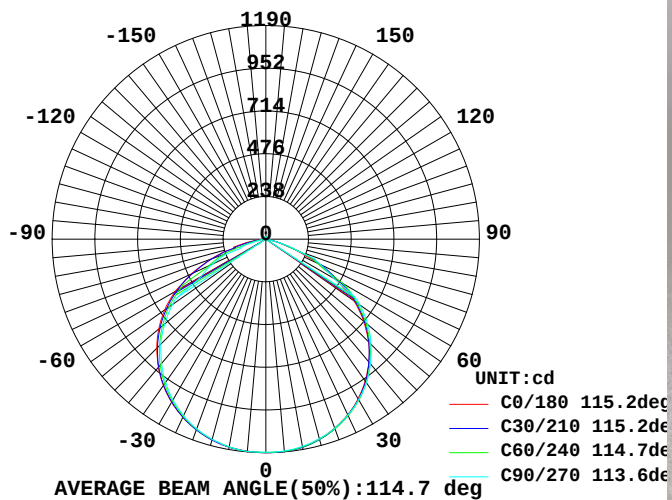


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 30W 195x180x28 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5145	DIMENSION: 195x180x28	SERIAL No.:

MODEL:		Imax(cd):	1190	Effective Flux(lm):	3310.9
NOMINAL POWER(W):	32	MAXIMUM(C, γ):	210, 1.0	EEI	0.129
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	3310.9	η street_up(%):	0.8	Current(A)	0.144
TEST FLUX(lm):	3310.9	η street_down(%):	48.7	Power(W)	31.37
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.989
TOTAL RADIANT(mw):	3310.9	η house_down(%)	49.7	EEFICIENCY(lm/W)	105.5



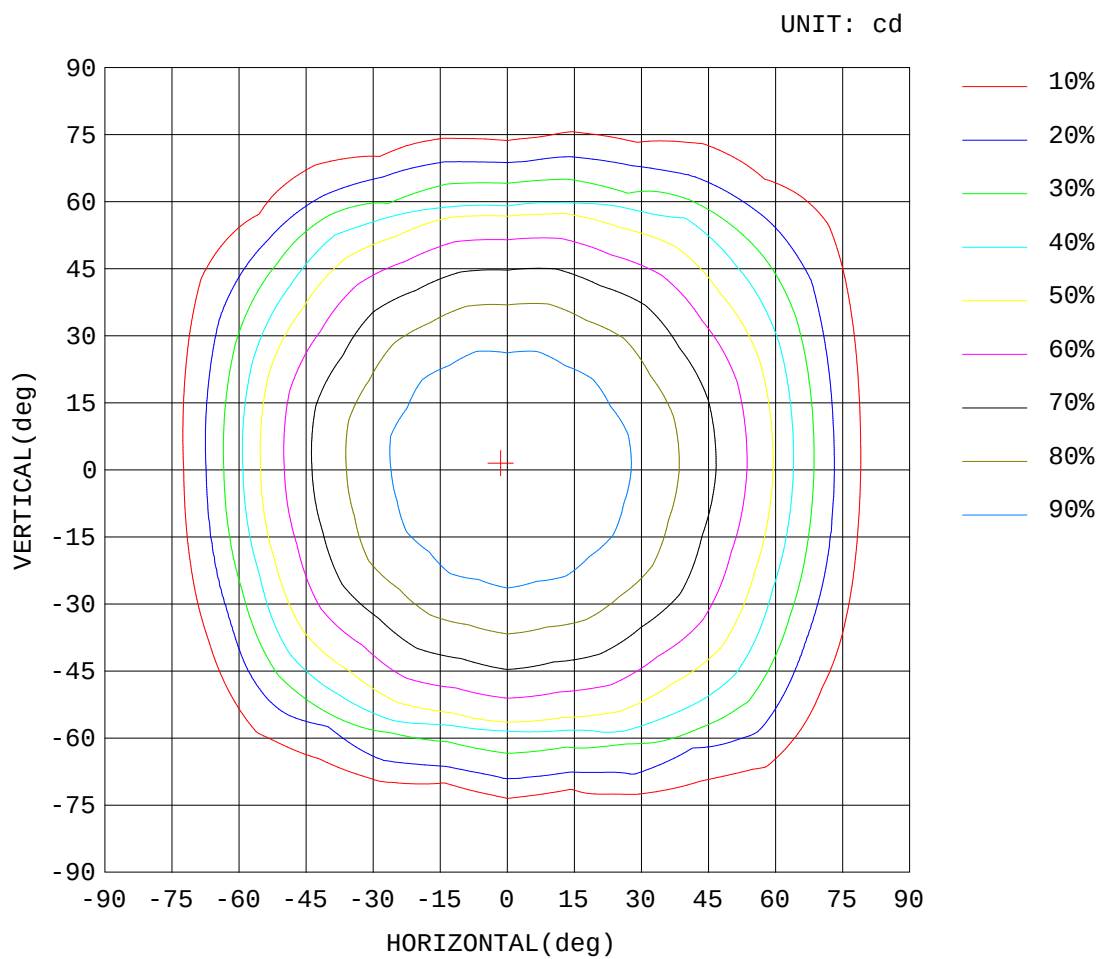
Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 99.8% Flickering. Temp 58.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 30W 195x180x28 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5145	DIMENSION: 195x180x28	SERIAL No.:



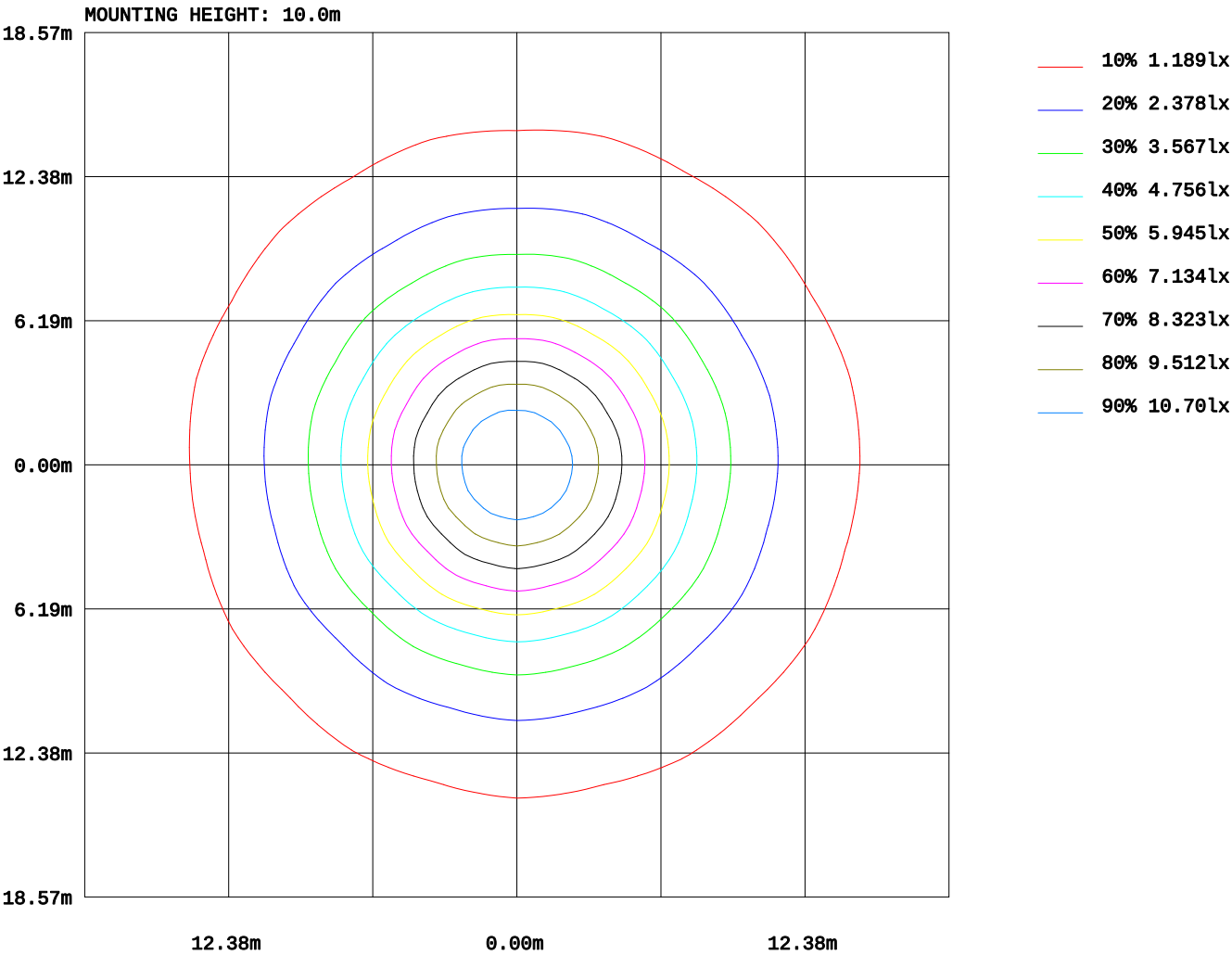
Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 99.8% Flickering. Temp 58.3C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 30W 195x180x28 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5145	DIMENSION: 195x180x28	SERIAL No.:



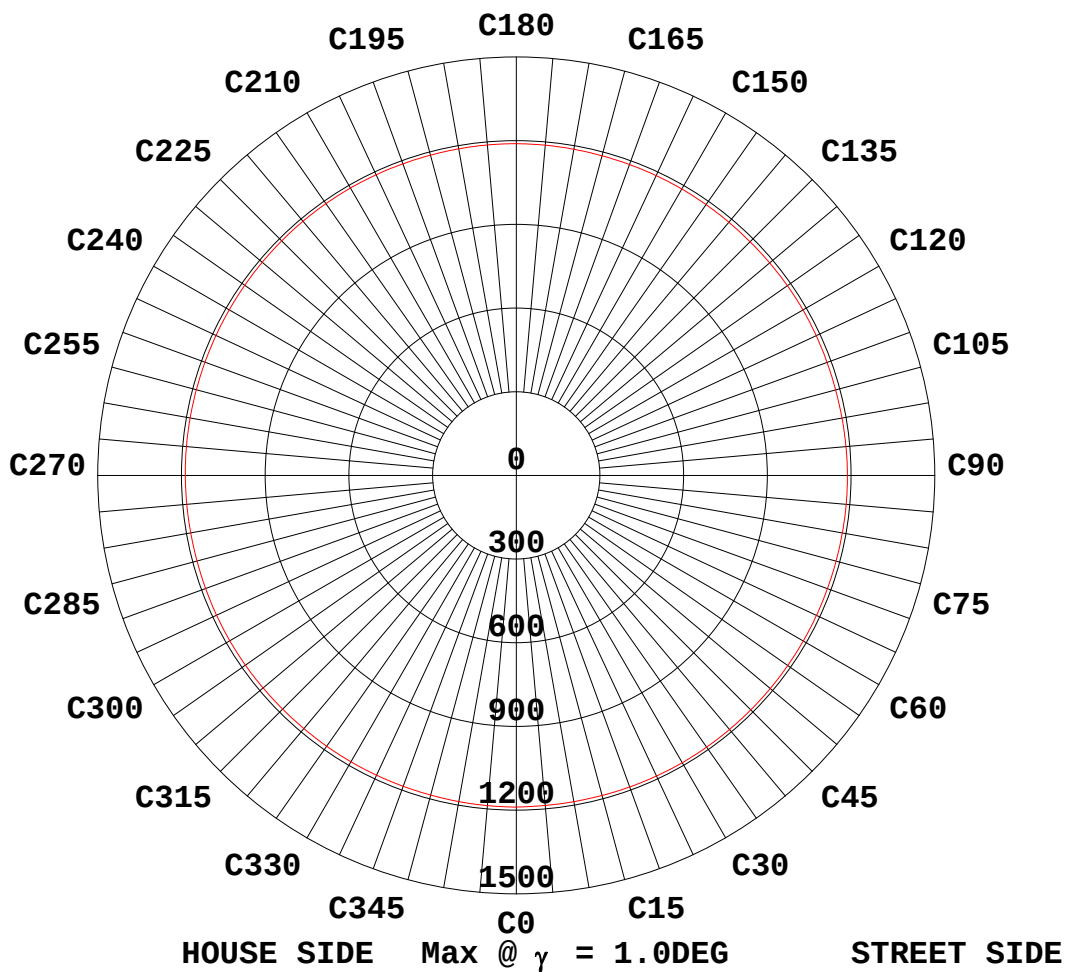
Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 99.8% Flickering. Temp 58.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 30W 195x180x28 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5145	DIMENSION: 195x180x28	SERIAL No.:



Temperature: 25.3°C
 Operators:
 Test Date: 06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 69Ra. 99.8% Flickering. Temp 58.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 30W 195x180x28 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5145	DIMENSION: 195x180x28	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1189	1188	1189	1189	1188	1187	1187	1185	1186	1185	1186	1187	1189	1188	1189
5.0	1185	1183	1186	1186	1187	1185	1186	1184	1187	1184	1186	1184	1187	1188	1188
10.0	1176	1173	1177	1174	1175	1172	1175	1171	1176	1172	1177	1172	1175	1179	1177
15.0	1158	1155	1158	1153	1155	1150	1154	1149	1155	1149	1156	1150	1153	1160	1156
20.0	1129	1126	1131	1123	1127	1120	1125	1117	1124	1114	1125	1119	1120	1130	1124
25.0	1094	1089	1094	1085	1089	1078	1085	1074	1083	1072	1083	1077	1079	1090	1081
30.0	1049	1041	1047	1035	1040	1027	1035	1023	1033	1020	1032	1021	1028	1039	1031
35.0	995	984	993	979	983	965	974	960	971	957	972	959	964	979	969
40.0	931	918	928	912	915	896	904	885	898	882	899	887	892	909	893
45.0	858	842	853	831	837	817	827	802	815	793	813	798	809	827	812
50.0	779	758	770	743	752	726	736	709	727	696	719	698	711	734	719
55.0	687	667	674	648	658	625	634	602	615	589	608	588	599	628	609
60.0	583	560	571	539	550	427	418	388	461	467	481	440	456	480	480
65.0	455	423	446	413	350	316	327	292	308	254	335	302	316	345	341
70.0	324	299	317	230	254	162	153	126	188	153	178	161	171	180	187
75.0	188	165	179	129	115	74.1	80.2	49.9	77.5	51.2	85.7	63.2	71.5	105	72.0
80.0	102	69.0	83.2	38.2	47.2	19.6	29.8	15.5	25.5	12.0	25.2	11.0	14.4	32.2	14.9
85.0	29.0	13.0	23.6	9.60	18.2	7.00	14.4	4.60	12.0	3.40	10.9	3.00	3.60	11.5	3.50
90.0	9.80	3.00	10.4	2.70	9.00	2.40	8.10	2.50	8.10	2.60	8.29	2.80	3.20	8.60	2.80
95.0	8.60	2.90	8.40	2.90	7.90	2.90	7.70	3.10	7.80	3.30	8.00	3.40	3.80	8.29	3.40
100.0	8.29	3.60	8.10	3.60	7.80	3.60	7.60	3.70	7.80	3.90	8.00	4.10	4.50	8.29	4.10
105.0	8.40	4.40	8.20	4.30	8.00	4.30	7.80	4.50	8.00	4.70	8.20	4.90	5.40	8.50	4.90
110.0	8.60	5.10	8.40	5.10	8.20	5.10	8.20	5.30	8.40	5.50	8.50	5.60	6.20	8.80	5.70
115.0	9.00	5.90	8.80	5.80	8.60	5.90	8.60	6.00	8.70	6.20	8.90	6.40	7.00	9.30	6.50
120.0	9.50	6.70	9.20	6.60	9.09	6.70	9.09	6.80	9.20	7.00	9.30	7.20	7.90	9.70	7.20
125.0	9.90	7.50	9.60	7.40	9.50	7.50	9.70	7.70	9.60	7.70	9.90	7.90	8.70	10.2	8.00
130.0	10.4	8.29	10.2	8.10	10.1	8.29	10.2	8.29	10.2	8.40	10.4	8.70	9.40	10.7	8.80
135.0	11.0	9.00	10.7	8.90	10.5	9.00	10.7	9.09	10.7	9.20	10.9	9.40	10.1	11.3	9.50
140.0	11.5	9.80	11.2	9.60	11.2	9.80	11.3	9.80	11.2	9.90	11.4	10.1	10.8	11.8	10.2
145.0	12.0	10.4	11.7	10.3	11.7	10.5	11.7	10.4	11.7	10.5	11.9	10.7	11.4	12.3	10.8
150.0	12.4	11.0	12.2	11.0	12.2	11.2	12.2	11.0	12.1	11.0	12.3	11.3	11.9	12.7	11.3
155.0	12.8	11.5	12.6	11.5	12.6	11.8	12.6	11.5	12.5	11.5	12.7	11.8	12.3	13.0	11.8
160.0	13.2	12.1	12.9	12.0	13.0	12.2	12.9	11.9	12.9	12.0	13.0	12.3	12.8	13.4	12.2
165.0	13.6	12.5	13.3	12.4	13.3	12.6	13.3	12.4	13.2	12.4	13.4	12.7	13.2	13.6	12.6
170.0	14.0	12.9	13.6	12.8	13.6	12.9	13.6	12.7	13.4	12.7	13.6	13.0	13.7	13.7	12.9
175.0	14.2	13.2	13.7	13.0	13.7	13.0	13.9	13.0	13.6	13.0	13.7	13.0	13.9	13.9	13.0
180.0	14.2	13.5	13.7	13.4	13.7	13.4	14.0	13.3	13.7	13.3	13.7	13.3	14.3	13.7	13.3

Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 99.8% Flickering. Temp 58.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 30W 195x180x28 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5145	DIMENSION: 195x180x28	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1189	1188	1187	1187	1185	1186	1185	1186	1187
5.0	1189	1187	1187	1184	1183	1183	1183	1182	1183
10.0	1180	1175	1177	1172	1173	1171	1173	1171	1175
15.0	1159	1155	1156	1151	1154	1152	1156	1153	1157
20.0	1132	1124	1129	1121	1128	1124	1129	1125	1132
25.0	1093	1085	1090	1081	1091	1084	1093	1087	1097
30.0	1043	1036	1045	1033	1043	1037	1048	1042	1052
35.0	983	975	987	976	991	982	996	987	1000
40.0	914	902	918	906	925	914	932	919	936
45.0	833	820	836	828	847	838	858	848	864
50.0	741	727	752	741	766	751	777	765	786
55.0	634	622	653	639	670	657	682	670	696
60.0	519	498	458	437	503	551	580	567	590
65.0	371	318	351	338	373	359	472	448	466
70.0	180	194	219	181	268	253	287	314	336
75.0	98.2	75.0	107	67.5	147	126	188	157	181
80.0	29.6	15.0	30.0	19.4	37.7	33.8	82.0	68.4	113
85.0	12.3	4.30	14.4	6.30	18.0	9.30	22.0	13.0	34.5
90.0	8.40	2.60	8.29	2.30	8.70	2.50	10.4	3.30	11.2
95.0	8.10	3.10	7.80	2.90	7.90	2.80	8.29	2.90	8.60
100.0	8.00	3.80	7.80	3.60	7.70	3.50	8.10	3.50	8.29
105.0	8.29	4.60	8.00	4.30	7.90	4.20	8.10	4.30	8.29
110.0	8.60	5.40	8.29	5.20	8.20	5.10	8.40	5.10	8.50
115.0	9.00	6.20	8.80	6.10	8.70	5.90	8.80	5.90	8.90
120.0	9.50	7.00	9.30	6.90	9.20	6.70	9.20	6.70	9.40
125.0	10.0	7.80	9.80	7.70	9.70	7.50	9.70	7.50	9.90
130.0	10.5	8.50	10.3	8.50	10.2	8.29	10.2	8.29	10.3
135.0	11.0	9.30	10.9	9.20	10.8	9.00	10.7	9.00	10.9
140.0	11.5	9.90	11.4	10.0	11.3	9.70	11.2	9.70	11.4
145.0	12.0	10.5	11.9	10.5	11.9	10.4	11.8	10.4	11.9
150.0	12.4	11.1	12.3	11.2	12.4	11.1	12.3	11.0	12.4
155.0	12.7	11.5	12.7	11.7	12.9	11.7	12.7	11.5	12.7
160.0	13.0	12.1	13.0	12.2	13.2	12.1	13.0	12.0	13.0
165.0	13.3	12.5	13.3	12.6	13.5	12.5	13.3	12.4	13.3
170.0	13.6	12.8	13.6	13.0	13.7	12.8	13.5	12.8	13.6
175.0	13.7	13.0	13.7	13.3	13.7	13.0	13.7	13.0	13.7
180.0	13.7	13.3	13.7	13.6	13.7	13.3	13.7	13.3	13.9

Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 99.8% Flickering. Temp 58.3C