

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *SOLVENT R PENDANT 80 BK + REMOTE CONTROL*

Item No: *AZ3972*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Solvent R80*

LuminaireNumber: *AZ3972*

FileName: *AZ3972.Idt*

Date: *2020-10-19*

Dimensions of luminaire

Length: *800 mm*

Width: *0 mm*

Height: *120 mm*

Dimensions of luminous area

Length: *780 mm*

Width: *0 mm*

C0-plane *100 mm*

C90-plane *100 mm*

C180-plane *100 mm*

C270-plane *100 mm*

Lamps:

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 3016,91 lm
Color temperatur: 4033.55 K
Color rendering index: 84,64
Wattage including ballast: 63,56 W

Utilization factors:

k = 0.60 0,197
k = 0.80 0,265
k = 1.00 0,329
k = 1.25 0,395
k = 1.50 0,450
k = 2.00 0,538
k = 2.50 0,596
k = 3.00 0,641
k = 4.00 0,706
k = 5.00 0,749

Electrical parameters

U = 229,616 V
I = 0,283 A
P = 63,565 W
Power factor = 0,979

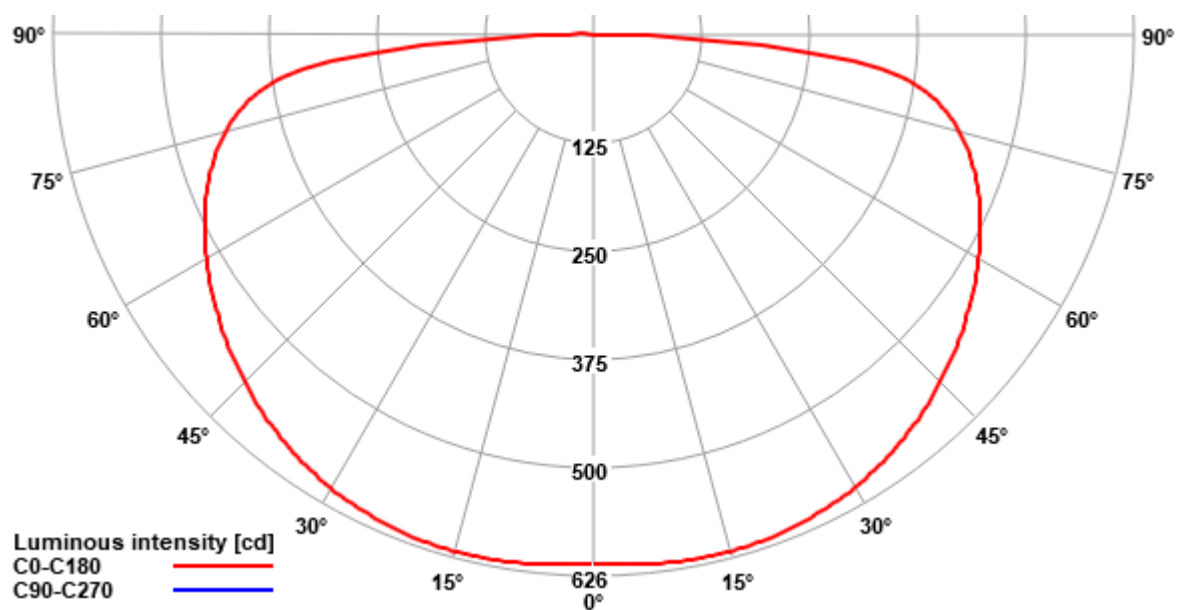
Power apparent = 64,932 VA
Power Reactive = -13,205 var
Frequency Voltage = 50,002 Hz
THD = 5,222 %

Temperature = 22 C

Goniometric measurement results

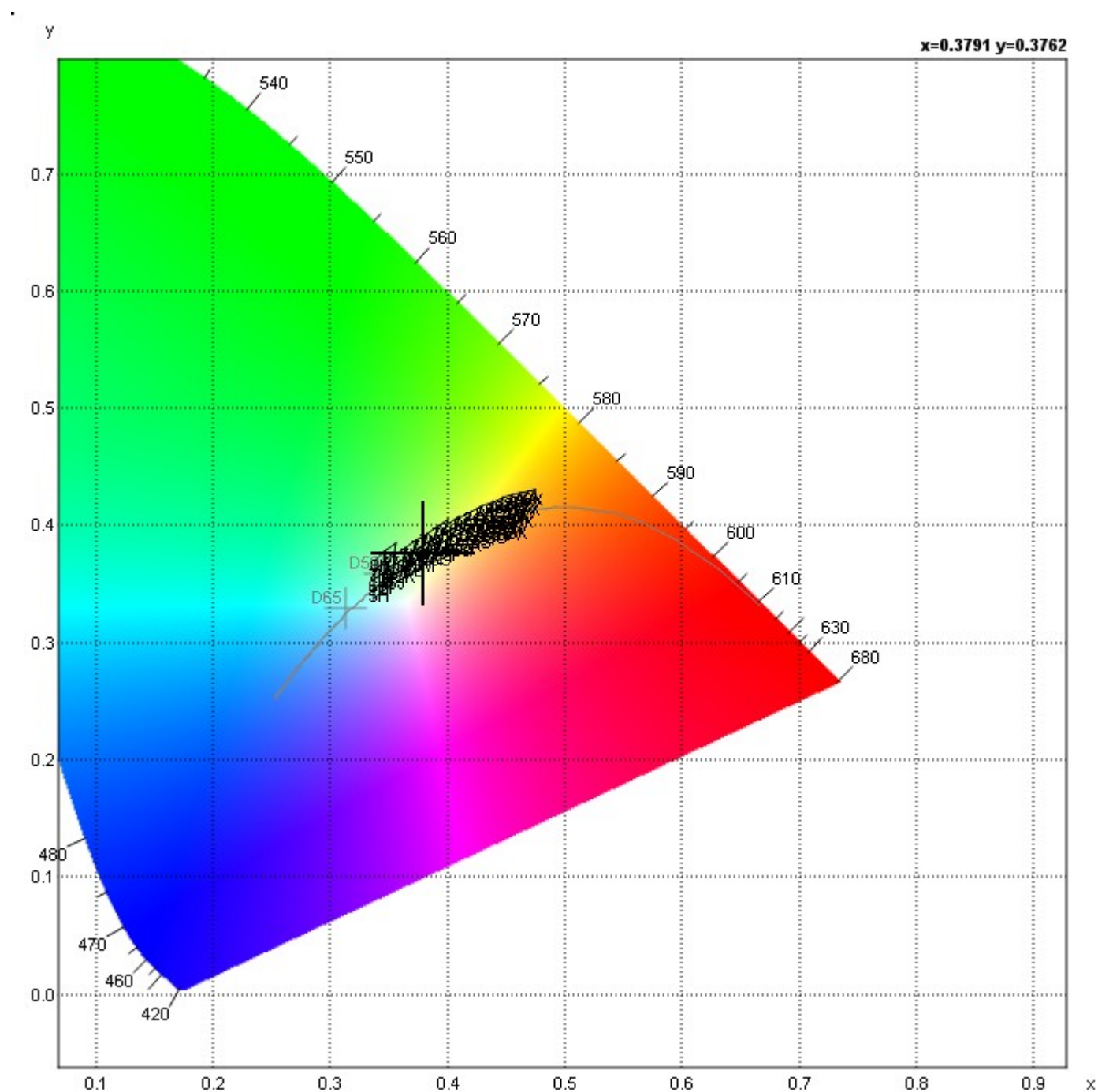
Total flux (utilized luminarie flux)	3016,91 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	619,37 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	47,47 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,3791
y 0,3762
Angular Colour Uniformity 0,0016



GL Optic R&D Center Sp. z o.o.

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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone

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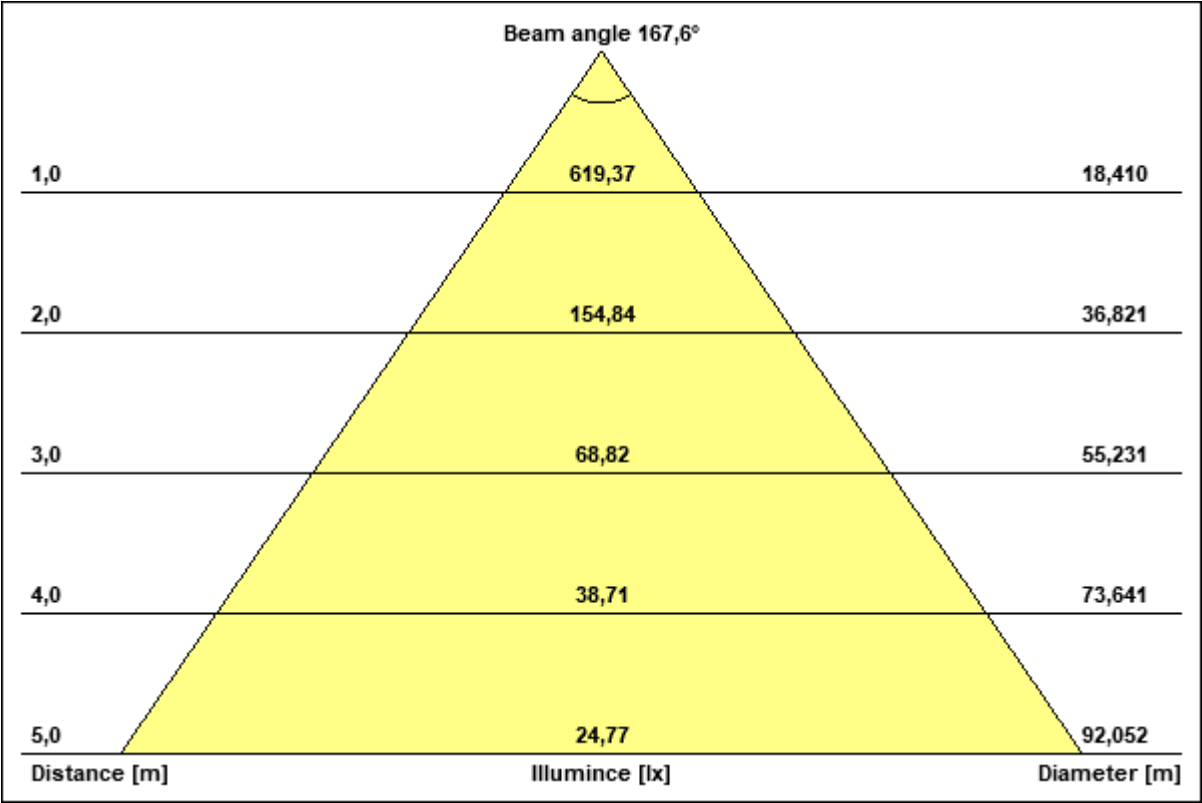
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Stabilization

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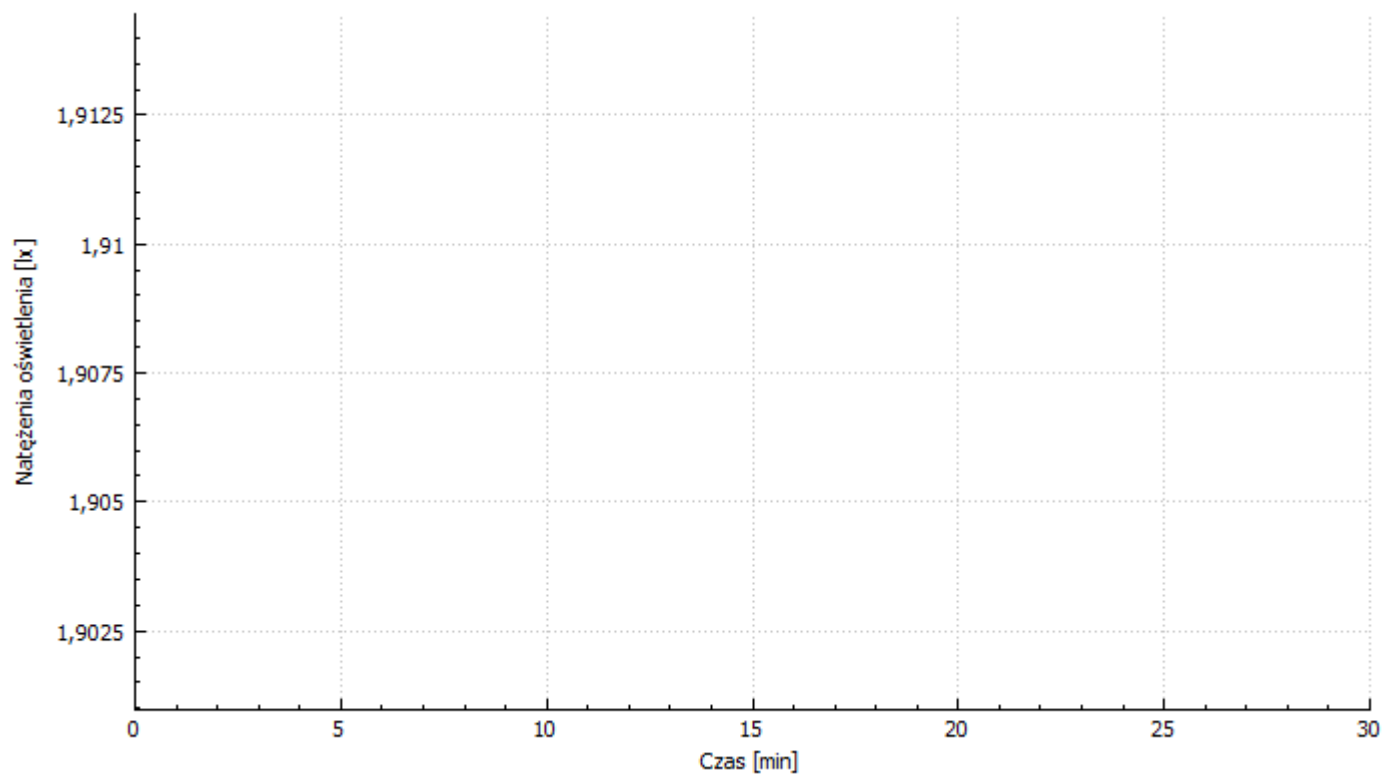
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3D Chart

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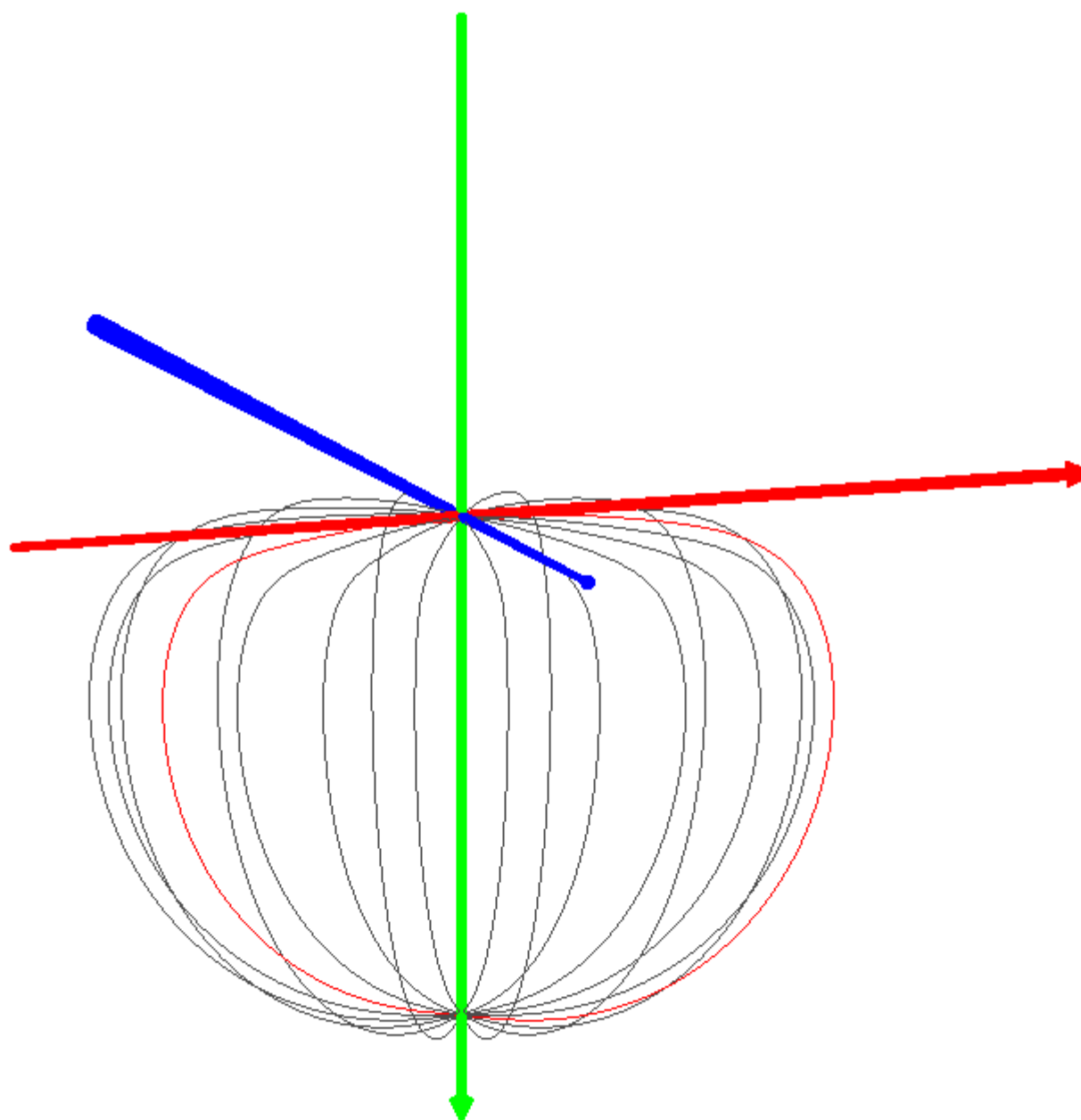
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Legend

- - C0-C180
- - C90-C270
- - G0-G180

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,00511	0,464	2,91e-05
1	100,000	100,000	100,000
2	0,00603	0,0467	5,67e-06
3	0,0126	4,024	0,000467
4	0,00331	0,109	3,5e-06
5	0,00432	0,940	3,37e-05
6	0,00175	0,0677	4,5e-08
7	0,00321	0,597	3,24e-05
8	0	0,0693	0
9	0,00417	1,367	5,73e-05
10	0	0,0932	0
11	0,0036	0,258	3,26e-07
12	0	0,0662	0
13	0,00495	1,312	4,73e-05
14	0	0,09	0
15	0,00228	0,675	-1,62e-07
16	0	0,0518	0
17	0	0,490	0
18	0	0,0568	0
19	0,00478	1,133	3,76e-05
20	0	0,0557	0
21	0,00138	0,244	4,01e-07
22	0	0	0
23	0,0062	0,487	1,13e-05
24	0	0,0469	0
25	0,00581	1,055	1,07e-05
26	0,000916	0,0939	5,11e-07
27	0,00224	0,255	9,74e-06
28	0,00102	0,0662	7,86e-07
29	0,00317	0,472	1,4e-05
30	0,0011	0,0796	9,66e-07
31	0,00451	0,534	9,59e-06
32	0,000969	0,111	1,21e-06
33	0,00826	1,067	5,48e-05
34	0	0,0438	0
35	0,00368	0,332	3,2e-06
36	0,00135	0,104	-3,99e-07
37	0,000892	0,118	2,59e-06
38	0	0,0504	0
39	0,00237	0,279	2,38e-06
40	0,00104	0,0824	-7,67e-07
41	0,00452	0,292	3,76e-06
42	0,00125	0,104	4,98e-07

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43	0,00342	0,427	1,22e-05
44	0	0,0814	0
45	0,00333	0,437	3,13e-06
46	0,00205	0,210	1,54e-06
47	0,00388	0,399	3,98e-06
48	0	0,0797	0
49	0,0031	0,274	-1,69e-06
50	0	0,101	0