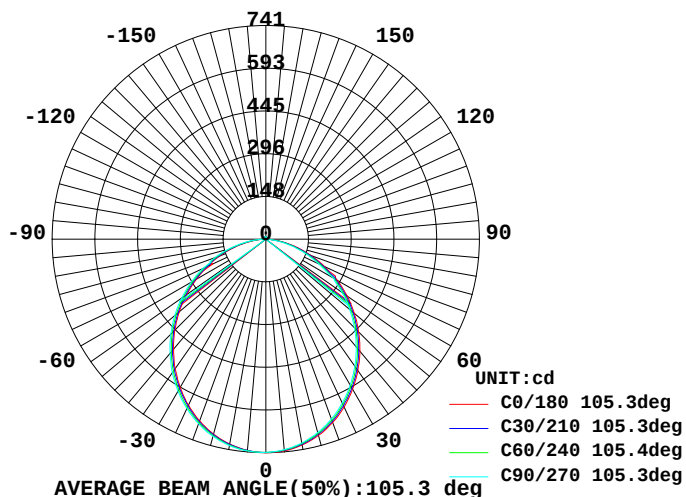


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 5000K 1900lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5137	DIMENSION: 190x190x30	SERIAL No.:

MODEL:		Imax(cd):	741.0	Effective Flux(lm):	1967.0
NOMINAL POWER(W):	18	MAXIMUM(C, γ):	0, 0.0	EEI	0.127
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.5
NOMINAL FLUX(lm):	1967.0	η street_up(%):	0.9	Current(A)	0.088
TEST FLUX(lm):	1967.0	η street_down(%):	49.8	Power(W)	18.29
LAMPS QUANTITY:	1	η house_up(%)	1.0	Power Factor	0.934
TOTAL RADIANT(mw):	1967.0	η house_down(%)	48.3	EEFICIENCY(lm/W)	107.5



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

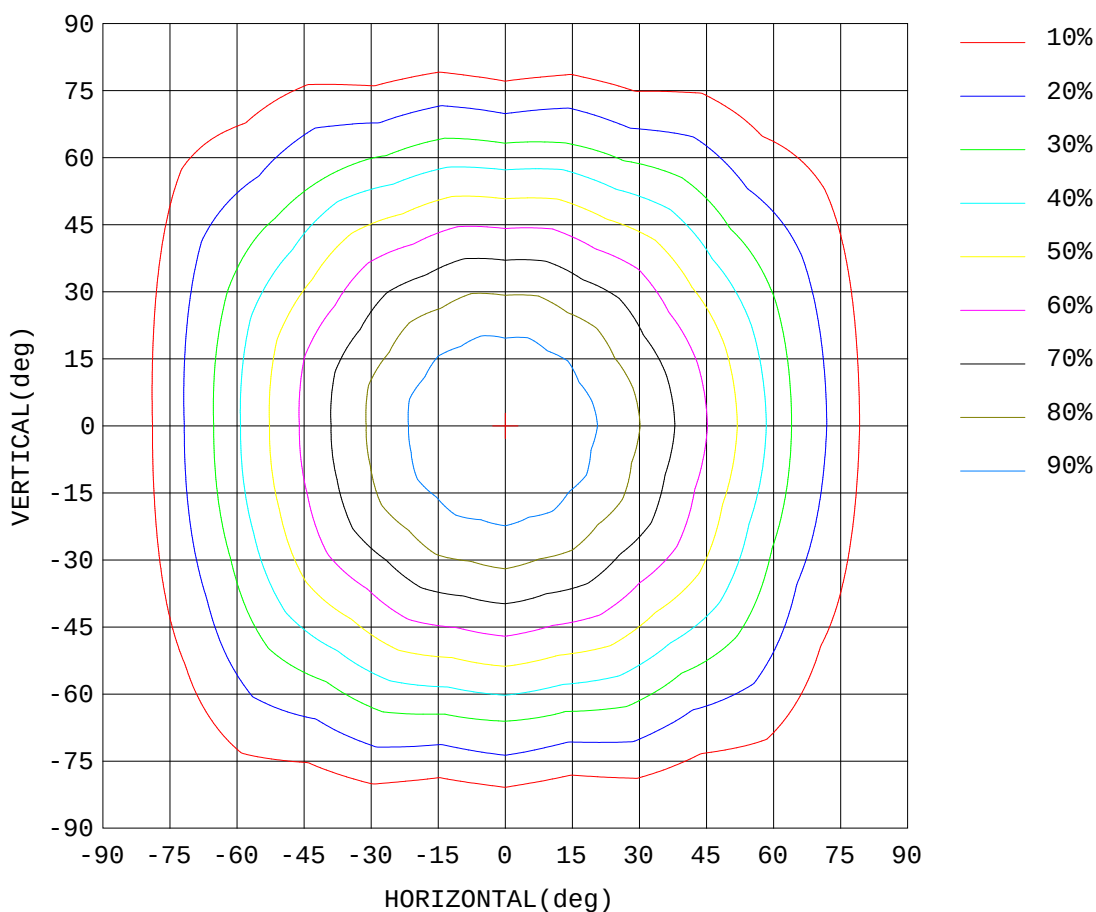
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 91Ra. 0.1% Flickering. Temp 38.1

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 5000K 1900lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5137	DIMENSION: 190x190x30	SERIAL No.:

UNIT: cd



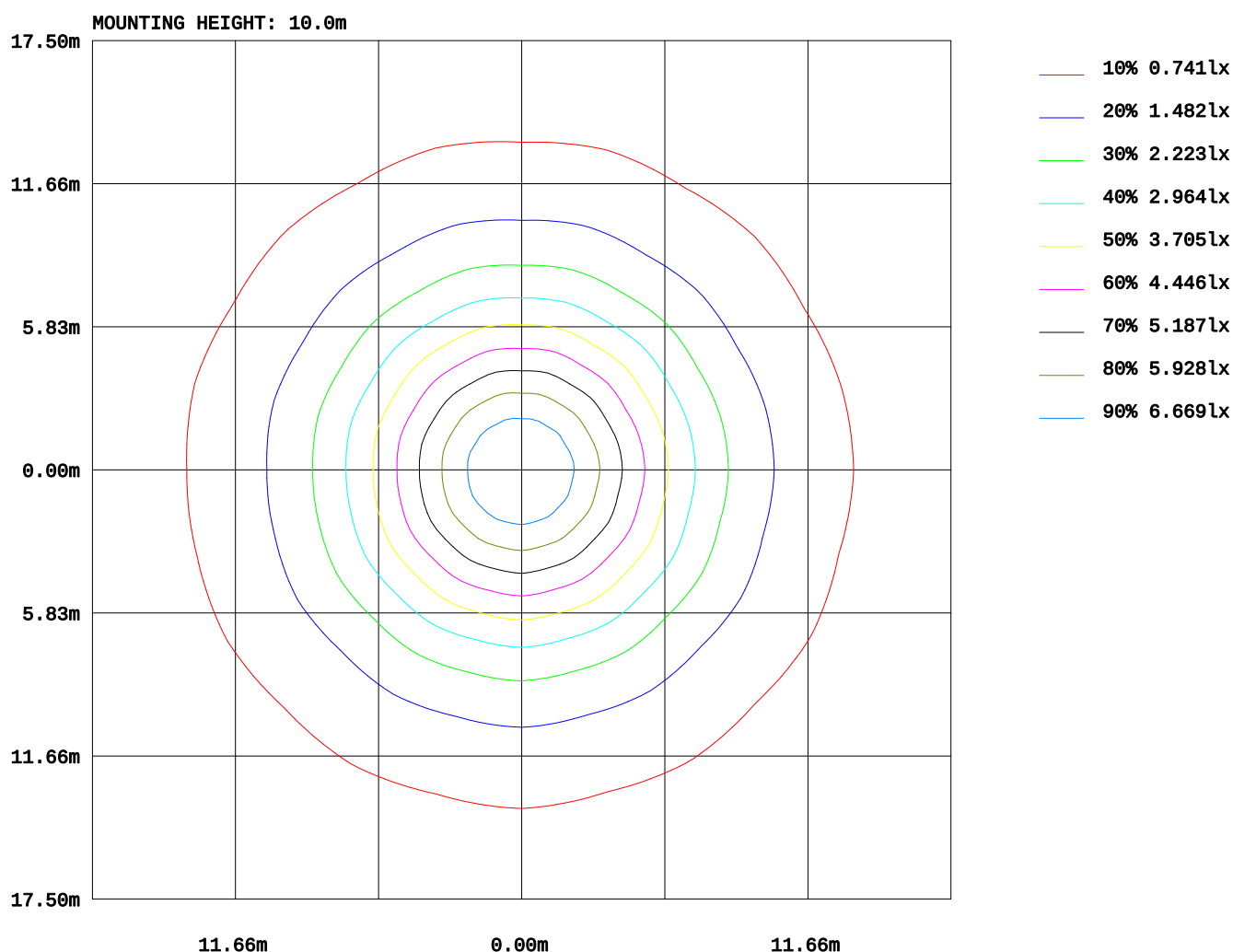
Temperature:25.3'C
Operators:
Test Date:28-12-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 91Ra. 0.1% Flickering. Temp 38.1

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 5000K 1900lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5137	DIMENSION: 190x190x30	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: 91Ra. 0.1% Flickering. Temp 38.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 5000K 1900lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5137	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	741	740	740	740	740	740	740	740	739	740	740	740	741	740	740
5.0	736	733	735	735	737	735	738	737	739	738	739	737	737	738	735
10.0	722	719	723	721	726	723	728	725	728	727	729	726	725	727	723
15.0	701	696	703	699	706	703	709	705	711	707	711	707	705	708	701
20.0	671	666	674	670	678	674	682	678	685	679	685	679	677	681	673
25.0	635	629	638	633	644	639	648	643	651	645	653	645	643	647	638
30.0	594	587	599	592	604	599	610	604	613	606	614	605	602	608	596
35.0	548	541	553	546	559	553	566	558	569	561	570	560	557	564	551
40.0	498	490	504	496	510	503	517	509	521	511	522	510	508	515	502
45.0	447	437	452	444	460	452	467	457	471	460	472	459	455	465	449
50.0	392	382	398	388	405	396	412	402	417	405	418	404	401	411	395
55.0	335	324	341	331	349	339	356	345	361	348	362	347	344	354	338
60.0	278	274	284	275	292	283	300	289	305	292	306	291	287	298	280
65.0	203	204	224	211	234	219	242	225	246	229	248	228	225	240	218
70.0	169	148	174	155	182	162	189	168	194	172	195	171	168	188	162
75.0	116	97.5	121	103	128	109	134	115	140	119	141	117	113	133	108
80.0	66.5	51.0	71.5	56.5	76.9	60.5	81.9	65.6	87.5	69.8	87.6	66.5	64.2	80.4	59.7
85.0	24.9	12.4	29.4	17.7	33.8	18.6	36.0	22.3	42.3	27.5	42.0	22.9	20.2	34.4	19.6
90.0	7.60	2.20	7.70	2.10	8.20	2.20	8.29	2.20	10.0	2.60	10.3	2.30	2.50	8.60	2.20
95.0	7.00	2.50	7.00	2.40	7.00	2.40	7.00	2.30	7.10	2.30	7.10	2.30	2.70	7.10	2.50
100.0	6.70	2.90	6.70	2.80	6.70	2.80	6.60	2.70	6.70	2.70	6.70	2.70	3.10	6.80	2.80
105.0	6.60	3.40	6.50	3.20	6.50	3.20	6.40	3.10	6.50	3.10	6.60	3.10	3.50	6.70	3.20
110.0	6.60	3.70	6.60	3.60	6.50	3.60	6.40	3.50	6.50	3.50	6.50	3.50	4.00	6.60	3.70
115.0	6.70	4.20	6.60	4.10	6.60	4.10	6.50	3.90	6.60	4.00	6.60	3.90	4.40	6.70	4.10
120.0	6.80	4.60	6.60	4.50	6.70	4.50	6.60	4.40	6.70	4.40	6.70	4.40	4.90	6.90	4.50
125.0	7.10	5.10	6.90	5.00	6.90	5.00	6.80	4.90	6.90	4.90	6.90	4.90	5.40	7.10	5.00
130.0	7.30	5.50	7.00	5.40	7.10	5.40	7.00	5.30	7.10	5.30	7.10	5.30	5.80	7.30	5.40
135.0	7.50	5.80	7.30	5.80	7.40	5.90	7.30	5.70	7.40	5.70	7.40	5.70	6.30	7.50	5.90
140.0	7.70	6.20	7.60	6.10	7.60	6.20	7.50	6.00	7.60	6.10	7.60	6.00	6.70	7.60	6.30
145.0	7.90	6.60	7.80	6.60	7.90	6.50	7.70	6.40	7.80	6.60	7.80	6.50	7.10	7.90	6.60
150.0	8.10	6.90	7.90	6.80	7.90	6.90	7.90	6.80	7.80	6.70	7.90	6.80	7.40	8.10	6.90
155.0	8.29	7.30	8.10	7.10	8.20	7.20	8.10	7.10	8.00	7.10	8.10	7.20	7.70	8.40	7.20
160.0	8.50	7.50	8.29	7.40	8.40	7.60	8.40	7.40	8.29	7.40	8.29	7.50	8.00	8.60	7.50
165.0	8.70	7.80	8.50	7.70	8.50	7.80	8.60	7.70	8.40	7.70	8.50	7.80	8.40	8.70	7.80
170.0	8.90	8.00	8.60	7.90	8.60	8.00	8.80	7.90	8.60	7.90	8.60	8.00	8.70	8.80	8.00
175.0	9.00	8.20	8.70	8.10	8.80	8.20	8.90	8.10	8.70	8.10	8.70	8.20	8.90	8.90	8.20
180.0	9.00	8.40	8.70	8.29	8.70	8.29	8.90	8.29	8.70	8.29	8.70	8.40	9.20	8.80	8.29

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: 91Ra. 0.1% Flickering. Temp 38.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 20W 5000K 1900lm 90Ra IP54		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5137	DIMENSION: 190x190x30	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	740	740	740	740	740	739	740	740	740
5.0	737	734	736	733	735	732	734	732	734
10.0	724	720	722	719	721	716	720	716	720
15.0	705	698	702	695	699	692	698	692	698
20.0	677	669	673	664	669	662	667	661	668
25.0	642	632	637	628	633	624	630	623	632
30.0	603	590	597	585	592	580	589	580	590
35.0	558	545	551	539	546	535	543	533	544
40.0	509	495	502	488	496	484	493	482	494
45.0	458	442	451	435	445	430	442	428	442
50.0	403	387	396	380	390	375	386	374	387
55.0	347	330	339	322	333	317	330	316	330
60.0	291	275	283	274	276	254	273	253	274
65.0	192	210	224	202	206	197	209	197	210
70.0	181	153	172	146	166	142	164	141	165
75.0	127	101	119	94.0	114	90.5	111	90.3	113
80.0	76.4	54.9	69.0	48.5	64.0	46.0	63.2	46.0	63.8
85.0	33.0	16.1	26.4	11.0	22.6	9.90	22.7	9.80	22.0
90.0	8.20	2.10	7.60	2.10	7.50	2.20	7.40	2.20	7.50
95.0	7.00	2.50	7.00	2.40	6.90	2.50	6.90	2.50	6.90
100.0	6.70	2.90	6.60	2.80	6.60	2.90	6.60	2.90	6.60
105.0	6.60	3.30	6.60	3.30	6.60	3.30	6.60	3.40	6.50
110.0	6.60	3.70	6.50	3.70	6.50	3.80	6.50	3.80	6.60
115.0	6.60	4.20	6.60	4.10	6.70	4.20	6.70	4.20	6.60
120.0	6.70	4.60	6.80	4.60	6.80	4.70	6.90	4.70	6.90
125.0	6.90	5.00	7.10	5.00	7.00	5.10	7.00	5.10	7.10
130.0	7.10	5.50	7.30	5.40	7.30	5.60	7.20	5.60	7.30
135.0	7.30	5.90	7.40	5.90	7.50	6.00	7.50	6.00	7.60
140.0	7.50	6.30	7.60	6.30	7.70	6.40	7.70	6.40	7.80
145.0	7.70	6.60	7.80	6.60	7.80	6.80	8.00	6.80	7.90
150.0	7.90	6.90	8.00	6.90	8.10	7.00	8.20	7.10	8.00
155.0	8.20	7.20	8.20	7.20	8.29	7.20	8.20	7.10	8.20
160.0	8.40	7.50	8.29	7.50	8.50	7.50	8.29	7.50	8.29
165.0	8.50	7.70	8.50	7.80	8.60	7.80	8.50	7.70	8.50
170.0	8.60	7.90	8.60	8.00	8.80	8.00	8.60	7.90	8.70
175.0	8.70	8.10	8.70	8.29	8.80	8.10	8.70	8.10	8.70
180.0	8.70	8.29	8.70	8.50	8.70	8.20	8.70	8.29	8.70

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: 91Ra. 0.1% Flickering. Temp 38.1