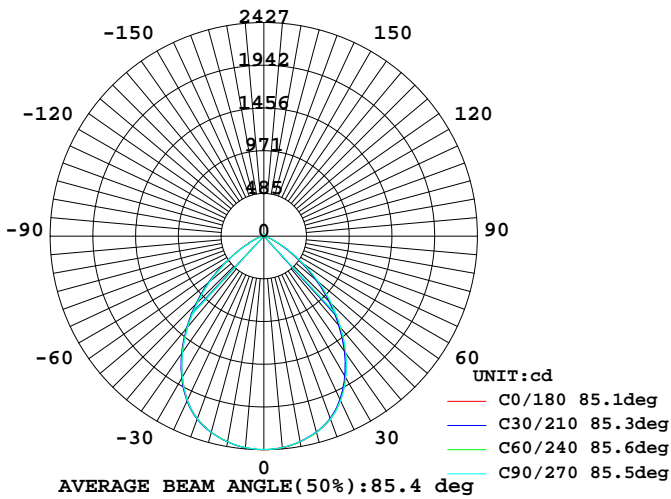


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 40W 4200lm 4500K 82Ra IP40		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4253	DIMENSION: 240x98	SERIAL No.:

MODEL:		I _{max} (cd):	2427	Effective Flux(lm):	4455.8
NOMINAL POWER(W):	38	MAXIMUM(C, γ):	0, 0.0	EEI	0.118
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4455.8	η street_up(%):	0.7	Current(A)	0.178
TEST FLUX(lm):	4455.8	η street_down(%):	49.3	Power(W)	38.70
LAMPS QUANTITY:	1	η house_up(%):	0.8	Power Factor	0.983
TOTAL RADIANT(mw):	4455.8	η house_down(%):	49.2	EFFICIENCY(lm/W)	115.1



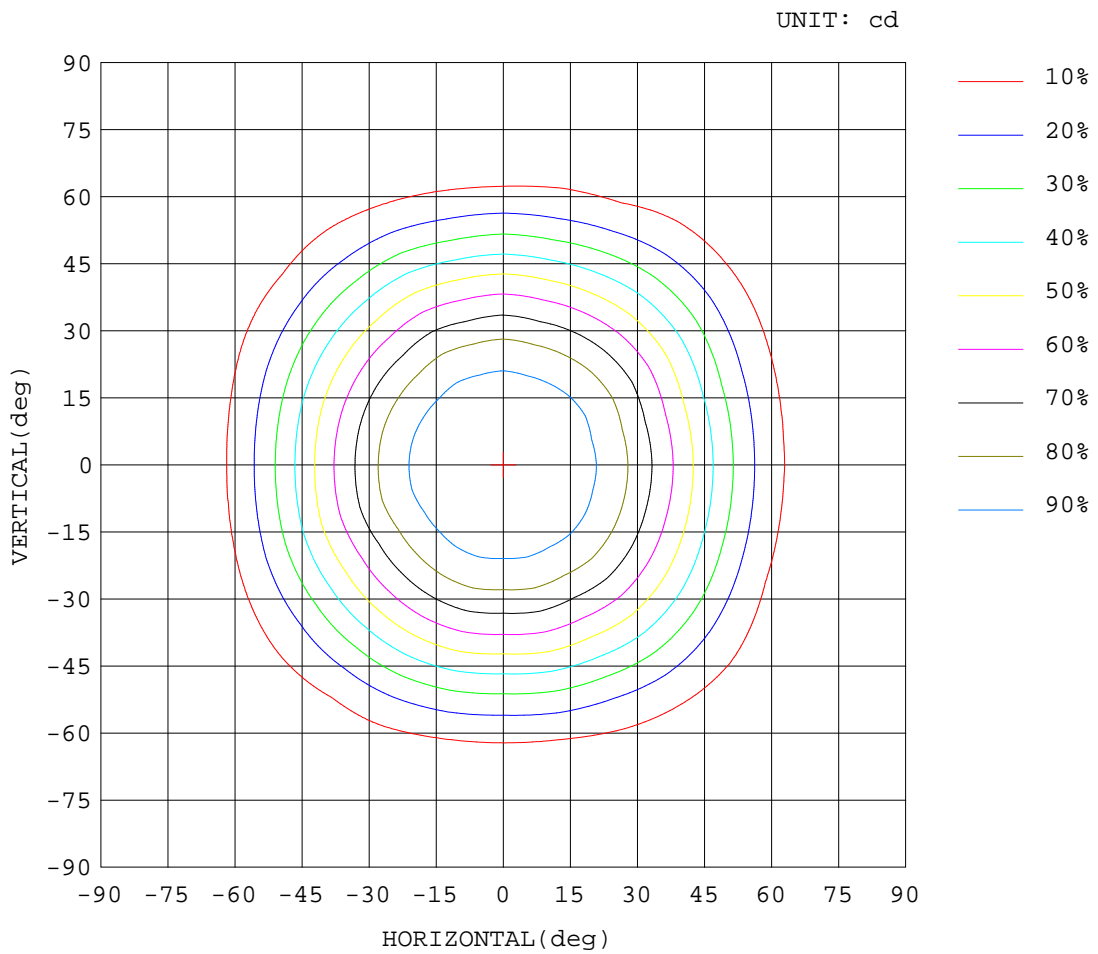
Temperature:25.3'C
Operators:
Test Date:21-05-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.1% Temp. 43.1C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 40W 4200lm 4500K 82Ra IP40		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4253	DIMENSION: 240x98	SERIAL No.:



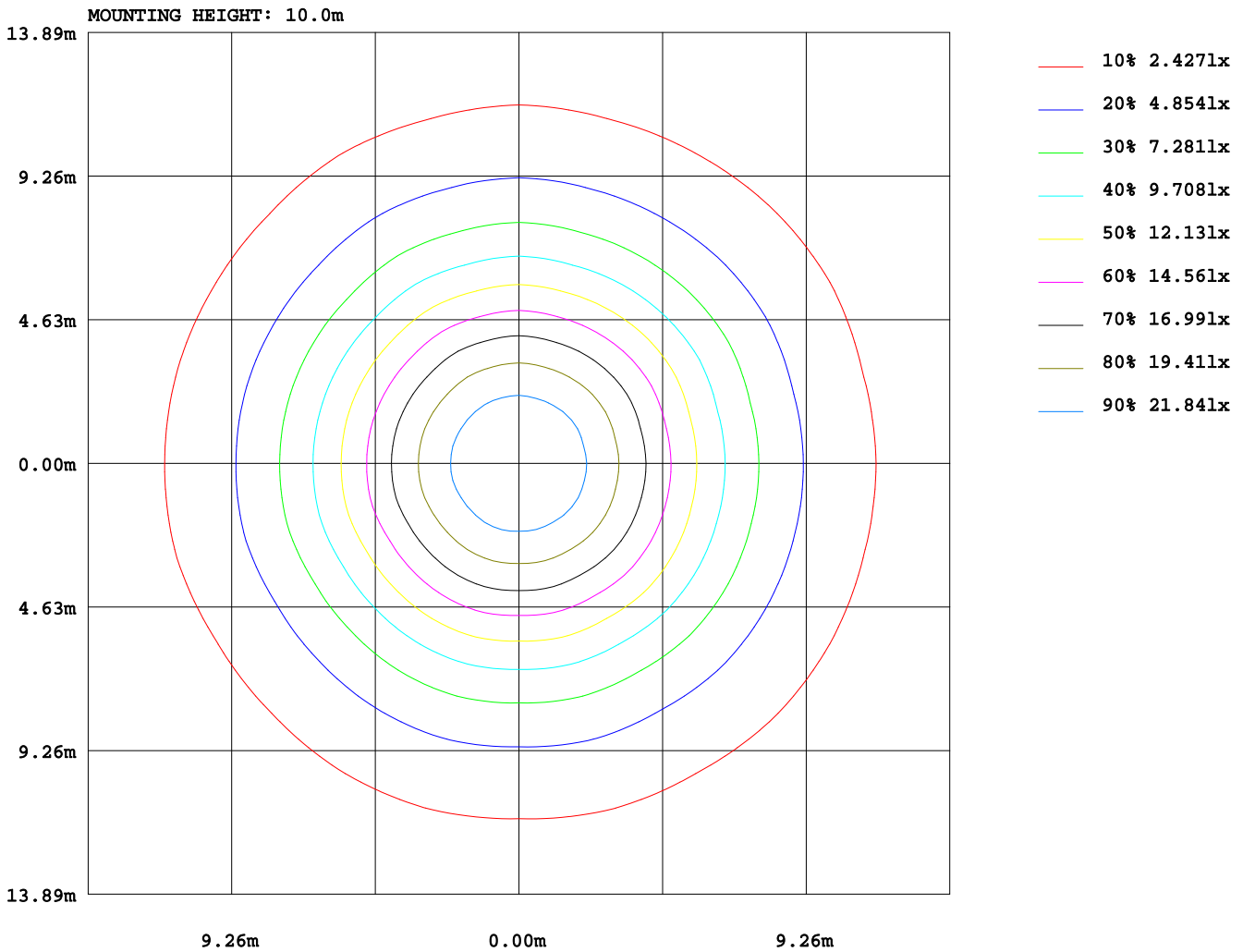
Temperature: 25.3 °C
 Operators:
 Test Date: 21-05-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.1% Temp. 43.1C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 40W 4200lm 4500K 82Ra IP40		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4253	DIMENSION: 240x98	SERIAL No.:



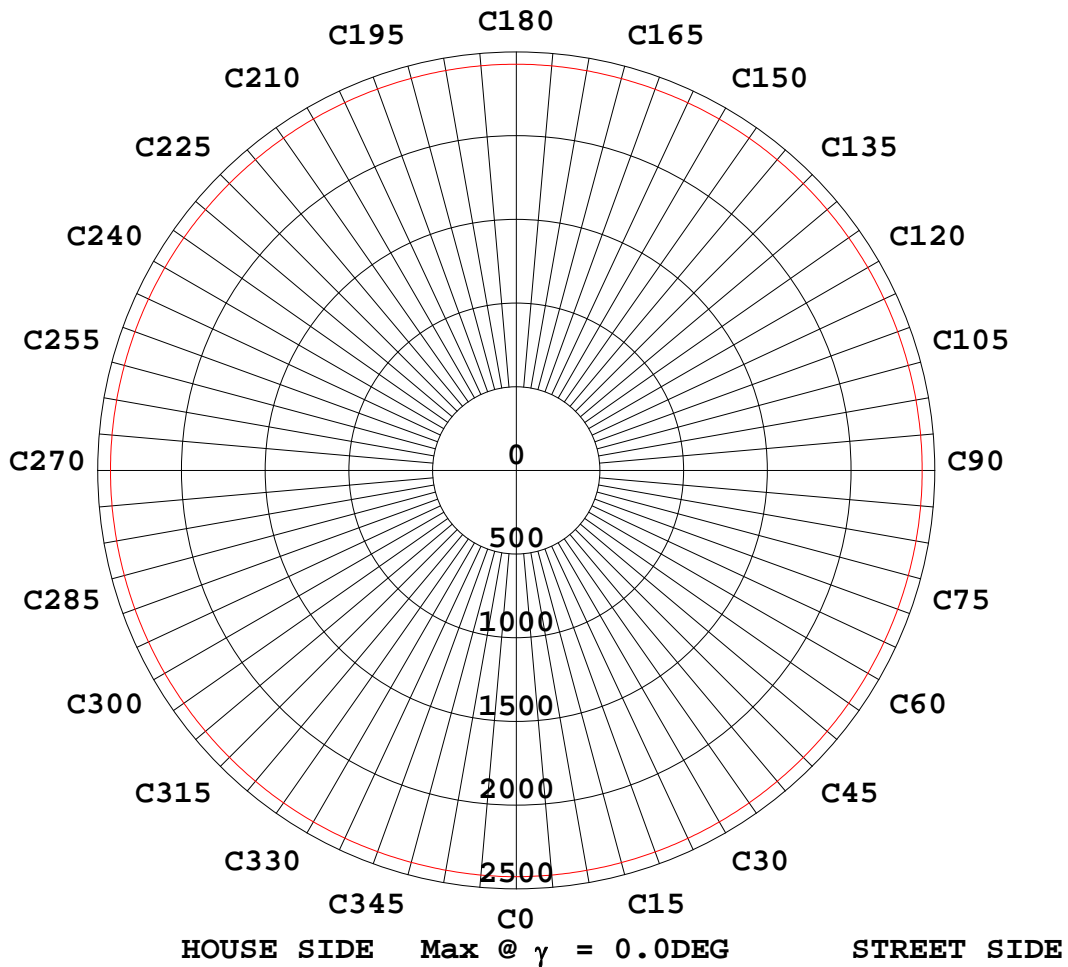
Temperature: 25.3 °C
 Operators:
 Test Date: 21-05-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.1% Temp. 43.1C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 40W 4200lm 4500K 82Ra IP40		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4253	DIMENSION: 240x98	SERIAL No.:



Temperature: 25.3 °C
 Operators:
 Test Date: 21-05-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.1% Temp. 43.1C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 40W 4200lm 4500K 82Ra IP40		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4253	DIMENSION: 240x98	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	2427	2426	2425	2424	2424	2424	2424	2424	2425	2424	2424	2424	2427	2426	2425
5.0	2413	2412	2413	2413	2411	2412	2412	2413	2413	2410	2411	2413	2415	2413	2411
10.0	2372	2370	2375	2377	2372	2375	2371	2376	2374	2368	2369	2375	2375	2374	2369
15.0	2304	2302	2311	2313	2308	2311	2307	2312	2310	2299	2300	2309	2310	2311	2303
20.0	2207	2206	2215	2218	2209	2215	2207	2216	2211	2199	2198	2214	2211	2211	2203
25.0	2054	2055	2069	2076	2060	2071	2057	2071	2060	2041	2036	2063	2056	2054	2046
30.0	1850	1851	1869	1878	1857	1870	1851	1867	1853	1828	1821	1855	1852	1849	1836
35.0	1614	1614	1629	1640	1615	1629	1607	1624	1607	1583	1576	1613	1605	1603	1595
40.0	1350	1349	1372	1381	1355	1368	1344	1361	1345	1313	1306	1342	1334	1333	1323
45.0	1076	1081	1100	1107	1079	1089	1065	1082	1068	1040	1029	1069	1059	1061	1043
50.0	808	806	824	830	803	812	790	805	789	760	755	790	780	783	771
55.0	545	540	563	566	545	552	536	544	531	496	495	522	520	522	509
60.0	333	330	346	343	331	331	323	326	321	308	294	313	309	318	309
65.0	191	170	191	177	186	167	181	163	181	144	167	155	152	178	149
70.0	107	86.7	110	89.7	102	84.0	97.7	81.5	96.6	72.0	88.2	76.3	76.8	94.5	75.3
75.0	62.0	48.1	63.4	48.5	58.6	45.1	56.0	43.7	55.1	39.0	50.5	41.4	41.2	54.7	40.2
80.0	37.2	26.1	37.7	26.4	34.9	24.5	33.5	23.8	33.0	21.5	31.2	23.0	22.9	33.0	22.2
85.0	21.7	12.1	22.9	13.7	20.6	11.4	18.1	10.2	18.0	6.70	15.2	9.40	9.40	17.7	8.29
90.0	9.09	2.50	9.40	2.70	8.80	2.30	8.60	2.30	8.60	2.40	8.40	2.40	2.70	8.60	2.40
95.0	8.10	2.80	8.00	2.70	8.00	2.70	7.90	2.80	8.00	2.80	7.90	2.80	3.20	8.00	2.90
100.0	7.90	3.40	7.80	3.30	7.80	3.30	7.80	3.40	7.80	3.50	7.80	3.40	3.90	7.90	3.60
105.0	8.10	4.20	8.00	4.00	8.00	4.10	8.00	4.20	8.00	4.30	8.10	4.30	4.80	8.20	4.60
110.0	8.60	5.20	8.40	5.10	8.50	5.20	8.60	5.20	8.60	5.40	8.60	5.30	6.00	8.80	5.70
115.0	9.40	6.50	9.20	6.30	9.30	6.40	9.40	6.50	9.30	6.70	9.50	6.60	7.30	9.70	7.00
120.0	10.4	7.80	10.1	7.70	10.2	7.80	10.4	7.90	10.3	8.00	10.4	7.90	8.80	10.8	8.40
125.0	11.5	9.30	11.3	9.09	11.4	9.30	11.5	9.40	11.4	9.40	11.5	9.40	10.4	12.0	10.0
130.0	12.9	10.8	12.4	10.5	12.6	10.8	12.8	10.8	12.6	11.0	12.9	11.0	12.0	13.3	11.5
135.0	14.1	12.3	13.7	12.0	13.7	12.3	14.2	12.3	13.9	12.4	14.1	12.5	13.6	14.5	13.0
140.0	15.4	13.7	15.0	13.5	15.2	13.9	15.5	13.7	15.2	14.0	15.4	14.0	15.2	16.0	14.5
145.0	16.7	15.2	16.3	15.0	16.5	15.4	16.7	15.4	16.5	15.5	16.7	15.6	16.5	17.4	16.2
150.0	18.0	16.7	17.6	16.5	17.8	17.0	18.1	16.7	17.9	17.0	18.1	17.2	18.0	18.7	17.6
155.0	19.3	18.2	18.9	17.9	19.2	18.5	19.4	18.1	19.2	18.4	19.5	18.7	19.5	20.1	19.1
160.0	20.6	19.6	20.1	19.4	20.5	19.9	20.6	19.5	20.4	19.7	20.8	20.1	20.9	21.4	20.4
165.0	21.9	20.9	21.2	20.6	21.6	21.1	21.7	20.7	21.5	21.0	21.9	21.2	22.2	22.4	21.5
170.0	23.0	21.9	22.4	21.6	22.6	22.1	22.9	21.6	22.5	21.9	22.7	22.3	23.2	23.1	22.4
175.0	23.9	22.7	23.1	22.5	23.2	22.9	23.7	22.6	23.1	22.7	23.4	22.9	24.1	23.7	23.0
180.0	24.2	23.1	23.6	23.0	23.6	23.1	24.1	23.1	23.6	23.0	23.6	23.1	24.5	23.1	23.6

Temperature: 25.3 °C
 Operators:
 Test Date: 21-05-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.1% Temp. 43.1C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Seiling 40W 4200lm 4500K 82Ra IP40		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4253	DIMENSION: 240x98	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2424	2424	2424	2424	2424	2425	2424	2424	2424
5.0	2409	2412	2410	2412	2409	2410	2412	2412	2408
10.0	2368	2372	2370	2372	2367	2369	2372	2372	2365
15.0	2302	2308	2304	2307	2300	2301	2309	2308	2298
20.0	2198	2212	2203	2212	2199	2205	2215	2214	2199
25.0	2042	2062	2051	2063	2047	2054	2066	2069	2044
30.0	1831	1858	1844	1862	1841	1851	1870	1875	1842
35.0	1584	1621	1600	1626	1597	1615	1632	1637	1601
40.0	1321	1355	1341	1362	1338	1349	1367	1373	1335
45.0	1044	1079	1067	1088	1065	1074	1099	1102	1067
50.0	768	807	791	819	792	808	829	830	797
55.0	514	539	533	550	535	543	566	572	536
60.0	307	322	323	332	325	326	351	348	330
65.0	173	165	183	173	186	171	186	182	188
70.0	94.3	83.6	102	88.4	104	87.1	111	93.4	104
75.0	54.2	45.0	58.4	47.7	60.0	47.7	65.4	51.5	61.5
80.0	32.3	24.2	34.2	25.6	35.1	26.1	38.9	28.2	36.5
85.0	17.0	10.5	17.9	10.2	18.1	11.4	22.7	13.9	21.0
90.0	8.60	2.40	8.70	2.50	8.70	2.60	9.50	2.90	8.90
95.0	8.00	2.80	8.00	2.80	8.10	2.80	8.10	2.70	8.00
100.0	7.90	3.50	7.90	3.50	7.90	3.50	7.90	3.40	7.90
105.0	8.20	4.40	8.20	4.40	8.20	4.40	8.10	4.20	8.10
110.0	8.80	5.50	8.80	5.50	8.80	5.50	8.60	5.30	8.70
115.0	9.80	6.90	9.70	6.90	9.60	6.80	9.40	6.50	9.50
120.0	10.8	8.29	10.8	8.29	10.8	8.20	10.5	8.00	10.5
125.0	12.0	9.80	12.0	9.90	12.0	9.70	11.7	9.50	11.8
130.0	13.3	11.3	13.3	11.5	13.3	11.3	12.9	11.0	13.0
135.0	14.5	12.9	14.5	13.0	14.5	12.8	14.2	12.6	14.4
140.0	15.9	14.4	15.9	14.5	15.9	14.3	15.5	14.1	15.7
145.0	17.2	15.9	17.2	16.1	17.4	15.9	16.9	15.6	17.1
150.0	18.6	17.4	18.6	17.5	18.7	17.4	18.1	17.0	18.4
155.0	19.7	18.7	19.7	18.9	20.1	18.7	19.5	18.4	19.6
160.0	21.0	20.0	21.0	20.2	21.4	20.2	20.7	19.6	20.8
165.0	22.0	21.1	22.0	21.6	22.4	21.2	21.7	20.9	21.7
170.0	22.9	22.2	22.9	22.7	23.1	22.3	22.7	22.0	22.7
175.0	23.5	22.7	23.6	23.4	23.7	22.9	23.4	22.7	23.4
180.0	23.0	23.6	23.1	24.1	23.1	23.6	23.0	23.1	23.1

Temperature: 25.3 °C
 Operators:
 Test Date: 21-05-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.1% Temp. 43.1C