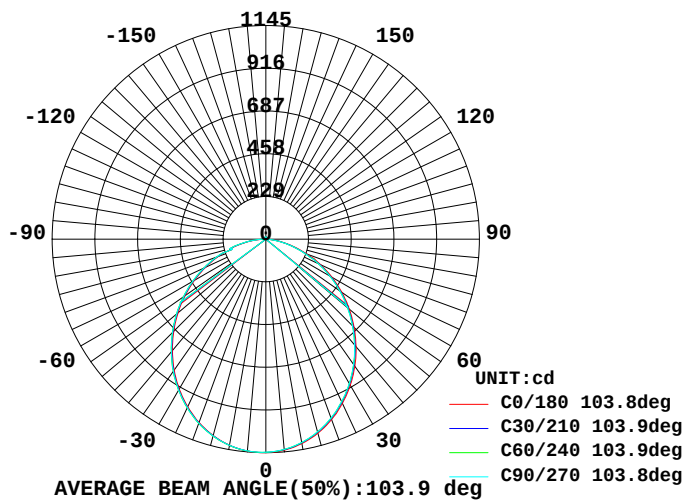


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 30W 3000K 2760lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2979	DIMENSION: 224x224x30	SERIAL No.:

MODEL:		Imax(cd):	1145	Effective Flux(lm):	2991.1
NOMINAL POWER(W):	28	MAXIMUM(C, γ):	0, 1.0	EEI	0.123
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	2991.1	η street_up(%):	0.8	Current(A)	0.147
TEST FLUX(lm):	2991.1	η street_down(%):	50.2	Power(W)	27.10
LAMPS QUANTITY:	1	η house_up(%)	0.9	Power Factor	0.833
TOTAL RADIANT(mw):	2991.1	η house_down(%)	48.1	EEFICIENCY(lm/W)	110.4



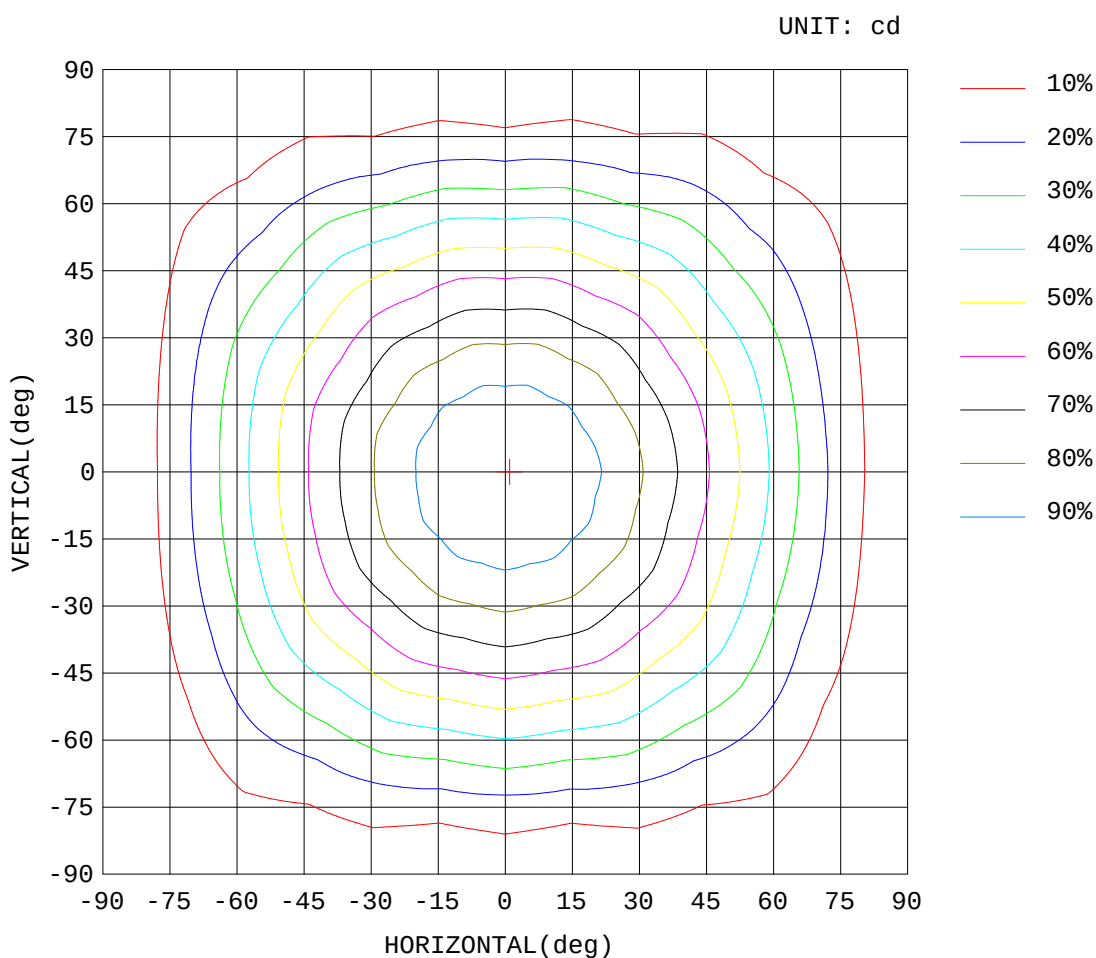
Temperature:25.3'C
 Operators:
 Test Date:09-01-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 92Ra. 0.7% Flickering. Temp 37.1

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 30W 3000K 2760lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2979	DIMENSION: 224x224x30	SERIAL No.:



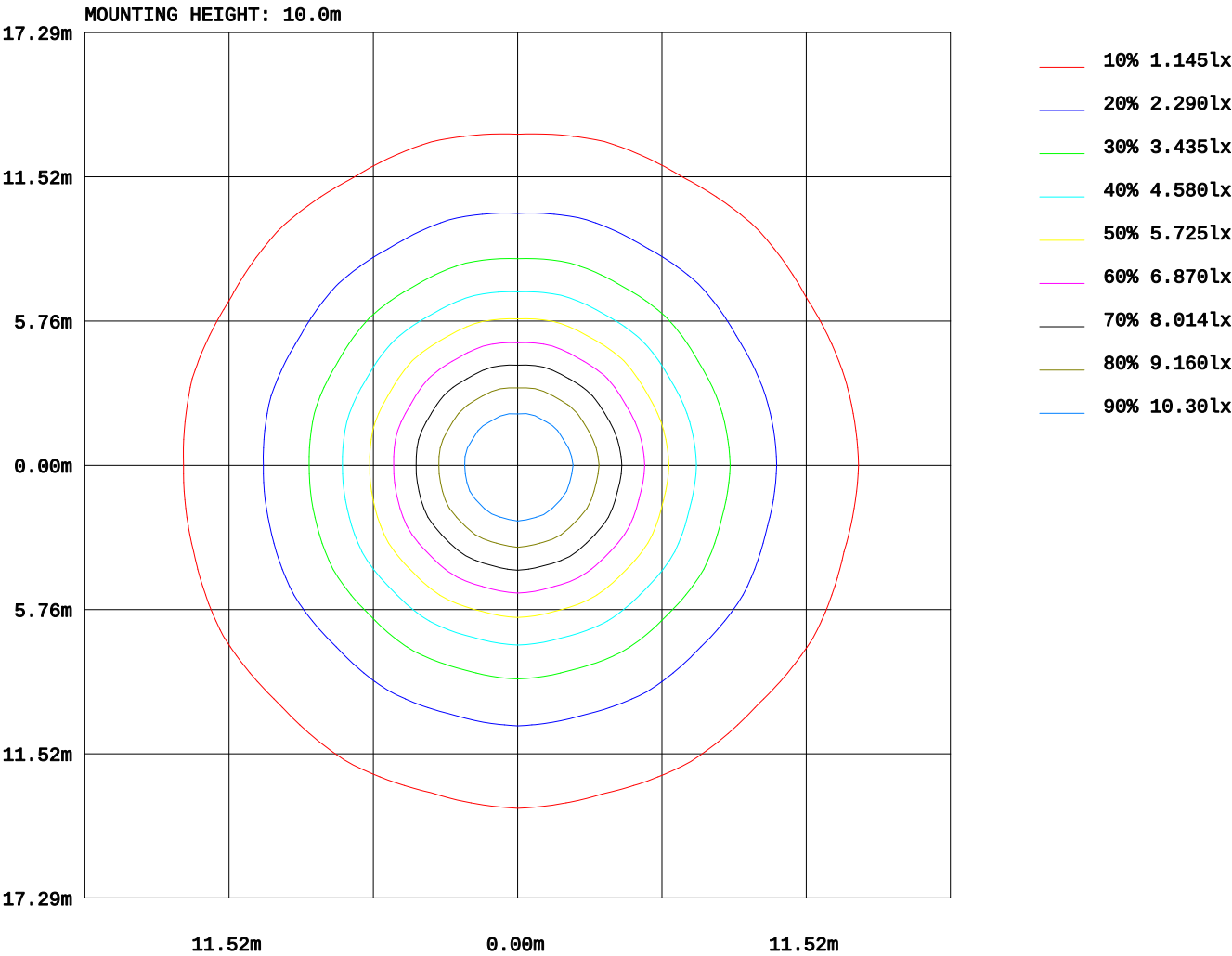
Temperature:25.3'C
Operators:
Test Date:09-01-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 92Ra. 0.7% Flickering. Temp 37.1

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 30W 3000K 2760lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2979	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: 92Ra. 0.7% Flickering. Temp 37.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:															
Address:															
NAME: Seiling 30W 3000K 2760lm 90Ra IP54								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 2979				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	1145	1144	1143	1143	1143	1143	1142	1143	1142	1142	1142	1143	1145	1144	1143
5.0	1140	1138	1140	1138	1140	1138	1139	1137	1139	1136	1137	1135	1136	1136	1133
10.0	1122	1118	1122	1119	1123	1119	1122	1118	1121	1116	1118	1113	1113	1115	1109
15.0	1090	1085	1092	1087	1094	1088	1093	1086	1091	1083	1087	1079	1077	1081	1072
20.0	1046	1040	1049	1042	1051	1043	1050	1041	1047	1038	1043	1033	1030	1035	1025
25.0	991	983	995	987	997	988	997	986	993	981	988	975	972	978	965
30.0	928	920	933	924	936	925	935	923	931	918	925	911	905	914	898
35.0	856	847	862	852	865	853	864	850	860	845	854	837	832	841	825
40.0	779	768	785	773	789	775	788	772	783	766	776	758	753	762	745
45.0	699	687	705	693	709	694	708	691	704	685	696	677	669	682	661
50.0	614	601	621	607	625	609	624	606	620	600	612	591	585	597	577
55.0	528	514	535	520	539	522	538	519	534	513	526	504	498	510	489
60.0	442	428	449	434	454	436	453	433	449	427	441	418	410	425	401
65.0	355	340	362	346	367	348	366	346	362	340	355	331	325	338	315
70.0	270	247	278	253	281	254	282	253	280	248	272	239	233	254	224
75.0	195	168	200	174	203	175	202	174	202	171	196	161	154	181	146
80.0	120	95.0	125	101	129	101	129	100	128	98.2	121	89.2	84.5	106	78.5
85.0	51.8	30.8	58.2	38.0	61.7	36.3	60.1	35.2	60.3	36.0	54.9	27.2	23.1	41.2	22.0
90.0	10.7	2.80	12.0	3.20	13.6	3.30	12.4	3.10	12.9	2.90	11.1	2.70	3.10	10.0	2.90
95.0	9.09	3.20	9.00	3.20	9.09	3.20	9.00	3.20	9.09	3.20	9.00	3.30	3.70	9.00	3.40
100.0	8.60	3.80	8.60	3.70	8.60	3.70	8.60	3.80	8.60	3.80	8.60	3.80	4.20	8.60	4.00
105.0	8.50	4.30	8.40	4.30	8.50	4.30	8.40	4.30	8.50	4.40	8.50	4.40	4.90	8.60	4.60
110.0	8.60	4.90	8.50	4.90	8.50	4.90	8.50	4.90	8.50	5.00	8.50	5.00	5.50	8.60	5.20
115.0	8.70	5.60	8.60	5.60	8.70	5.60	8.60	5.60	8.70	5.60	8.70	5.60	6.20	8.90	5.80
120.0	9.00	6.30	8.90	6.20	8.90	6.20	8.90	6.30	8.90	6.20	8.90	6.30	6.90	9.09	6.50
125.0	9.30	6.90	9.20	6.80	9.30	6.90	9.30	6.90	9.20	6.90	9.30	7.00	7.60	9.50	7.20
130.0	9.70	7.50	9.60	7.50	9.60	7.60	9.60	7.60	9.60	7.50	9.60	7.60	8.29	9.90	7.90
135.0	10.1	8.20	10.0	8.20	10.0	8.20	10.0	8.20	10.0	8.20	10.1	8.20	8.90	10.3	8.50
140.0	10.5	8.80	10.4	8.80	10.4	8.80	10.4	8.70	10.4	8.80	10.5	8.90	9.50	10.8	9.09
145.0	10.9	9.30	10.7	9.30	10.8	9.40	10.8	9.30	10.8	9.40	10.7	9.40	10.1	11.0	9.70
150.0	11.2	9.80	11.0	9.80	11.1	10.0	11.2	9.80	11.1	9.80	11.1	10.0	10.5	11.4	10.1
155.0	11.5	10.4	11.4	10.3	11.5	10.5	11.5	10.3	11.4	10.3	11.5	10.5	11.0	11.8	10.5
160.0	11.9	10.8	11.7	10.8	11.8	10.9	11.9	10.7	11.7	10.7	11.8	11.0	11.5	12.1	10.9
165.0	12.2	11.2	12.0	11.1	12.1	11.3	12.2	11.1	12.0	11.2	12.1	11.4	11.9	12.4	11.3
170.0	12.6	11.5	12.2	11.5	12.3	11.7	12.5	11.5	12.3	11.5	12.4	11.7	12.3	12.6	11.5
175.0	12.8	11.8	12.4	11.8	12.5	11.9	12.8	11.8	12.5	11.8	12.5	11.9	12.7	12.7	11.8
180.0	12.9	12.2	12.5	12.0	12.5	12.1	12.8	12.1	12.5	12.1	12.6	12.1	13.0	12.6	12.0

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: 92Ra. 0.7% Flickering. Temp 37.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 30W 3000K 2760lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2979	DIMENSION: 224x224x30	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1143	1143	1143	1142	1143	1142	1142	1142	1143
5.0	1135	1132	1134	1132	1134	1132	1135	1133	1137
10.0	1113	1108	1112	1107	1112	1108	1114	1111	1116
15.0	1078	1070	1077	1069	1078	1071	1080	1075	1084
20.0	1031	1022	1030	1021	1030	1024	1034	1028	1039
25.0	973	962	972	962	973	965	977	970	983
30.0	909	895	907	894	908	897	913	903	920
35.0	835	821	833	821	835	824	840	831	847
40.0	757	741	755	741	756	744	762	752	770
45.0	676	657	674	657	675	661	681	668	690
50.0	591	573	589	572	590	577	597	584	605
55.0	504	485	502	484	504	489	510	497	519
60.0	419	396	416	396	418	401	425	409	434
65.0	331	311	329	311	331	316	339	324	347
70.0	247	219	244	220	247	225	255	233	263
75.0	175	142	173	142	176	148	183	155	190
80.0	103	75.4	99.5	75.1	103	80.2	110	86.4	115
85.0	40.0	19.7	36.7	18.0	38.4	22.1	45.1	27.2	47.4
90.0	9.80	2.90	9.70	2.80	9.70	2.90	10.0	2.90	10.4
95.0	8.90	3.40	8.80	3.30	8.80	3.30	8.90	3.30	8.90
100.0	8.60	3.90	8.50	3.90	8.50	3.90	8.60	3.90	8.60
105.0	8.50	4.60	8.50	4.50	8.40	4.50	8.50	4.50	8.50
110.0	8.60	5.20	8.60	5.10	8.60	5.20	8.50	5.10	8.50
115.0	8.80	5.90	8.80	5.80	8.80	5.80	8.80	5.80	8.70
120.0	9.09	6.50	9.09	6.50	9.09	6.50	9.00	6.40	9.00
125.0	9.40	7.10	9.40	7.10	9.40	7.10	9.40	7.10	9.40
130.0	9.80	7.80	9.80	7.80	9.80	7.80	9.80	7.70	9.80
135.0	10.2	8.40	10.2	8.40	10.2	8.40	10.1	8.29	10.2
140.0	10.5	9.00	10.5	9.00	10.5	9.00	10.5	8.90	10.5
145.0	11.0	9.60	10.8	9.50	10.9	9.60	11.0	9.50	11.0
150.0	11.3	9.90	11.2	10.0	11.3	9.90	11.3	10.0	11.2
155.0	11.5	10.4	11.5	10.5	11.7	10.4	11.5	10.3	11.5
160.0	11.8	10.8	11.8	10.9	12.0	10.9	11.8	10.8	11.8
165.0	12.1	11.2	12.1	11.3	12.3	11.3	12.1	11.2	12.1
170.0	12.3	11.5	12.3	11.7	12.5	11.5	12.3	11.5	12.3
175.0	12.5	11.8	12.5	12.0	12.6	11.8	12.5	11.8	12.5
180.0	12.5	12.0	12.5	12.3	12.6	12.0	12.5	12.0	12.6

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: 92Ra. 0.7% Flickering. Temp 37.1