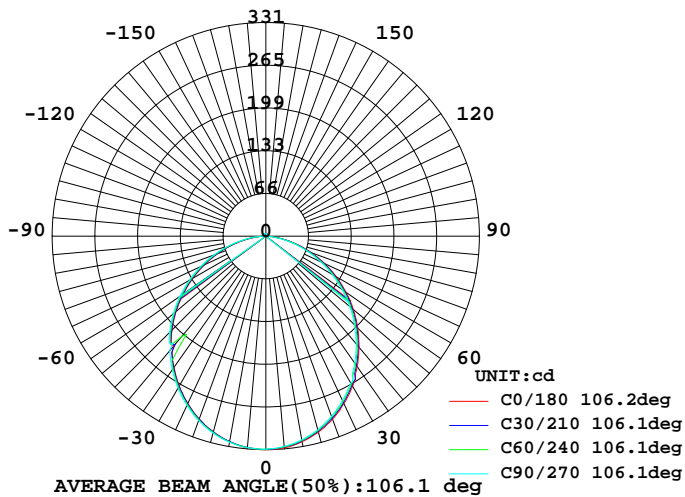


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 920Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4022	DIMENSION: 138x138x30	SERIAL No.:

MODEL:		I _{max} (cd):	331.3	Effective Flux(lm):	891.7
NOMINAL POWER(W):	9	MAXIMUM(C, γ):	0, 1.0	EET	0.127
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	891.7	η street_up(%):	1.2	Current(A)	0.043
TEST FLUX(lm):	891.7	η street_down(%):	49.2	Power(W)	8.920
LAMPS QUANTITY:	1	η house_up(%):	1.2	Power Factor	0.934
TOTAL RADIANT(mw):	891.7	η house_down(%):	48.4	EFFICIENCY(lm/W)	100.0



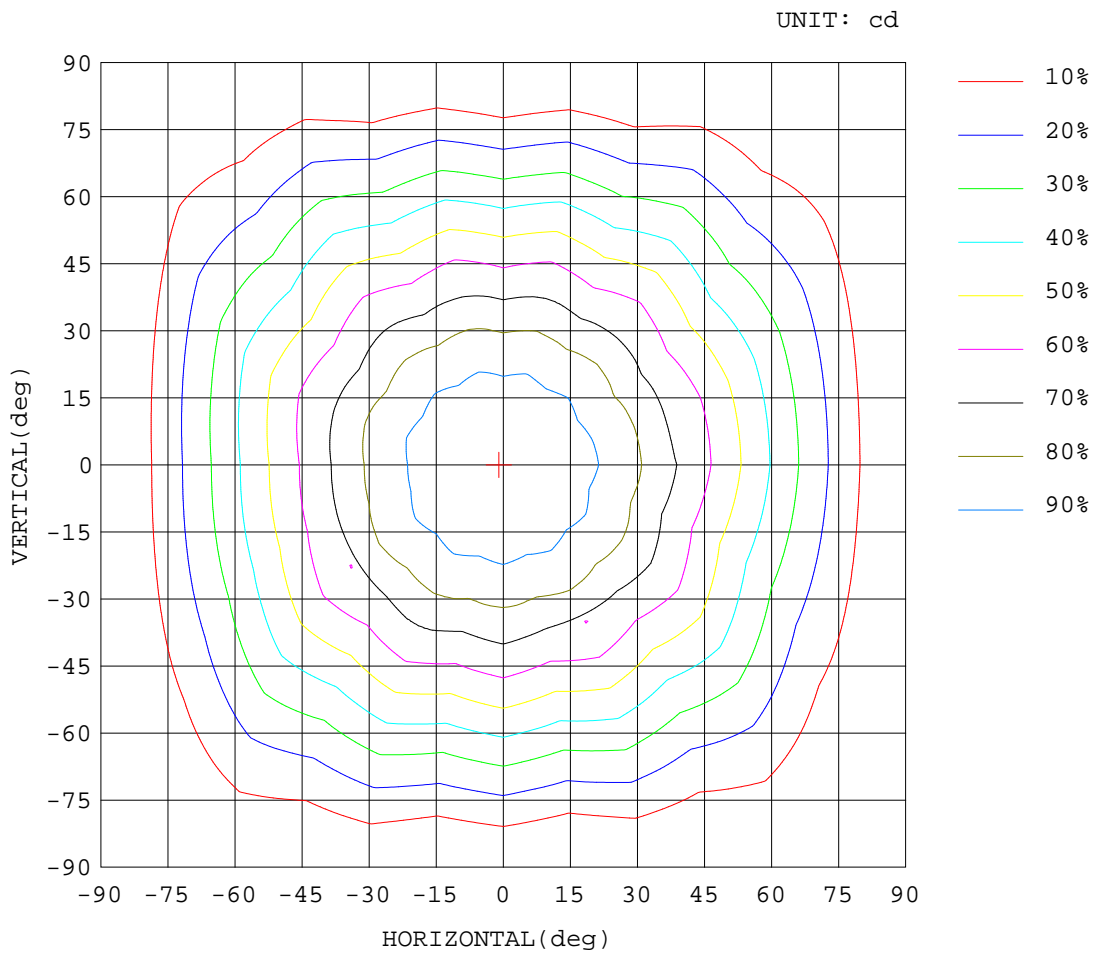
Temperature: 25.3 °C
 Operators:
 Test Date: 08-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 91Ra. 0.3% Flickering. Temp 38.1

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 920Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4022	DIMENSION: 138x138x30	SERIAL No.:



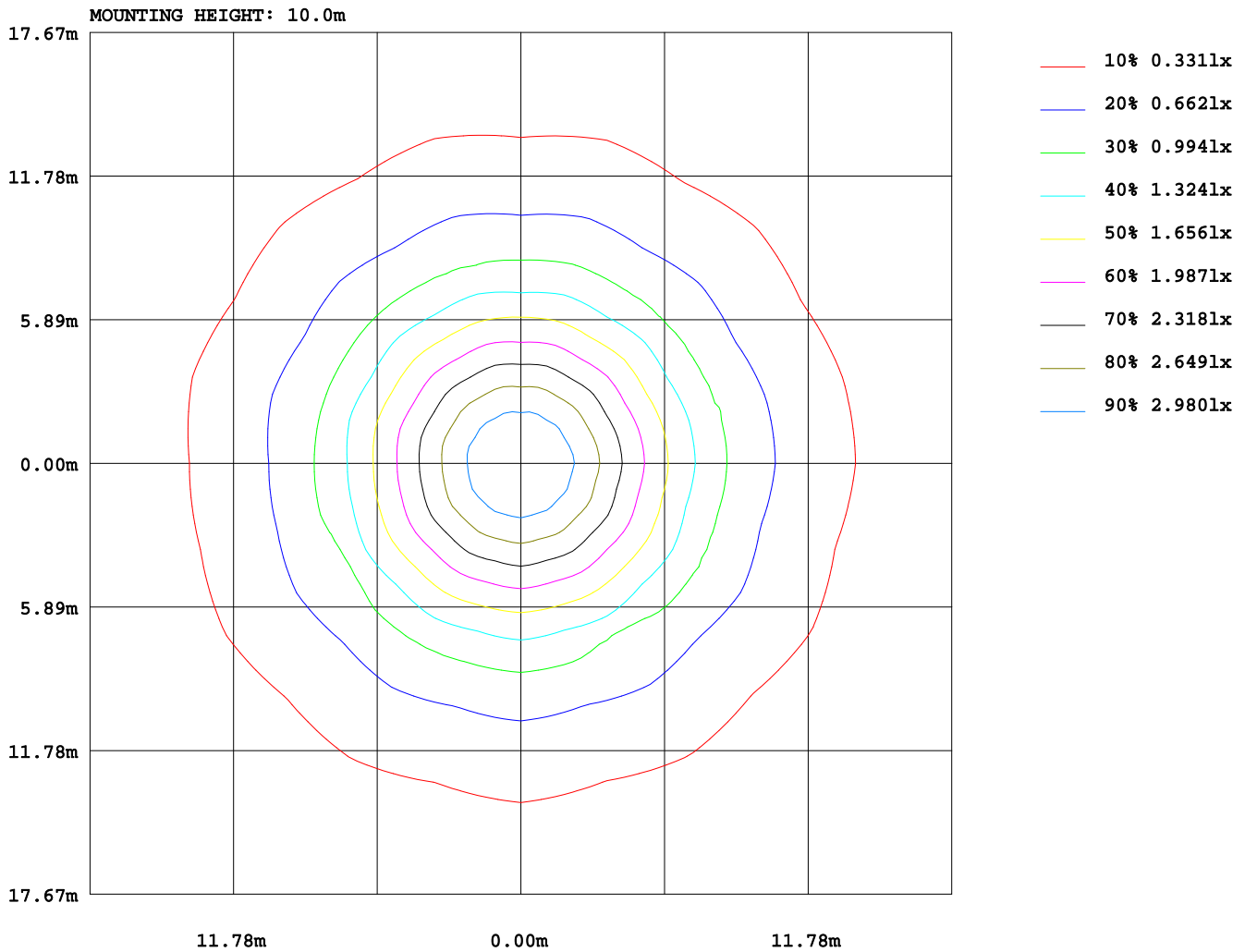
Temperature: 25.3 °C
 Operators:
 Test Date: 08-07-2022

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 91Ra. 0.3% Flickering. Temp 38.1

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 920Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4022	DIMENSION: 138x138x30	SERIAL No.:



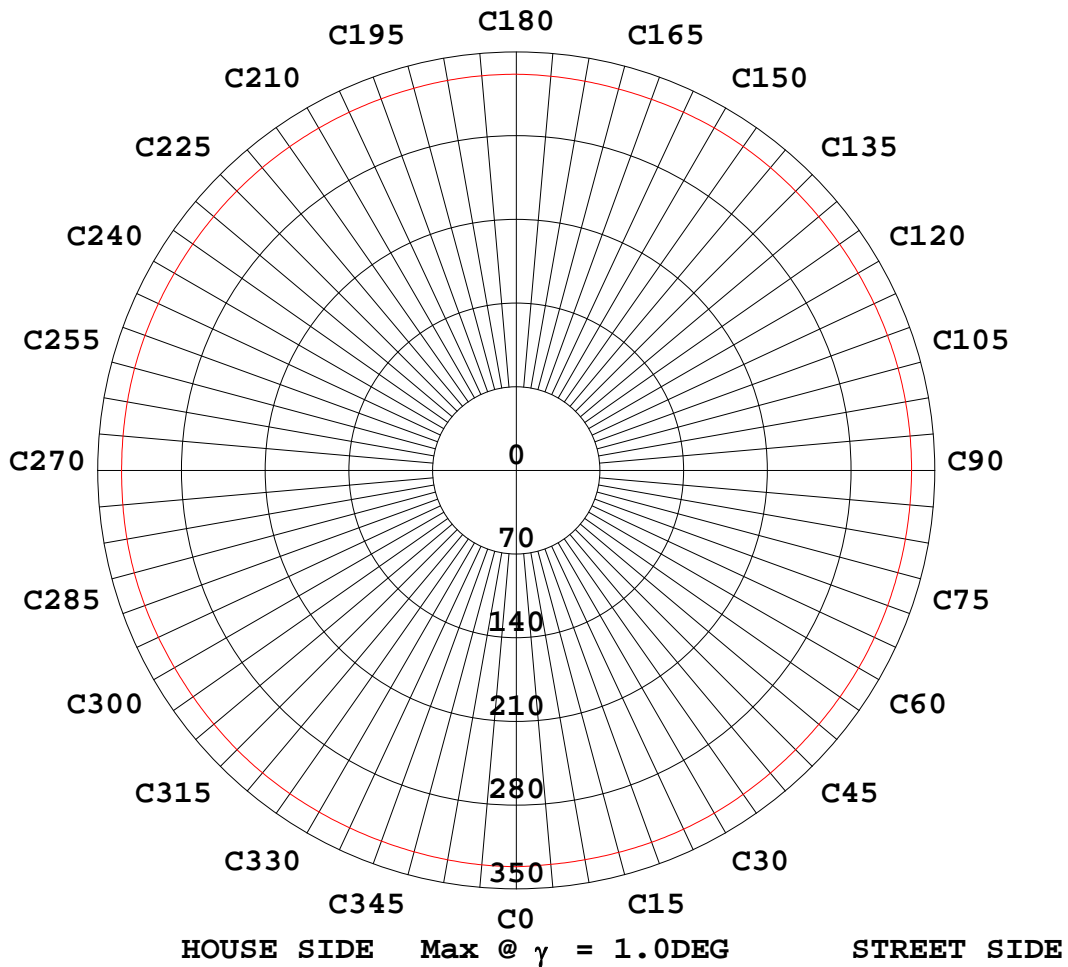
Temperature: 25.3°C
 Operators:
 Test Date: 08-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 91Ra. 0.3% Flickering. Temp 38.1

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 920Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4022	DIMENSION: 138x138x30	SERIAL No.:



Temperature: 25.3 °C
 Operators:
 Test Date: 08-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 91Ra. 0.3% Flickering. Temp 38.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 920Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4022	DIMENSION: 138x138x30	SERIAL No.:

UNIT: cd

γ (deg)	C(deg)														
	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	331	331	331	331	331	331	331	331	330	331	331	330	331	331	331
5.0	330	328	329	328	329	329	329	328	330	329	330	329	330	330	328
10.0	324	321	324	322	324	323	325	323	325	324	326	324	324	326	323
15.0	314	311	315	312	315	313	316	314	317	315	318	314	315	317	313
20.0	302	298	302	299	303	300	305	301	305	302	307	302	302	305	301
25.0	287	282	287	283	288	285	290	286	291	287	292	287	287	291	285
30.0	268	264	269	265	271	267	272	268	274	269	275	269	269	273	267
35.0	249	240	250	242	251	244	253	246	255	247	256	247	247	254	245
40.0	222	218	219	220	203	222	232	224	234	226	196	226	225	227	223
45.0	206	194	207	196	209	198	211	201	213	202	214	202	202	212	200
50.0	182	169	183	171	185	174	188	176	190	178	191	178	177	188	175
55.0	157	144	158	146	160	149	163	151	165	153	166	153	152	164	150
60.0	131	118	132	120	134	123	137	126	139	127	140	127	127	138	124
65.0	105	92.2	107	94.3	109	97.0	112	99.6	114	102	115	101	101	112	98.5
70.0	79.5	67.9	80.8	69.8	83.3	72.5	86.1	75.3	88.5	77.0	89.3	76.2	75.5	87.0	74.0
75.0	55.0	44.2	56.1	46.0	58.4	48.2	61.0	51.0	63.7	52.7	63.7	51.0	50.3	61.0	49.5
80.0	32.2	22.4	33.5	24.4	35.5	25.6	37.4	28.0	40.5	30.1	39.7	27.5	26.8	36.2	26.9
85.0	12.0	4.90	12.9	6.30	14.5	7.10	16.0	9.09	19.0	11.3	18.1	8.29	7.10	15.6	8.40
90.0	5.10	1.20	5.00	1.10	5.10	1.10	5.10	1.20	5.70	1.30	5.70	1.20	1.50	5.40	1.20
95.0	4.60	1.40	4.50	1.30	4.50	1.20	4.50	1.30	4.60	1.30	4.60	1.20	1.70	4.60	1.40
100.0	4.30	1.60	4.30	1.50	4.20	1.50	4.20	1.40	4.30	1.50	4.30	1.40	1.90	4.30	1.60
105.0	4.20	1.80	4.10	1.80	4.10	1.70	4.00	1.60	4.10	1.70	4.10	1.60	2.10	4.20	1.80
110.0	4.10	2.00	4.00	2.00	4.00	2.00	3.90	1.90	4.00	1.90	4.00	1.80	2.30	4.10	2.00
115.0	4.00	2.20	4.00	2.20	4.00	2.20	3.90	2.10	4.00	2.10	4.00	2.00	2.50	4.10	2.20
120.0	4.10	2.40	4.00	2.40	4.00	2.30	3.90	2.20	4.00	2.30	4.00	2.20	2.70	4.00	2.40
125.0	4.10	2.70	4.00	2.60	4.00	2.50	3.90	2.50	4.00	2.60	4.00	2.40	2.90	4.00	2.70
130.0	4.10	2.90	4.10	2.80	4.10	2.80	4.00	2.80	4.10	2.80	4.10	2.60	3.20	4.10	2.90
135.0	4.20	3.00	4.20	3.00	4.20	3.10	4.00	2.90	4.10	3.00	4.10	2.80	3.40	4.30	3.10
140.0	4.30	3.20	4.30	3.20	4.20	3.20	4.10	3.00	4.20	3.20	4.30	3.00	3.60	4.30	3.30
145.0	4.30	3.30	4.30	3.40	4.30	3.20	4.10	3.20	4.30	3.40	4.30	3.20	3.80	4.30	3.50
150.0	4.40	3.50	4.20	3.40	4.20	3.40	4.20	3.30	4.20	3.30	4.20	3.40	3.90	4.30	3.50
155.0	4.40	3.60	4.30	3.50	4.20	3.60	4.20	3.50	4.20	3.50	4.30	3.50	4.10	4.40	3.60
160.0	4.50	3.80	4.30	3.70	4.40	3.70	4.30	3.60	4.30	3.70	4.30	3.70	4.30	4.40	3.70
165.0	4.50	3.90	4.40	3.80	4.40	3.80	4.40	3.70	4.30	3.70	4.40	3.80	4.40	4.50	3.80
170.0	4.60	4.00	4.40	3.90	4.40	3.90	4.40	3.90	4.40	3.90	4.40	4.00	4.60	4.50	4.00
175.0	4.60	4.10	4.40	4.00	4.40	4.00	4.50	4.00	4.40	3.90	4.40	4.00	4.60	4.50	4.00
180.0	4.60	4.20	4.40	4.10	4.40	4.10	4.40	4.10	4.40	4.10	4.40	4.10	4.90	4.40	4.10

Temperature: 25.3 °C
 Operators:
 Test Date: 08-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 91Ra. 0.3% Flickering. Temp 38.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 10W 920Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4022	DIMENSION: 138x138x30	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	331	331	331	331	331	330	331	331	330
5.0	329	328	329	328	328	327	328	327	328
10.0	324	322	323	321	323	320	322	320	322
15.0	316	312	315	311	314	310	313	310	313
20.0	304	299	302	298	301	296	300	296	300
25.0	289	283	288	281	286	280	285	280	285
30.0	272	266	270	263	268	263	267	263	266
35.0	252	243	249	240	248	239	246	238	246
40.0	222	221	216	218	223	217	224	216	224
45.0	210	197	208	195	205	193	204	192	204
50.0	186	173	183	170	181	168	180	167	179
55.0	162	148	159	145	157	143	155	142	155
60.0	136	122	133	119	131	117	129	116	129
65.0	110	96.0	107	93.5	105	91.5	104	90.5	103
70.0	85.0	71.5	82.4	69.1	80.2	67.5	78.7	66.5	78.3
75.0	60.2	47.7	57.5	45.1	55.5	44.1	54.5	43.3	54.0
80.0	37.0	25.6	33.8	23.0	32.1	22.3	32.0	22.0	31.0
85.0	16.1	6.70	13.0	5.10	12.2	5.30	12.8	5.00	11.5
90.0	5.20	1.10	5.00	1.10	4.90	1.20	4.90	1.20	4.80
95.0	4.60	1.30	4.50	1.30	4.40	1.40	4.50	1.30	4.40
100.0	4.20	1.50	4.20	1.50	4.20	1.60	4.20	1.50	4.10
105.0	4.10	1.70	4.00	1.70	4.10	1.80	4.10	1.80	4.00
110.0	4.00	2.00	3.90	1.90	4.00	2.00	4.00	2.00	4.00
115.0	4.00	2.20	3.90	2.10	4.00	2.20	4.00	2.20	4.00
120.0	4.00	2.40	3.90	2.30	3.90	2.40	4.00	2.30	3.90
125.0	4.00	2.60	4.00	2.50	4.10	2.70	4.00	2.60	3.90
130.0	4.10	2.80	4.10	2.70	4.10	2.80	4.10	2.90	4.00
135.0	4.20	3.10	4.10	2.90	4.20	3.10	4.20	3.00	4.20
140.0	4.20	3.20	4.10	3.10	4.30	3.20	4.20	3.20	4.20
145.0	4.40	3.40	4.10	3.30	4.20	3.40	4.30	3.40	4.30
150.0	4.40	3.40	4.20	3.40	4.30	3.50	4.40	3.60	4.20
155.0	4.30	3.50	4.30	3.60	4.30	3.50	4.30	3.50	4.30
160.0	4.30	3.60	4.30	3.70	4.40	3.70	4.30	3.60	4.30
165.0	4.40	3.80	4.30	3.80	4.40	3.80	4.30	3.80	4.40
170.0	4.40	3.90	4.40	3.90	4.40	3.90	4.30	3.90	4.40
175.0	4.40	4.00	4.40	4.00	4.40	4.00	4.40	3.90	4.40
180.0	4.40	4.10	4.40	4.10	4.40	4.10	4.30	4.10	4.40

Temperature: 25.3 °C
 Operators:
 Test Date: 08-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 91Ra. 0.3% Flickering. Temp 38.1