

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *MIKKA TRACK 3LINE 24W 3000K BK*
Item No: *AZ4516*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Mikka Track 3Line*
LuminaireNumber: *AZ4516*
FileName: *AZ4516.Idt*
Date: *2021-04-19*

Dimensions of luminaire

Length: *250 mm*
Width: *0 mm*
Height: *150 mm*

Dimensions of luminous area

Length: *245 mm*
Width: *0 mm*
C0-plane *0 mm*
C90-plane *0 mm*
C180-plane *0 mm*
C270-plane *0 mm*

Lamps:

Number of lamps: -1
Type of lamps: *Led zintegrowany*
Total luminous flux: *1839,03 lm*
Color temperatur: *3045.34 K*
Color rendering index: *83,09*
Wattage including ballast: *24,67 W*

Utilization factors:

k = 0.60	<i>0,306</i>
k = 0.80	<i>0,391</i>
k = 1.00	<i>0,466</i>
k = 1.25	<i>0,539</i>
k = 1.50	<i>0,596</i>
k = 2.00	<i>0,683</i>
k = 2.50	<i>0,732</i>
k = 3.00	<i>0,769</i>
k = 4.00	<i>0,819</i>
k = 5.00	<i>0,851</i>

Electrical parameters

U = *229,575 V*
I = *0,112 A*
P = *24,666 W*
Power factor = *0,958*

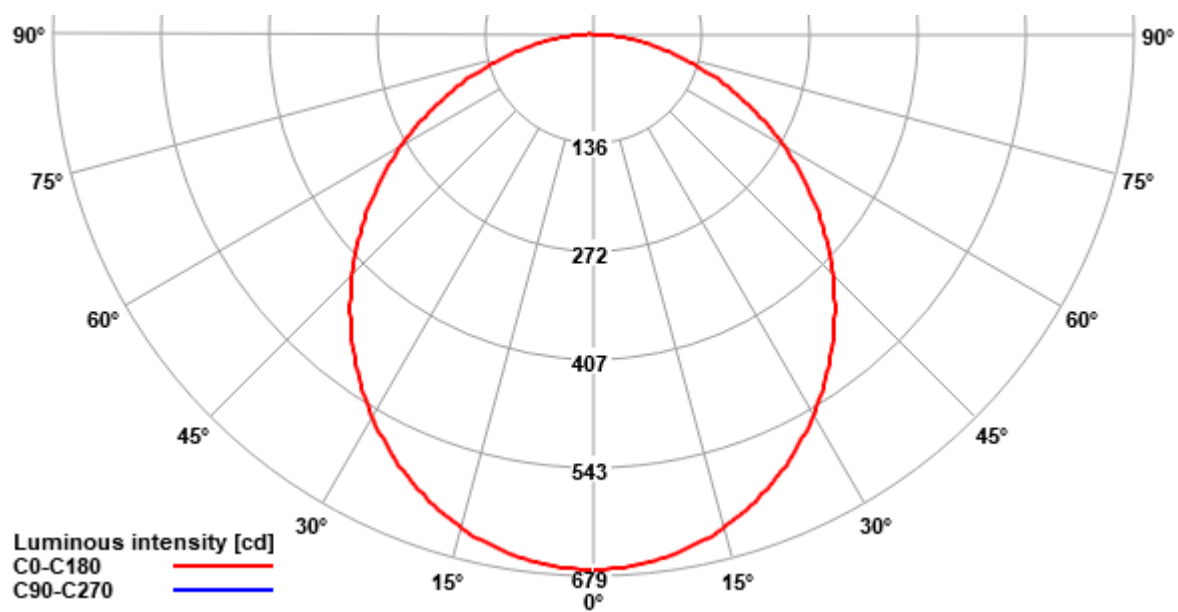
Power apparent = *25,765 VA*
Power Reactive = *-7,428 var*
Frequency Voltage = *50,002 Hz*
THD = *9,657 %*

Temperature = *22 C*

Goniometric measurement results

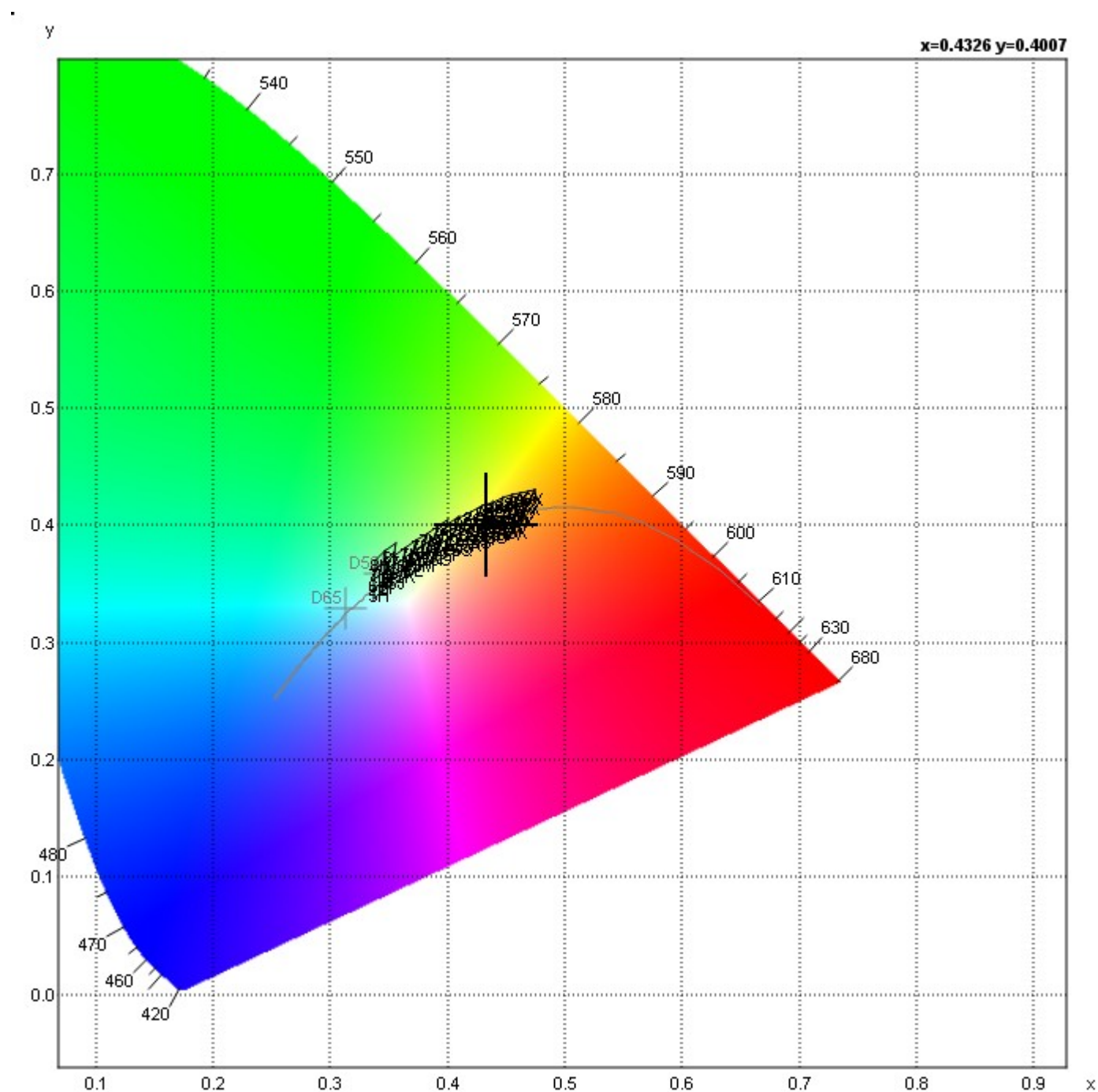
Total flux (utilized luminarie flux)	1839,03 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	672,40 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	74,55 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4326
y 0,4007
Angular Colour Uniformity 0,0012



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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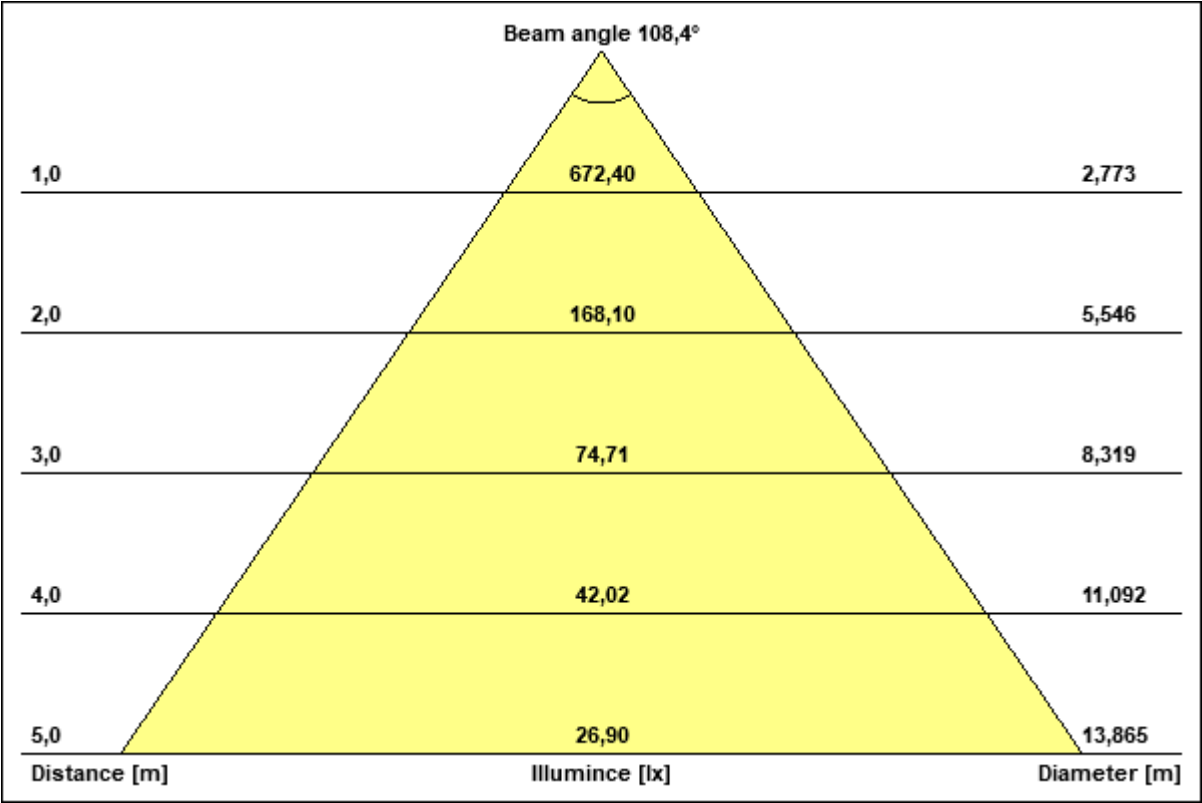
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Stabilization

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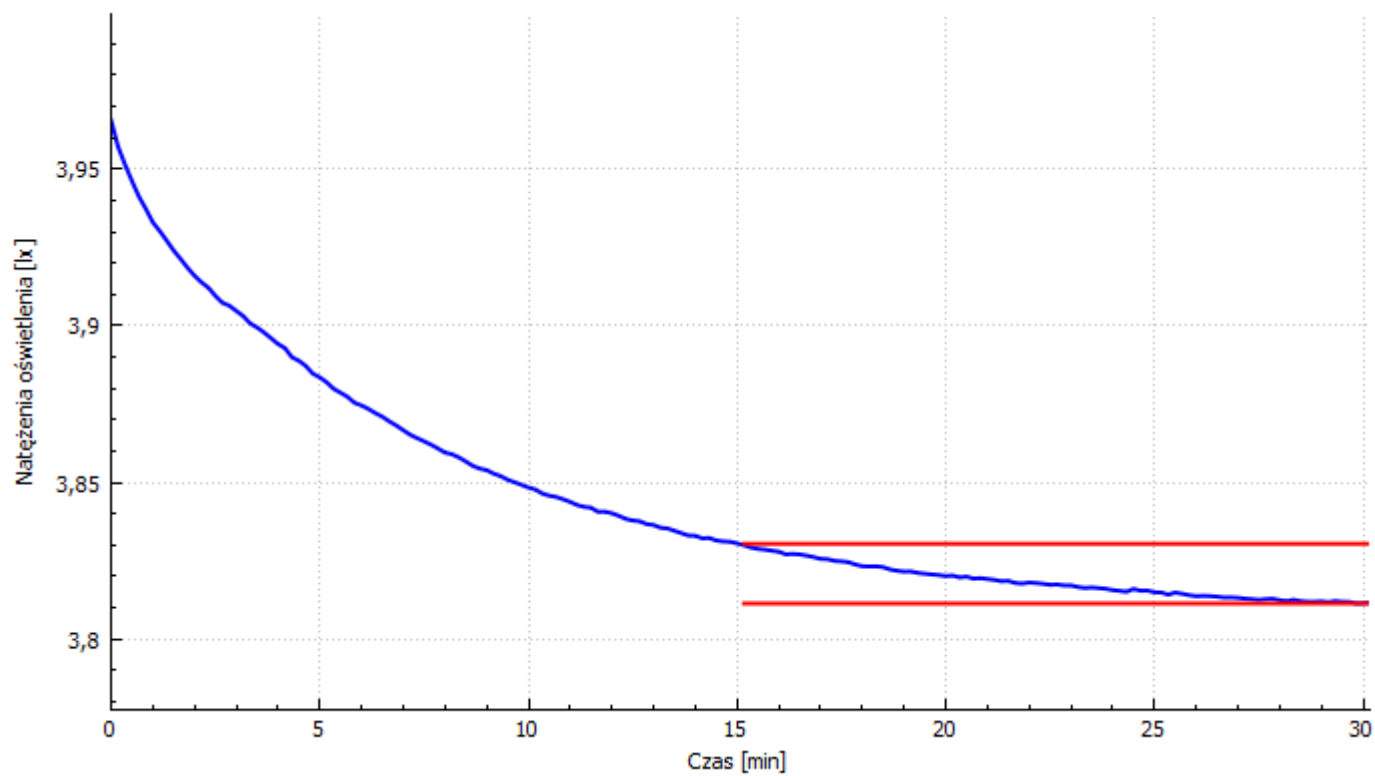
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3D Chart

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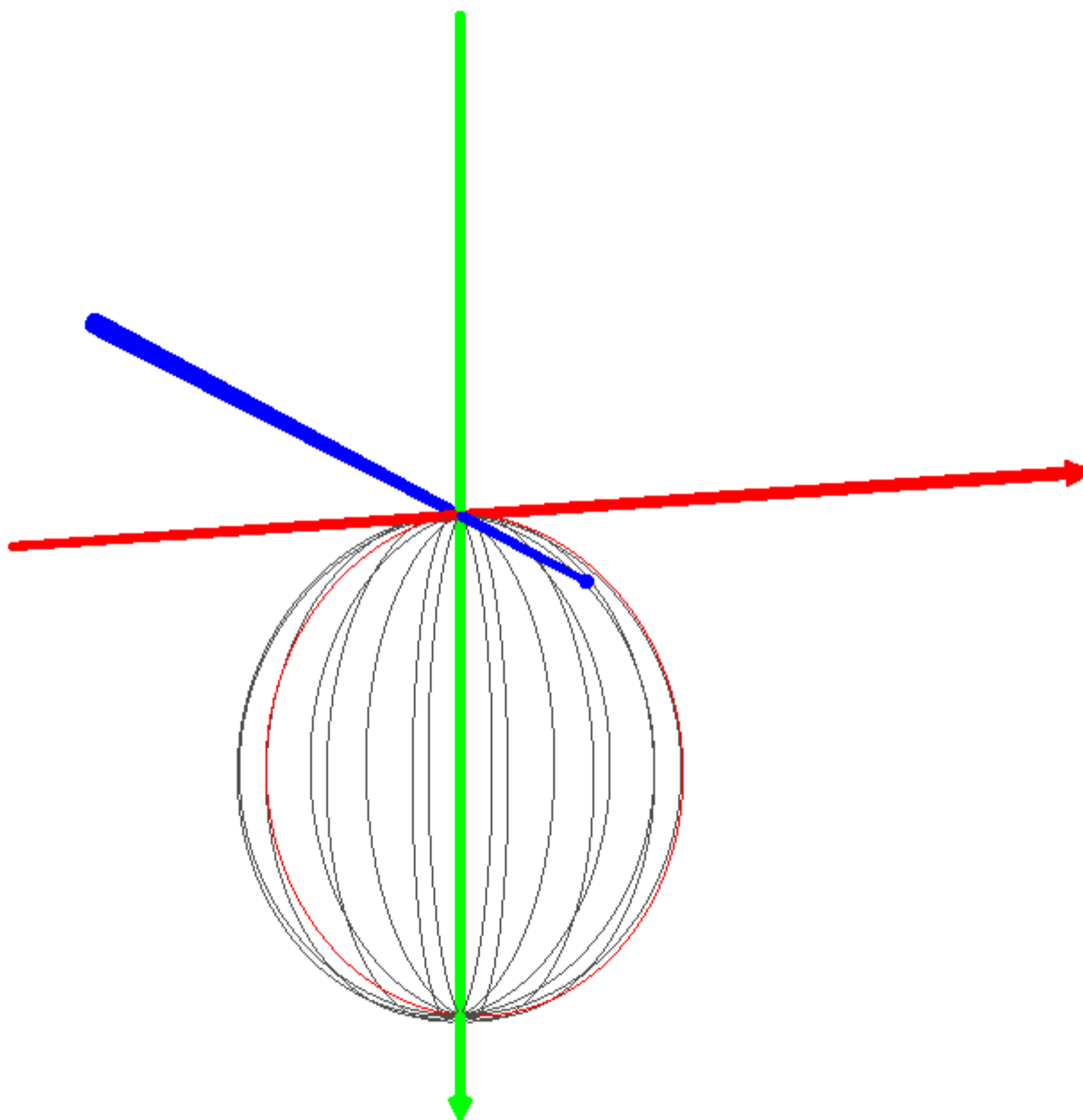
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,00309	0,704	-2,36e-05
1	100,000	100,000	100,000
2	0,00151	0,737	5,28e-06
3	0,00622	8,880	0,000395
4	0,00098	0,0669	3,16e-07
5	0,0056	1,240	-7,5e-05
6	0	0,225	0
7	0,00325	1,343	-3,84e-05
8	0	0,0701	0
9	0,00381	2,406	4,22e-06
10	0	0,165	0
11	0,00634	1,657	6,15e-05
12	0	0,044	0
13	0,00385	0,945	3,7e-05
14	0	0,114	0
15	0,00127	0,611	4,33e-06
16	0	0	0
17	0,00191	0,444	3,47e-06
18	0	0,0687	0
19	0,00154	0,269	-3,63e-07
20	0	0,0589	0
21	0,00232	0,338	-6,48e-06
22	0	0,0806	0
23	0,00303	0,113	3,64e-06
24	0	0,0384	0
25	0,00104	0,155	1,49e-06
26	0	0,0423	0
27	0	0,0788	0
28	0	0,0544	0
29	0,0012	0,0675	4,32e-07
30	0	0,0451	0
31	0,00181	0,148	-7,71e-07
32	0	0,047	0
33	0,00196	0,247	-1,98e-06
34	0	0	0
35	0,000937	0,135	-4,89e-07
36	0	0,0434	0
37	0	0,0722	0
38	0	0	0
39	0,000945	0,138	8,28e-07
40	0	0,0438	0
41	0,00177	0,159	1,66e-06
42	0	0	0

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43	0,000907	0,0726	-2,02e-07
44	0	0,0439	0
45	0,00183	0,0598	-9,5e-07
46	0	0	0
47	0,00121	0,0389	-2,23e-07
48	0	0	0
49	0,000851	0	0
50	0,000882	0	0