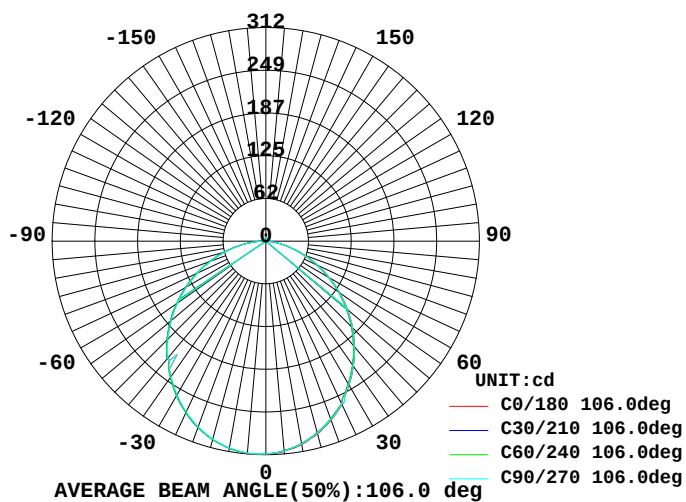


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 3000K 900lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2988	DIMENSION: 138x138x30	SERIAL No.:

MODEL:		Imax(cd):	311.6	Effective Flux(lm):	840.4
NOMINAL POWER(W):	9	MAXIMUM(C, γ):	0, 3.0	EEI	0.137
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.5
NOMINAL FLUX(lm):	840.4	η street_up(%):	1.2	Current(A)	0.044
TEST FLUX(lm):	840.4	η street_down(%):	50.2	Power(W)	9.140
LAMPS QUANTITY:	1	η house_up(%):	1.3	Power Factor	0.937
TOTAL RADIANT(mw):	840.4	η house_down(%):	47.3	EEFICIENCY(lm/W)	91.9



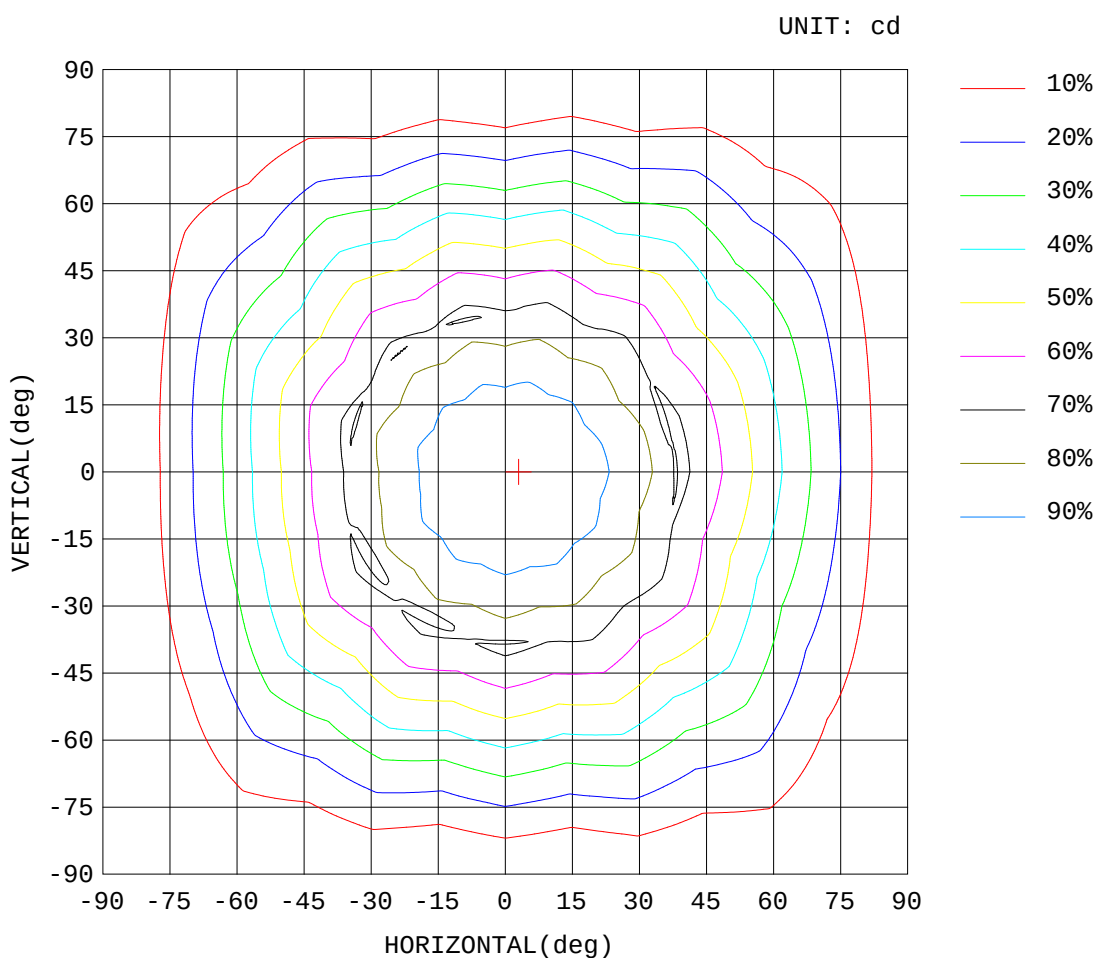
Temperature: 25.3°C
 Operators:
 Test Date: 28-12-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 92Ra. 0.2% Flickering. Temp 36.1

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 3000K 900lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2988	DIMENSION: 138x138x30	SERIAL No.:



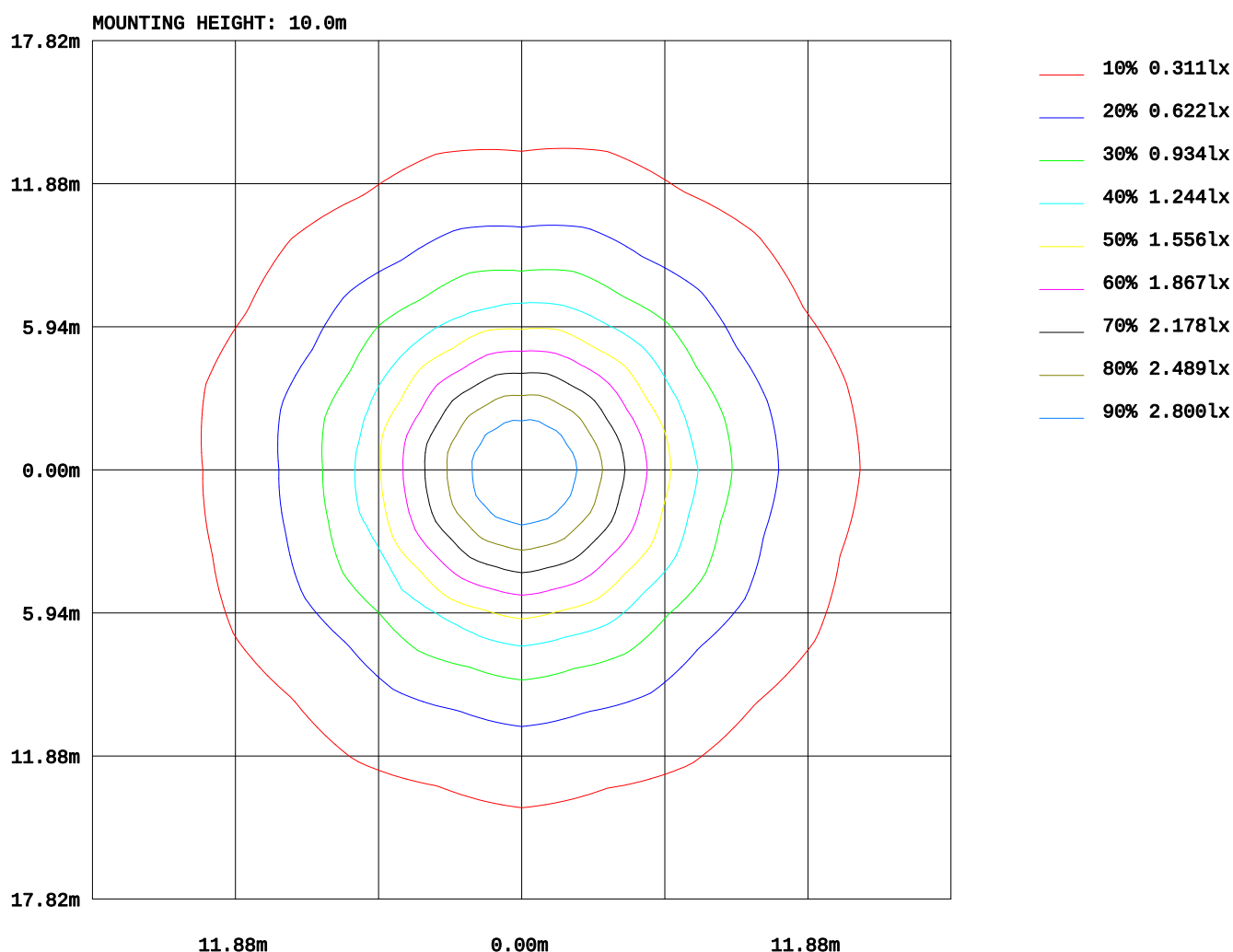
Temperature:25.3'C
Operators:
Test Date:28-12-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 92Ra. 0.2% Flickering. Temp 36.1

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 3000K 900lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2988	DIMENSION: 138x138x30	SERIAL No.:



Temperature: 25.3°C
Operators:
Test Date: 28-12-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 92Ra. 0.2% Flickering. Temp 36.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 3000K 900lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2988	DIMENSION: 138x138x30	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	311	311	310	311	311	311	310	311	311	311	311	311	311	311	310
5.0	311	310	310	310	311	310	310	309	310	309	309	308	308	308	307
10.0	307	305	307	305	307	305	306	304	305	303	304	301	301	302	300
15.0	300	297	300	298	300	297	299	296	298	294	296	292	291	293	289
20.0	289	285	289	286	289	286	288	284	287	282	284	279	278	281	276
25.0	275	272	276	272	276	271	275	270	273	267	270	264	263	266	262
30.0	260	253	261	254	261	253	259	251	257	248	253	245	243	249	240
35.0	242	234	243	235	243	234	241	232	219	228	196	225	223	214	221
40.0	223	214	224	215	224	214	222	211	220	207	216	203	202	211	199
45.0	203	192	204	193	204	192	202	189	199	185	195	182	179	189	176
50.0	180	169	182	171	182	169	180	166	176	162	172	158	156	166	153
55.0	157	146	159	147	159	146	157	143	153	138	149	134	132	143	129
60.0	134	122	136	123	136	122	133	119	129	115	125	110	108	119	105
65.0	110	98.0	111	99.0	111	97.6	109	94.7	105	90.5	101	86.4	84.4	94.8	81.5
70.0	85.5	74.5	87.1	75.1	87.5	73.9	84.6	71.0	81.0	67.0	77.4	63.2	61.4	71.1	58.6
75.0	62.4	52.1	64.0	53.1	63.9	51.8	61.6	49.0	58.2	45.5	54.4	41.9	39.7	49.0	37.2
80.0	39.7	30.5	41.7	32.2	41.7	30.5	39.2	28.0	36.5	25.2	32.9	21.6	20.2	27.9	18.4
85.0	19.4	11.5	21.6	13.6	21.9	11.7	19.3	9.09	16.4	7.10	13.4	4.50	4.10	9.90	3.20
90.0	5.60	1.50	6.70	1.80	6.90	1.40	5.30	1.30	5.30	1.30	5.00	1.30	1.70	4.90	1.30
95.0	4.90	1.40	4.80	1.40	4.70	1.30	4.70	1.40	4.60	1.40	4.60	1.40	1.80	4.50	1.60
100.0	4.50	1.60	4.50	1.60	4.40	1.50	4.40	1.50	4.30	1.60	4.30	1.60	2.00	4.30	1.70
105.0	4.30	1.80	4.30	1.70	4.20	1.70	4.10	1.70	4.10	1.80	4.10	1.80	2.20	4.20	1.90
110.0	4.20	2.00	4.10	2.00	4.10	1.90	4.00	1.90	4.00	2.00	4.10	2.00	2.40	4.10	2.10
115.0	4.10	2.20	4.10	2.20	4.00	2.10	3.90	2.10	4.10	2.20	4.00	2.20	2.60	4.10	2.40
120.0	4.10	2.30	4.10	2.30	4.00	2.30	3.90	2.30	4.10	2.30	4.00	2.30	2.80	4.10	2.60
125.0	4.10	2.60	4.00	2.50	4.00	2.40	4.00	2.40	4.00	2.50	4.00	2.50	3.00	4.00	2.80
130.0	4.10	2.80	4.10	2.70	4.00	2.60	4.00	2.70	4.10	2.80	4.10	2.80	3.30	4.20	3.00
135.0	4.20	2.90	4.20	2.90	4.10	2.80	4.00	2.90	4.10	3.00	4.20	3.00	3.40	4.20	3.10
140.0	4.20	3.10	4.20	3.10	4.10	3.00	4.10	3.10	4.20	3.10	4.20	3.10	3.60	4.20	3.30
145.0	4.30	3.20	4.30	3.30	4.20	3.20	4.10	3.20	4.30	3.30	4.30	3.20	3.80	4.20	3.50
150.0	4.30	3.40	4.20	3.30	4.20	3.40	4.20	3.30	4.20	3.40	4.20	3.40	3.90	4.30	3.50
155.0	4.40	3.50	4.20	3.50	4.20	3.50	4.30	3.50	4.20	3.40	4.20	3.50	4.00	4.40	3.60
160.0	4.40	3.70	4.30	3.60	4.30	3.60	4.30	3.60	4.30	3.60	4.30	3.70	4.20	4.40	3.70
165.0	4.50	3.80	4.30	3.70	4.30	3.80	4.40	3.70	4.30	3.70	4.40	3.80	4.30	4.40	3.80
170.0	4.50	3.90	4.40	3.80	4.40	3.90	4.40	3.80	4.30	3.80	4.40	3.90	4.50	4.50	3.90
175.0	4.60	4.00	4.40	3.90	4.40	4.00	4.40	3.90	4.40	3.90	4.30	3.90	4.50	4.40	3.90
180.0	4.60	4.20	4.40	4.10	4.30	4.00	4.40	4.00	4.30	4.00	4.30	4.00	4.80	4.40	4.10

Temperature:25.3'C
Operators:
Test Date:28-12-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 92Ra. 0.2% Flickering. Temp 36.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 3000K 900lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2988	DIMENSION: 138x138x30	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	311	311	311	310	311	311	311	311	311
5.0	308	307	308	307	309	308	309	309	310
10.0	302	300	302	300	303	302	304	303	306
15.0	293	290	293	290	295	292	296	294	298
20.0	280	276	281	278	283	280	284	282	287
25.0	265	262	266	263	268	265	270	267	273
30.0	248	240	249	242	251	245	254	248	257
35.0	216	221	214	222	228	226	235	229	239
40.0	210	199	211	201	213	205	217	208	220
45.0	188	177	189	179	192	182	196	186	200
50.0	165	154	167	156	169	159	173	164	177
55.0	142	129	143	132	146	135	150	140	154
60.0	118	105	119	107	122	111	126	116	131
65.0	93.5	81.5	94.7	83.7	97.8	87.6	102	92.0	107
70.0	69.5	58.3	70.7	60.6	74.0	64.5	78.4	68.8	82.5
75.0	47.5	36.8	48.4	38.9	51.5	42.5	55.9	46.7	59.7
80.0	27.0	18.2	27.7	20.0	30.5	23.0	34.2	26.3	37.5
85.0	9.60	3.20	10.0	4.10	11.9	5.70	14.4	7.80	16.5
90.0	4.90	1.30	4.90	1.30	4.90	1.40	5.10	1.30	5.40
95.0	4.50	1.50	4.50	1.40	4.50	1.50	4.60	1.40	4.60
100.0	4.30	1.70	4.30	1.60	4.30	1.60	4.30	1.60	4.30
105.0	4.10	1.90	4.10	1.80	4.10	1.80	4.20	1.80	4.20
110.0	4.10	2.10	4.10	2.00	4.10	2.00	4.10	2.00	4.10
115.0	4.10	2.30	4.00	2.20	4.00	2.20	4.10	2.20	4.10
120.0	4.10	2.50	4.00	2.40	4.00	2.50	4.10	2.40	4.00
125.0	4.10	2.70	4.10	2.60	4.00	2.70	4.10	2.60	4.10
130.0	4.20	2.90	4.20	2.80	4.10	2.90	4.10	2.80	4.20
135.0	4.30	3.10	4.30	3.00	4.20	3.10	4.20	3.00	4.20
140.0	4.30	3.30	4.30	3.10	4.20	3.20	4.30	3.20	4.30
145.0	4.40	3.40	4.30	3.30	4.20	3.40	4.30	3.40	4.30
150.0	4.40	3.50	4.20	3.40	4.30	3.40	4.40	3.50	4.20
155.0	4.30	3.50	4.30	3.50	4.30	3.50	4.30	3.50	4.30
160.0	4.30	3.60	4.30	3.60	4.40	3.60	4.30	3.60	4.30
165.0	4.40	3.70	4.40	3.80	4.40	3.80	4.30	3.70	4.30
170.0	4.40	3.80	4.30	3.90	4.40	3.90	4.40	3.80	4.40
175.0	4.40	3.90	4.40	4.00	4.40	3.90	4.40	3.90	4.40
180.0	4.30	4.00	4.40	4.10	4.30	4.00	4.30	4.00	4.40

Temperature:25.3'C
Operators:
Test Date:28-12-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 92Ra. 0.2% Flickering. Temp 36.1