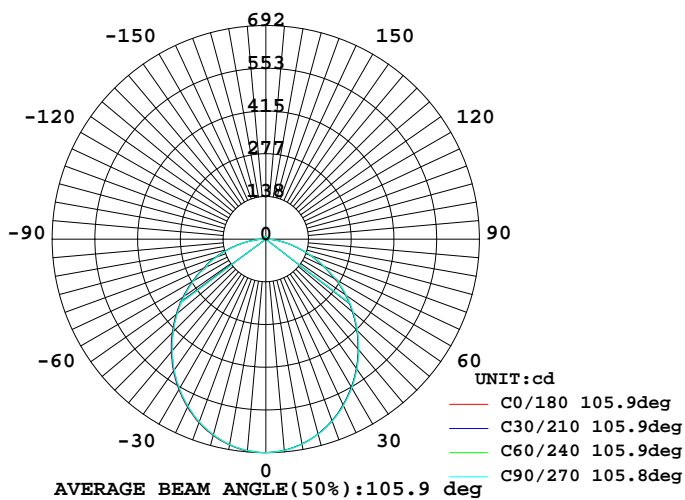


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 1840Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4008	DIMENSION: 190x190x30	SERIAL No.:

MODEL:		Imax(cd):	691.5	Effictive Flux(lm):	1859.6
NOMINAL POWER(W):	18	MAXIMUM(C, γ):	150, 0.0	EEI	0.134
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	1859.6	η street_up(%):	1.0	Current(A)	0.089
TEST FLUX(lm):	1859.6	η street_down(%):	48.7	Power(W)	18.28
LAMPS QUANTITY:	1	η house_up(%):	1.0	Power Factor	0.930
TOTAL RADIANT(mw):	1859.6	η house_down(%):	49.3	EEFFICIENCY(lm/W)	101.7



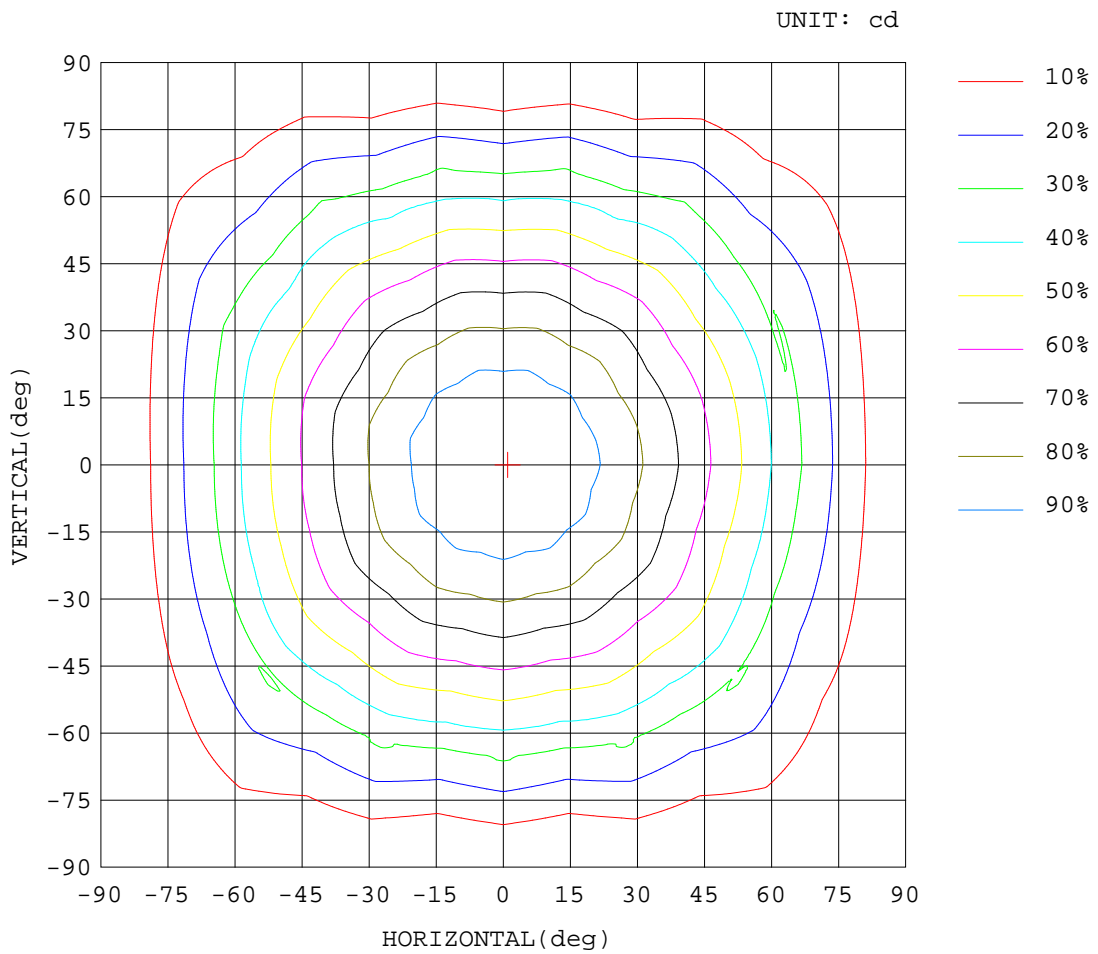
Temperature:25.3'C
 Operators:
 Test Date:08-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 91Ra. 0.2% Flickering. Temp 39.5

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 1840Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4008	DIMENSION: 190x190x30	SERIAL No.:



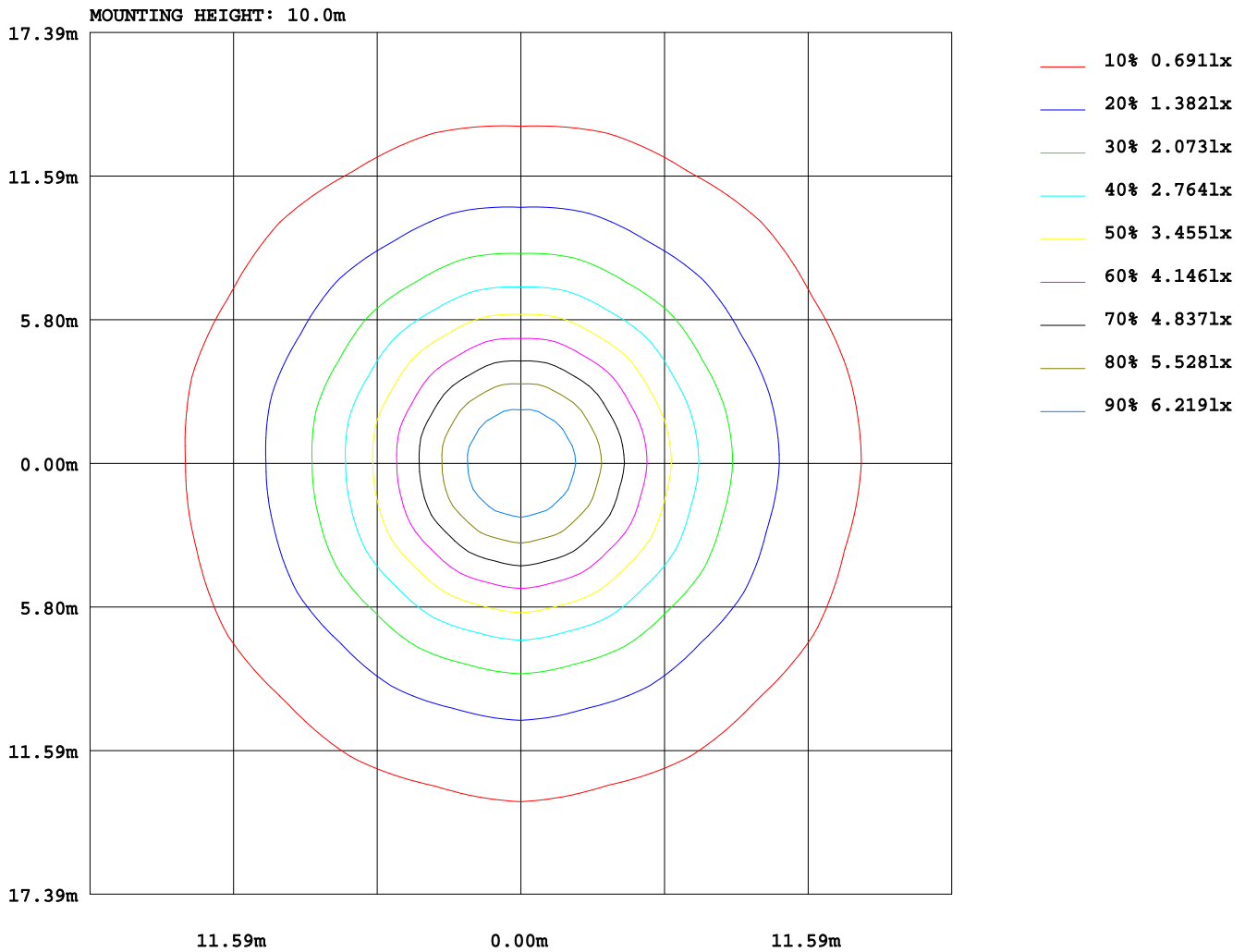
Temperature: 25.3 °C
 Operators:
 Test Date: 08-07-2022

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 91Ra. 0.2% Flickering. Temp 39.5

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 1840Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4008	DIMENSION: 190x190x30	SERIAL No.:



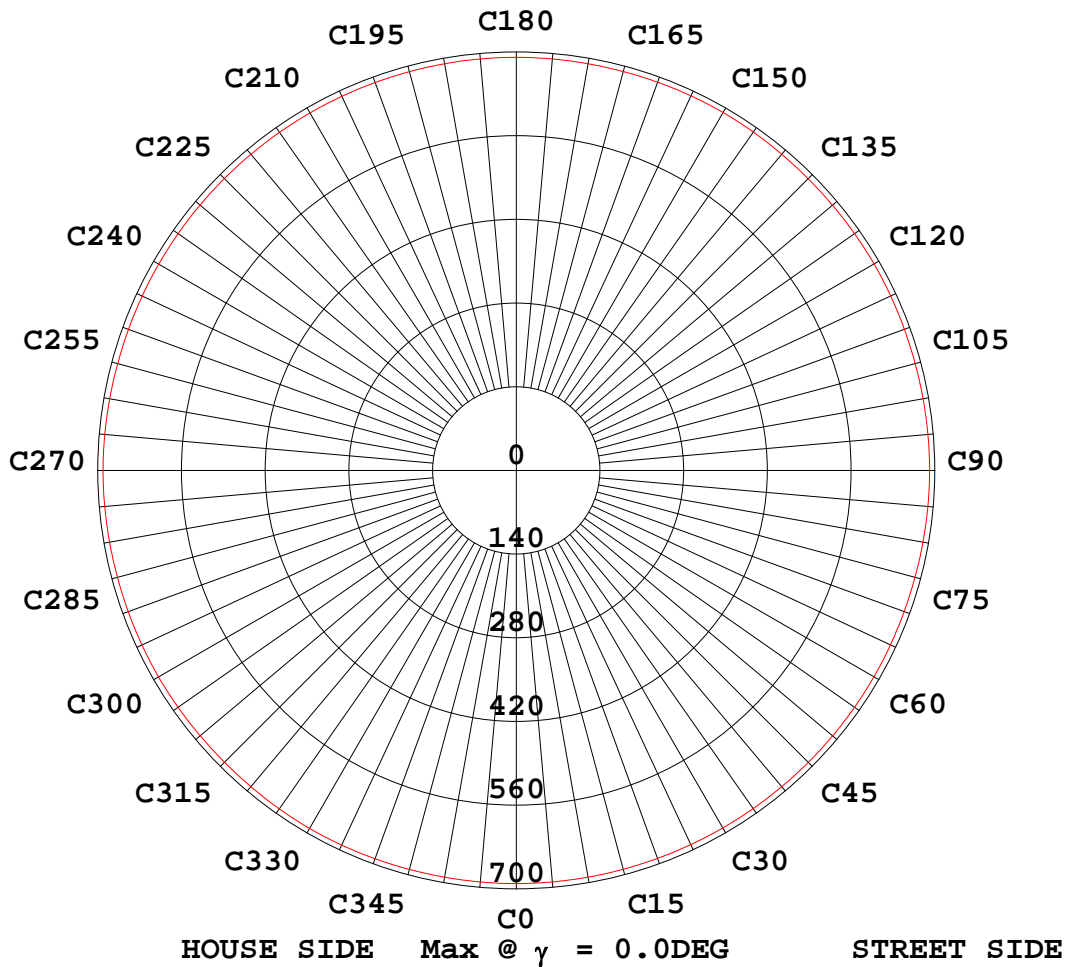
Temperature: 25.3 °C
 Operators:
 Test Date: 08-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 91Ra. 0.2% Flickering. Temp 39.5

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 1840Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4008	DIMENSION: 190x190x30	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. 0.2% Flickering. Temp 39.5

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 1840Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4008	DIMENSION: 190x190x30	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	691	691	691	691	691	690	691	691	691	690	692	691	691	691	691
5.0	688	686	687	685	687	685	687	685	688	685	688	687	686	688	686
10.0	677	673	676	672	675	671	675	672	675	672	676	674	674	676	673
15.0	659	653	657	651	656	651	655	651	657	653	658	654	653	658	653
20.0	633	625	630	624	630	623	629	624	631	625	632	626	626	632	626
25.0	600	592	598	590	597	589	596	590	598	591	600	593	592	599	593
30.0	564	554	561	551	559	551	559	552	561	554	563	555	553	563	554
35.0	522	511	519	508	517	507	517	508	519	510	521	512	511	521	512
40.0	476	464	473	461	471	460	471	461	473	463	475	466	465	476	466
45.0	429	416	427	413	424	412	424	413	426	415	429	418	416	429	417
50.0	379	365	376	363	374	361	373	362	376	364	378	367	366	379	368
55.0	328	313	325	310	322	309	322	310	324	313	327	314	314	327	316
60.0	276	256	273	254	271	252	270	253	273	255	275	273	256	276	272
65.0	223	203	207	201	209	199	211	199	210	202	204	204	204	223	206
70.0	175	151	172	149	170	147	169	147	171	149	173	152	152	175	155
75.0	126	104	123	102	121	99.5	120	99.6	121	102	124	104	103	126	106
80.0	78.0	58.7	76.3	57.4	74.4	55.6	73.0	55.8	74.4	57.4	76.5	59.7	60.0	79.0	62.0
85.0	36.0	19.4	34.7	19.1	34.0	17.6	32.9	18.0	34.5	20.2	36.5	21.7	22.0	37.4	23.5
90.0	8.20	2.00	8.10	1.90	8.00	1.90	7.80	1.90	8.10	1.90	8.40	1.90	2.30	8.70	2.00
95.0	7.20	2.30	7.10	2.20	7.10	2.20	6.90	2.20	7.00	2.30	7.10	2.30	2.60	7.20	2.30
100.0	6.80	2.70	6.70	2.70	6.60	2.70	6.60	2.70	6.70	2.60	6.70	2.60	3.00	6.80	2.70
105.0	6.50	3.10	6.50	3.10	6.50	3.10	6.40	3.10	6.50	3.00	6.50	3.00	3.40	6.60	3.10
110.0	6.50	3.50	6.30	3.50	6.40	3.50	6.30	3.50	6.40	3.50	6.40	3.40	3.80	6.50	3.50
115.0	6.60	4.00	6.50	3.90	6.50	3.80	6.40	3.80	6.50	3.90	6.40	3.80	4.30	6.50	3.90
120.0	6.60	4.40	6.60	4.30	6.60	4.30	6.50	4.30	6.50	4.30	6.50	4.20	4.70	6.60	4.40
125.0	6.80	4.80	6.70	4.70	6.70	4.80	6.60	4.80	6.80	4.70	6.70	4.70	5.10	6.80	4.70
130.0	7.00	5.20	6.90	5.20	6.90	5.20	6.80	5.20	6.90	5.10	6.90	5.00	5.60	7.10	5.20
135.0	7.20	5.50	7.10	5.50	7.20	5.50	7.10	5.60	7.10	5.50	7.10	5.40	6.00	7.20	5.60
140.0	7.30	5.80	7.30	5.90	7.40	5.90	7.20	5.90	7.30	5.90	7.30	5.70	6.40	7.40	6.00
145.0	7.60	6.20	7.40	6.20	7.50	6.20	7.50	6.10	7.50	6.30	7.50	6.10	6.70	7.50	6.30
150.0	7.70	6.50	7.50	6.40	7.60	6.60	7.60	6.40	7.60	6.40	7.50	6.40	7.00	7.70	6.50
155.0	7.90	6.80	7.70	6.70	7.80	6.90	7.80	6.70	7.70	6.70	7.70	6.80	7.30	7.90	6.80
160.0	8.00	7.10	7.80	6.90	7.90	7.20	8.00	7.00	7.90	7.00	7.90	7.10	7.70	8.10	7.00
165.0	8.20	7.30	8.00	7.20	8.00	7.40	8.10	7.20	8.00	7.20	8.10	7.30	8.00	8.20	7.30
170.0	8.40	7.50	8.10	7.40	8.20	7.50	8.29	7.40	8.10	7.40	8.20	7.50	8.20	8.29	7.50
175.0	8.50	7.70	8.20	7.60	8.20	7.70	8.40	7.60	8.20	7.60	8.20	7.70	8.40	8.29	7.60
180.0	8.50	8.00	8.20	7.80	8.20	7.80	8.40	7.80	8.20	7.80	8.20	7.80	8.70	8.29	7.80

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. 0.2% Flickering. Temp 39.5

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 1840Lm 4000K 90Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4008	DIMENSION: 190x190x30	SERIAL No.:

UNIT: cd

C(deg)\ γ (deg)	225	240	255	270	285	300	315	330	345
0.0	691	691	690	691	691	691	690	692	691
5.0	688	686	688	687	688	686	688	686	687
10.0	677	674	678	674	677	674	676	673	676
15.0	659	654	659	654	659	653	658	652	657
20.0	633	627	634	628	633	627	631	626	632
25.0	601	594	602	595	601	594	600	592	599
30.0	564	556	565	557	565	554	563	553	561
35.0	522	514	524	515	523	513	522	511	519
40.0	477	468	479	469	478	467	477	465	474
45.0	430	419	432	419	432	418	429	416	427
50.0	381	369	382	370	382	368	380	366	378
55.0	329	317	331	318	330	316	328	314	326
60.0	278	273	280	272	279	273	277	256	274
65.0	224	208	225	209	225	206	224	204	198
70.0	178	156	179	156	178	154	175	152	174
75.0	128	107	129	107	128	105	126	103	124
80.0	81.0	62.5	80.5	61.5	79.0	60.2	78.4	59.7	77.0
85.0	38.7	22.9	37.0	21.5	35.9	21.1	36.5	21.1	34.4
90.0	9.00	1.90	8.70	1.90	8.50	1.90	8.60	1.90	8.20
95.0	7.10	2.20	7.10	2.20	7.10	2.20	7.10	2.20	7.00
100.0	6.70	2.60	6.70	2.50	6.60	2.60	6.70	2.60	6.60
105.0	6.50	3.00	6.50	2.90	6.50	3.00	6.50	3.00	6.50
110.0	6.40	3.40	6.40	3.30	6.40	3.50	6.40	3.40	6.40
115.0	6.50	3.90	6.40	3.80	6.40	3.90	6.50	3.90	6.40
120.0	6.60	4.30	6.60	4.20	6.60	4.30	6.60	4.30	6.60
125.0	6.80	4.70	6.70	4.70	6.70	4.70	6.70	4.70	6.70
130.0	6.90	5.10	6.90	5.10	7.00	5.20	6.90	5.10	6.90
135.0	7.10	5.50	7.20	5.50	7.10	5.60	7.10	5.50	7.10
140.0	7.30	5.90	7.30	5.80	7.20	5.90	7.30	5.90	7.30
145.0	7.50	6.30	7.40	6.20	7.50	6.30	7.50	6.20	7.40
150.0	7.70	6.40	7.50	6.50	7.60	6.50	7.70	6.50	7.60
155.0	7.70	6.70	7.80	6.80	7.90	6.70	7.70	6.70	7.70
160.0	7.90	7.00	7.90	7.00	8.00	7.00	7.90	6.90	7.90
165.0	8.00	7.20	8.00	7.30	8.10	7.20	8.00	7.20	8.00
170.0	8.10	7.40	8.10	7.50	8.20	7.40	8.10	7.40	8.10
175.0	8.20	7.60	8.20	7.70	8.29	7.60	8.20	7.60	8.20
180.0	8.20	7.80	8.20	8.00	8.20	7.80	8.20	7.80	8.20

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. 0.2% Flickering. Temp 39.5