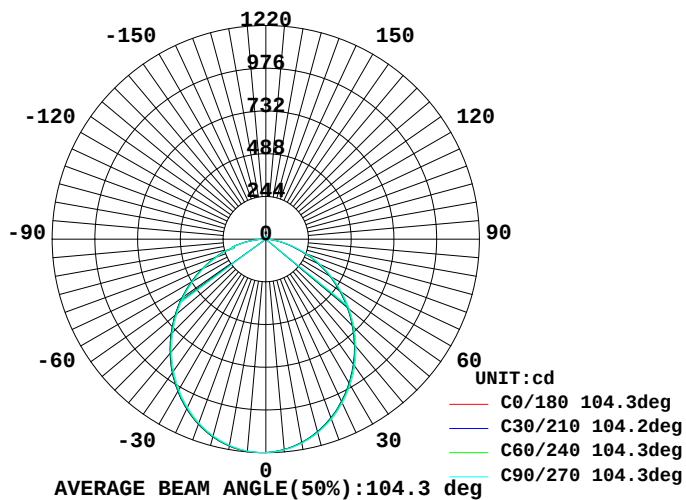


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 30W 5000K 2910lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5151	DIMENSION: 224x224x30	SERIAL No.:

MODEL:		Imax(cd):	1220	Effective Flux(lm):	3202.3
NOMINAL POWER(W):	28	MAXIMUM(C, γ):	0, 2.0	EEI	0.115
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.5
NOMINAL FLUX(lm):	3202.3	η street_up(%):	0.8	Current(A)	0.147
TEST FLUX(lm):	3202.3	η street_down(%):	49.9	Power(W)	27.10
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.834
TOTAL RADIANT(mw):	3202.3	η house_down(%)	48.4	EEFICIENCY(lm/W)	118.2



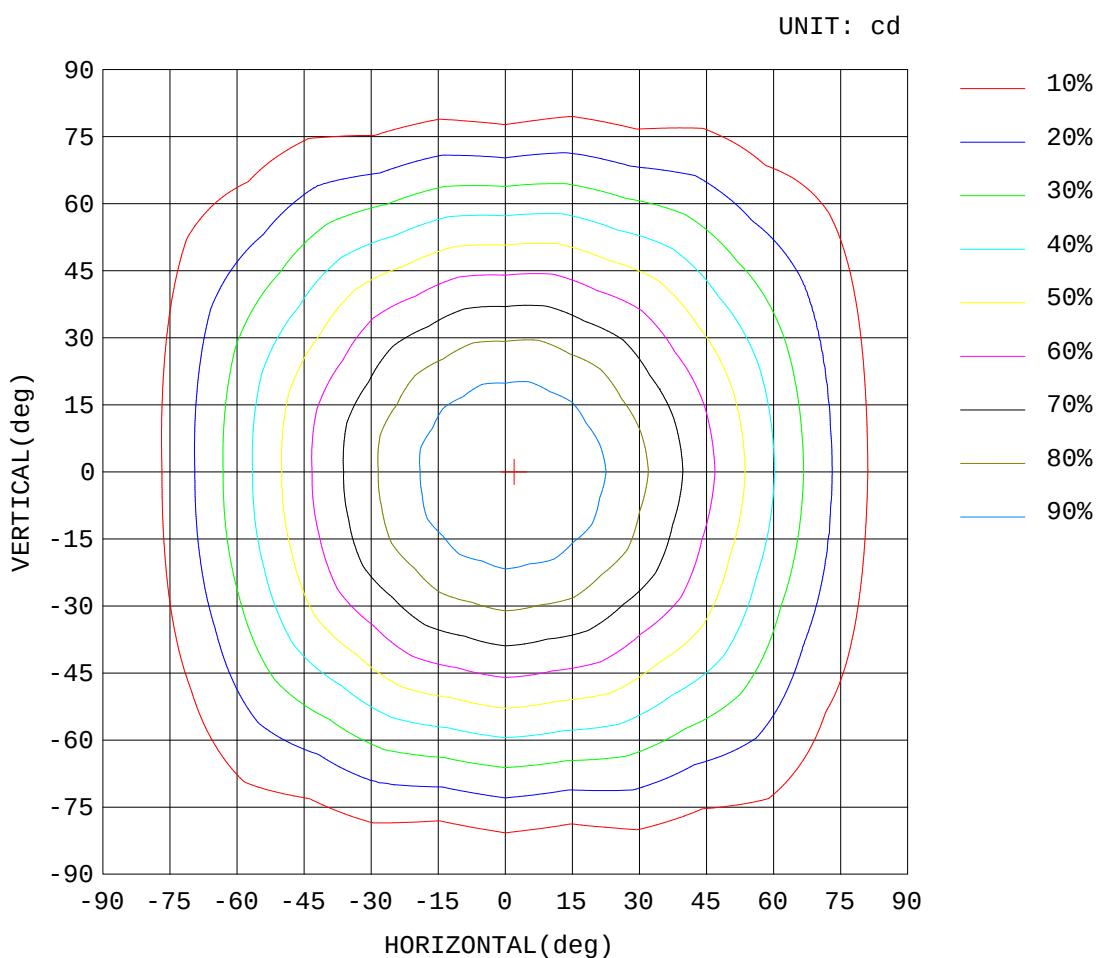
Temperature:25.3'C
 Operators:
 Test Date:09-01-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 91Ra. 0.7% Flickering. Temp 37.8

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 30W 5000K 2910lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5151	DIMENSION: 224x224x30	SERIAL No.:



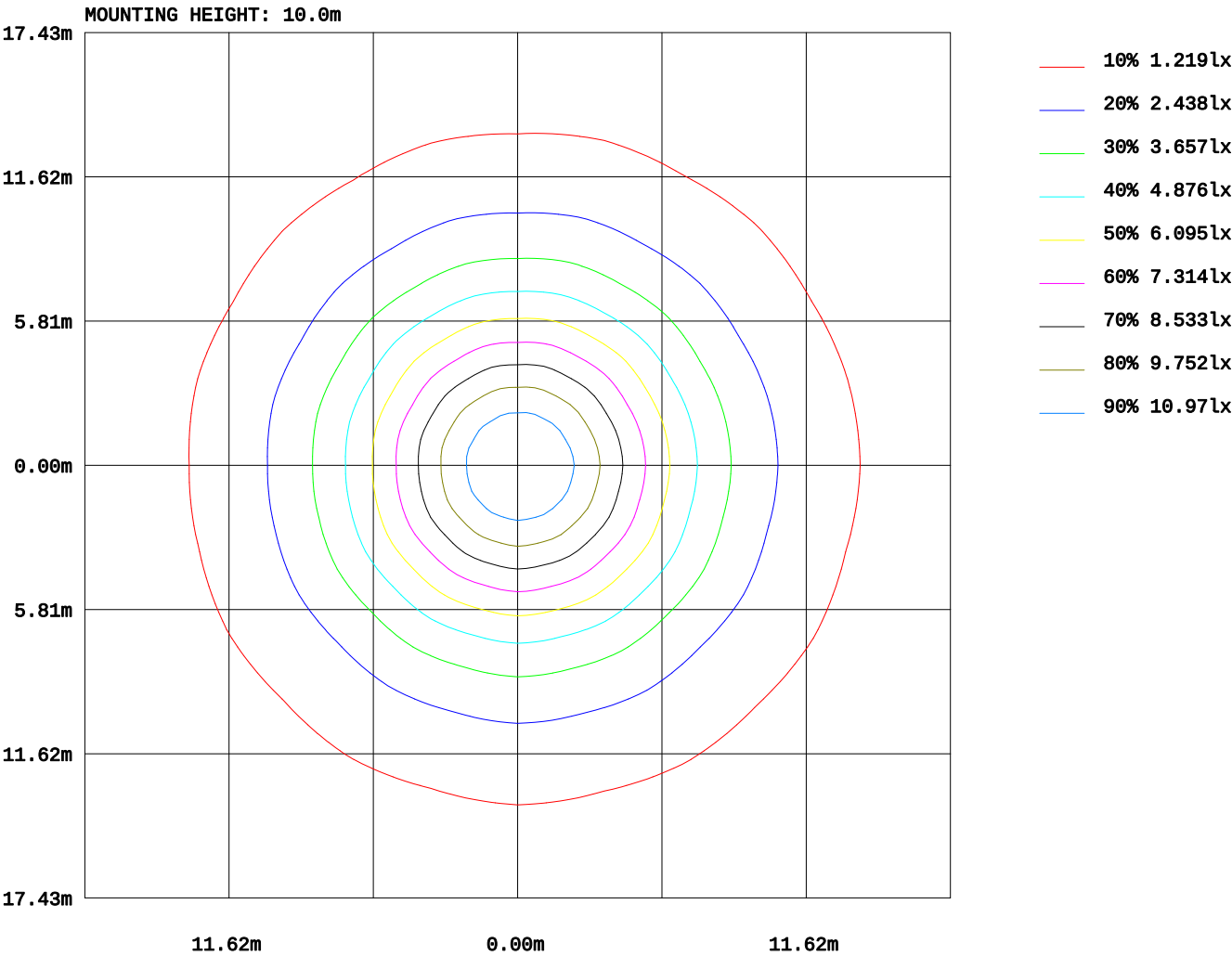
Temperature:25.3'C
Operators:
Test Date:09-01-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 91Ra. 0.7% Flickering. Temp 37.8

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 30W 5000K 2910lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5151	DIMENSION: 224x224x30	SERIAL No.:



Temperature:25.3'C
Operators:
Test Date:09-01-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 91Ra. 0.7% Flickering. Temp 37.8

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 30W 5000K 2910lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5151	DIMENSION: 224x224x30	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	1219	1219	1218	1219	1218	1219	1219	1219	1219	1218	1218	1217	1219	1219	1218
5.0	1217	1215	1216	1215	1216	1213	1214	1211	1212	1209	1210	1206	1207	1208	1206
10.0	1200	1196	1199	1195	1198	1193	1195	1189	1191	1184	1186	1180	1180	1183	1179
15.0	1170	1164	1169	1163	1167	1159	1163	1154	1157	1147	1150	1142	1139	1145	1138
20.0	1125	1118	1125	1117	1122	1112	1116	1105	1109	1097	1101	1090	1088	1094	1086
25.0	1069	1061	1069	1059	1066	1053	1059	1045	1049	1035	1041	1027	1024	1032	1023
30.0	1005	995	1005	993	1001	986	993	977	982	966	972	957	952	963	950
35.0	930	919	931	917	926	910	917	899	906	887	895	878	874	885	872
40.0	849	836	850	834	845	827	835	815	823	803	812	793	789	801	787
45.0	765	751	766	749	761	741	751	729	738	717	726	706	700	715	698
50.0	676	661	676	658	671	651	661	639	648	625	636	615	610	624	608
55.0	584	568	585	566	580	558	570	546	556	532	544	521	516	532	514
60.0	493	476	494	474	489	467	479	454	466	441	453	429	422	440	420
65.0	398	381	400	381	396	373	386	361	373	347	360	336	331	348	330
70.0	304	287	308	289	305	285	295	283	282	250	271	238	233	258	233
75.0	192	192	187	196	188	189	202	178	200	167	191	155	149	180	150
80.0	138	112	143	116	143	109	133	99.1	123	90.5	111	79.5	76.4	101	76.9
85.0	61.5	37.7	67.0	45.6	68.8	38.2	57.5	29.3	52.0	27.0	43.9	17.8	15.2	33.7	17.2
90.0	13.7	3.60	15.2	4.30	14.8	3.30	11.4	3.00	10.5	2.90	9.80	2.90	3.30	9.60	3.00
95.0	9.09	3.30	9.09	3.30	9.20	3.30	9.00	3.40	9.00	3.40	8.90	3.50	3.90	8.90	3.60
100.0	8.70	3.80	8.70	3.90	8.70	3.90	8.70	4.00	8.70	4.00	8.60	4.10	4.50	8.60	4.20
105.0	8.60	4.40	8.50	4.40	8.60	4.50	8.60	4.60	8.60	4.70	8.60	4.70	5.20	8.70	4.90
110.0	8.70	5.10	8.60	5.10	8.70	5.10	8.70	5.30	8.80	5.40	8.70	5.30	5.90	8.90	5.50
115.0	8.90	5.80	8.80	5.80	8.90	5.90	8.90	6.00	8.90	6.00	9.00	6.00	6.70	9.09	6.30
120.0	9.20	6.40	9.09	6.50	9.20	6.60	9.20	6.70	9.30	6.70	9.30	6.80	7.40	9.50	7.00
125.0	9.60	7.20	9.50	7.20	9.60	7.40	9.70	7.40	9.70	7.40	9.70	7.50	8.10	9.90	7.70
130.0	10.0	7.80	9.90	7.90	10.0	8.10	10.1	8.20	10.1	8.10	10.2	8.10	8.80	10.4	8.40
135.0	10.4	8.50	10.3	8.50	10.4	8.70	10.5	8.80	10.5	8.80	10.5	8.80	9.50	10.9	9.09
140.0	10.9	9.09	10.7	9.20	10.9	9.30	11.0	9.30	11.0	9.40	11.0	9.40	10.1	11.4	9.70
145.0	11.3	9.80	11.1	9.80	11.2	10.0	11.4	9.90	11.4	10.0	11.3	10.1	10.7	11.7	10.3
150.0	11.7	10.3	11.5	10.3	11.5	10.5	11.8	10.5	11.7	10.5	11.7	10.5	11.2	12.1	10.7
155.0	12.0	10.8	11.9	10.8	12.0	11.1	12.2	11.0	12.1	10.9	12.1	11.2	11.7	12.5	11.2
160.0	12.4	11.3	12.2	11.3	12.4	11.5	12.5	11.4	12.3	11.4	12.5	11.5	12.1	12.8	11.7
165.0	12.8	11.8	12.6	11.8	12.8	12.0	12.9	11.8	12.7	11.8	12.8	12.1	12.6	13.0	12.1
170.0	13.2	12.2	12.9	12.1	13.0	12.4	13.3	12.2	12.9	12.2	13.0	12.4	13.0	13.3	12.3
175.0	13.5	12.5	13.0	12.5	13.2	12.6	13.5	12.5	13.2	12.5	13.2	12.6	13.4	13.3	12.5
180.0	13.6	12.9	13.2	12.8	13.2	12.8	13.5	12.8	13.2	12.7	13.2	12.7	13.7	13.3	12.7

Temperature:25.3'C
Operators:
Test Date:09-01-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 91Ra. 0.7% Flickering. Temp 37.8

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 30W 5000K 2910lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5151	DIMENSION: 224x224x30	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1219	1218	1219	1219	1219	1219	1218	1218	1217
5.0	1209	1207	1210	1209	1212	1211	1213	1212	1214
10.0	1184	1181	1187	1184	1190	1188	1194	1191	1196
15.0	1147	1141	1150	1146	1156	1151	1161	1156	1164
20.0	1096	1089	1101	1096	1107	1103	1114	1110	1119
25.0	1034	1026	1040	1034	1048	1043	1056	1050	1062
30.0	965	954	971	963	980	973	990	982	997
35.0	886	877	894	886	904	897	914	907	922
40.0	803	792	810	802	821	813	833	824	841
45.0	717	703	725	713	736	725	748	736	757
50.0	626	613	634	624	646	636	658	647	668
55.0	534	520	542	530	554	543	566	555	576
60.0	442	426	451	436	463	449	475	460	485
65.0	350	335	359	346	370	358	382	369	391
70.0	261	238	269	248	280	284	291	284	299
75.0	184	155	190	163	199	175	202	183	196
80.0	106	81.0	110	88.0	120	98.5	132	106	134
85.0	37.7	19.5	39.5	21.2	47.4	32.3	59.3	39.7	59.1
90.0	9.70	3.00	9.70	2.90	9.90	2.90	11.8	3.00	13.6
95.0	8.90	3.50	8.90	3.40	9.00	3.40	9.09	3.30	9.00
100.0	8.70	4.10	8.60	4.00	8.60	4.00	8.70	3.90	8.60
105.0	8.70	4.80	8.60	4.70	8.60	4.60	8.60	4.50	8.60
110.0	8.80	5.50	8.70	5.40	8.70	5.30	8.70	5.20	8.70
115.0	9.09	6.10	9.00	6.10	9.00	5.90	8.90	5.90	8.90
120.0	9.40	6.80	9.40	6.80	9.30	6.60	9.20	6.60	9.20
125.0	9.80	7.50	9.80	7.50	9.70	7.40	9.60	7.30	9.60
130.0	10.3	8.29	10.2	8.20	10.2	8.10	10.0	8.00	10.0
135.0	10.7	8.90	10.7	8.90	10.5	8.80	10.5	8.60	10.5
140.0	11.1	9.50	11.0	9.50	11.0	9.40	10.9	9.30	10.9
145.0	11.5	10.1	11.4	10.0	11.4	10.0	11.3	9.90	11.3
150.0	12.0	10.5	11.7	10.5	11.8	10.4	11.7	10.4	11.5
155.0	12.2	11.0	12.1	11.0	12.2	10.9	12.0	10.8	11.9
160.0	12.6	11.5	12.4	11.5	12.6	11.5	12.3	11.3	12.3
165.0	12.8	11.8	12.7	11.9	12.9	11.9	12.6	11.7	12.6
170.0	13.0	12.2	13.0	12.4	13.0	12.2	12.9	12.1	12.9
175.0	13.2	12.4	13.0	12.7	13.3	12.5	13.0	12.4	13.2
180.0	13.2	12.7	13.2	13.0	13.2	12.7	13.2	12.7	13.2

Temperature:25.3'C
Operators:
Test Date:09-01-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 91Ra. 0.7% Flickering. Temp 37.8