C (DEG) \ γ (DEG)	0	45	90	135	180	225	270	315
0.0	1519	1512	1507	1506	1519	1512	1507	1506
5.0	1518	1511	1504	1514	1535	1515	1490	1494
10.0	1529	1508	1468	1507	1561	1512	1443	1469
15.0	1553	1494	1400	1484	1595	1503	1369	1433
20.0	1583	1470	1310	1448	1627	1489	1279	1391
25.0	1618	1445	1204	1404	1652	1473	1173	1350
30.0	1650	1422	1070	1348	1676	1452	1053	1301
35.0	1680	1396	923	1291	1706	1431	933	1255
40.0	1711	1371	826	1242	1745	1425	871	1216
45.0	1755	1354	819	1198	1794	1438	902	1189
50.0	1817	1350	889	1179	1880	1492	988	1181
55.0	1922	1379	985	1189	2011	1663	1053	1247
60.0	2092	1602	966	1383	2292	2065	1018	1394
65.0	2809	1938	692	1210	3355	1884	703	1360
70.0	4026	1146	66.9	340	4133	583	267	480
75.0	3181	382	39.7	28.0	3060	53.2	27.5	34.7
80.0	1478	31.0	18.0	23.0	949	38.9	12.7	29.4
85.0	60.7	30.4	11.3	17.8	97.5	35.9	6.90	25.2
90.0	35.7	24.6	9.40	13.7	89.5	26.3	4.40	18.7
95.0	26.4	14.9	8.80	11.1	41.9	18.1	4.90	15.8
100.0	25.5	12.6	9.20	9.70	20.2	16.5	5.80	14.3
105.0	24.6	13.0	9.80	10.8	19.4	16.9	6.80	14.9
110.0	24.1	14.1	10.5	11.7	19.5	17.0	7.80	15.4
115.0	23.6	14.8	11.3	12.3	19.9	17.4	8.80	15.8
120.0	23.5	15.7	12.1	13.0	20.5	17.5	9.80	16.5
125.0	23.8	16.4	12.8	13.3	21.2	17.4	10.8	17.2
130.0	24.6	16.9	13.5	13.7	22.5	18.4	11.7	17.6
135.0	26.1	17.6	14.5	15.0	23.7	19.4	13.0	18.2
140.0	27.0	18.2	15.7	16.1	23.9	20.0	14.4	19.0
145.0	26.6	18.9	16.9	16.9	22.7	20.1	15.6	19.5
150.0	24.6	19.1	17.8	17.6	20.9	19.7	16.5	19.6
155.0	22.6	19.0	18.4	17.7	19.7	19.3	17.0	19.6
160.0	21.4	18.7	18.7	17.6	19.6	19.1	17.4	19.3
165.0	21.1	18.7	19.0	17.7	19.6	19.1	17.8	19.2
170.0	21.0	18.7	19.3	17.9	19.6	19.3	18.2	19.3
175.0	21.0	18.7	19.5	18.0	20.0	19.5	18.6	19.3
180.0	20.8	18.9	19.4	18.4	20.6	19.5	18.9	19.2

Test System:HOPOO HPG1800
 Temperature:25.3DEG

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%