

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *Alfa Kira Track Magnetic 48W CCT Switch*  
Item No: *AZ6243*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ6243\_3000*  
LuminaireName: *Alfa Kira Track Magnetic 2Line 36W CCT Switch*  
LuminaireNumber: *AZ6243*  
FileName: *AZ6243\_3000.ldt*  
Date: *2024-09-23*

### Dimensions of luminaire

Length: *870 mm*  
Width: *24 mm*  
Height: *60 mm*

### Dimensions of luminous area

Length: *860 mm*  
Width: *14 mm*  
C0-plane *0 mm*  
C90-plane *0 mm*  
C180-plane *0 mm*  
C270-plane *0 mm*

## Lamps:

Number of lamps: *-1*

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*  
Total luminous flux: *2764,32 lm*  
Color temperatur: *3000 K*  
Color rendering index: *92,54*  
Wattage including ballast: *49,85 W*

### Utilization factors:

k = 0.60	<i>0,721</i>
k = 0.80	<i>0,765</i>
k = 1.00	<i>0,812</i>
k = 1.25	<i>0,848</i>
k = 1.50	<i>0,875</i>
k = 2.00	<i>0,925</i>
k = 2.50	<i>0,933</i>
k = 3.00	<i>0,946</i>
k = 4.00	<i>0,966</i>
k = 5.00	<i>0,980</i>

### Electrical parameters

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<i>U</i>	<i>= 229,685 V</i>
<i>I</i>	<i>= 0,228 A</i>
<i>P</i>	<i>= 49,846 W</i>
<i>Power factor</i>	<i>= 0,954</i>

<i>Power apparent</i>	<i>= 52,248 VA</i>
<i>Power Reactive</i>	<i>= -15,681 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 11,748 %</i>

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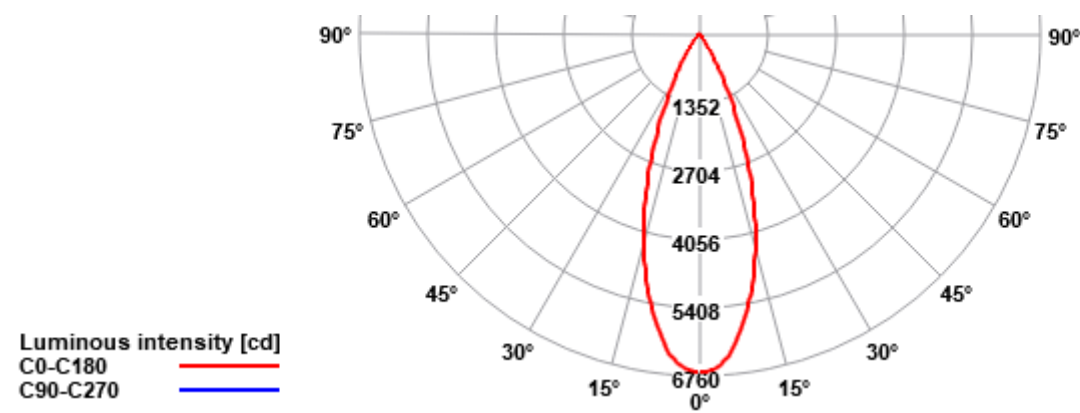
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2764,32 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	6693,53 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	55,45 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4334
y	0,3969
Angular Colour Uniformity	0,0031

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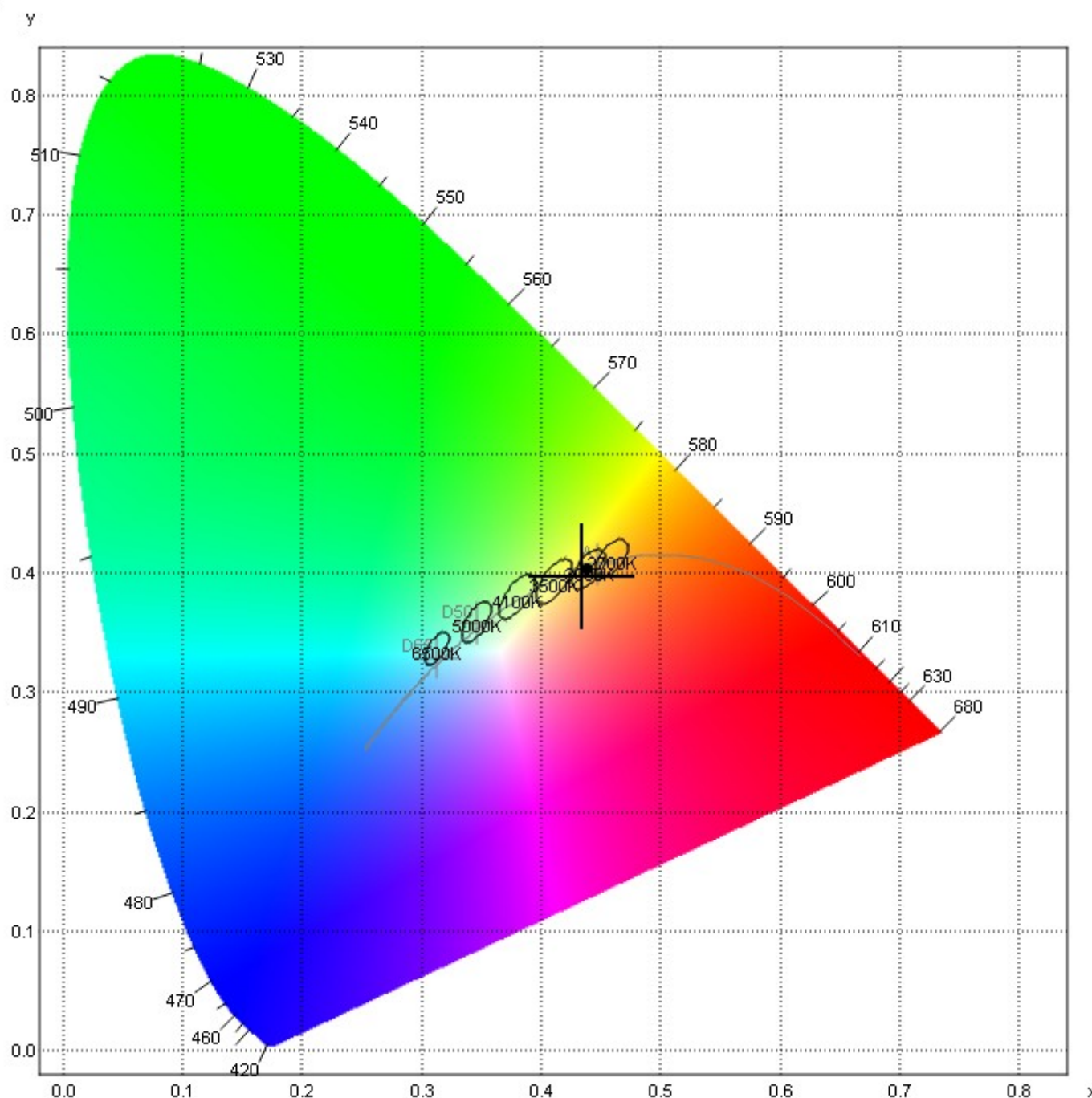
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## Beam cone

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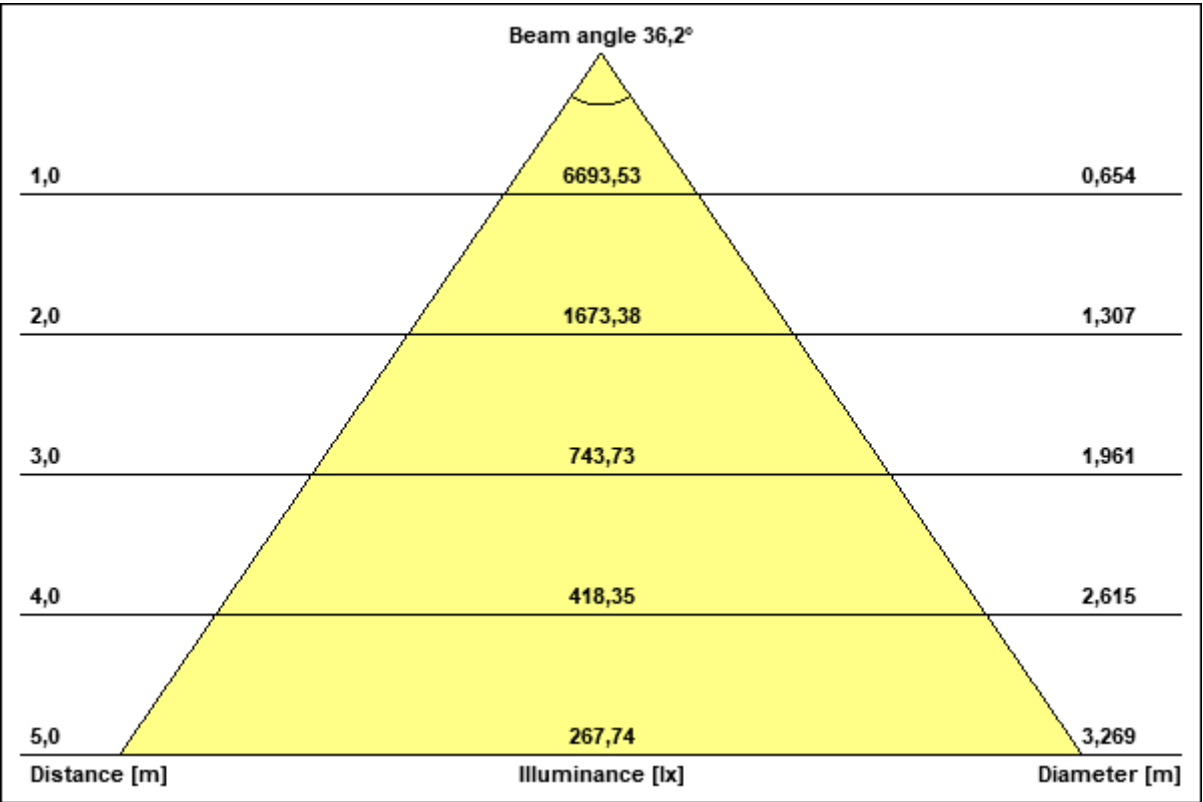
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## Stabilization

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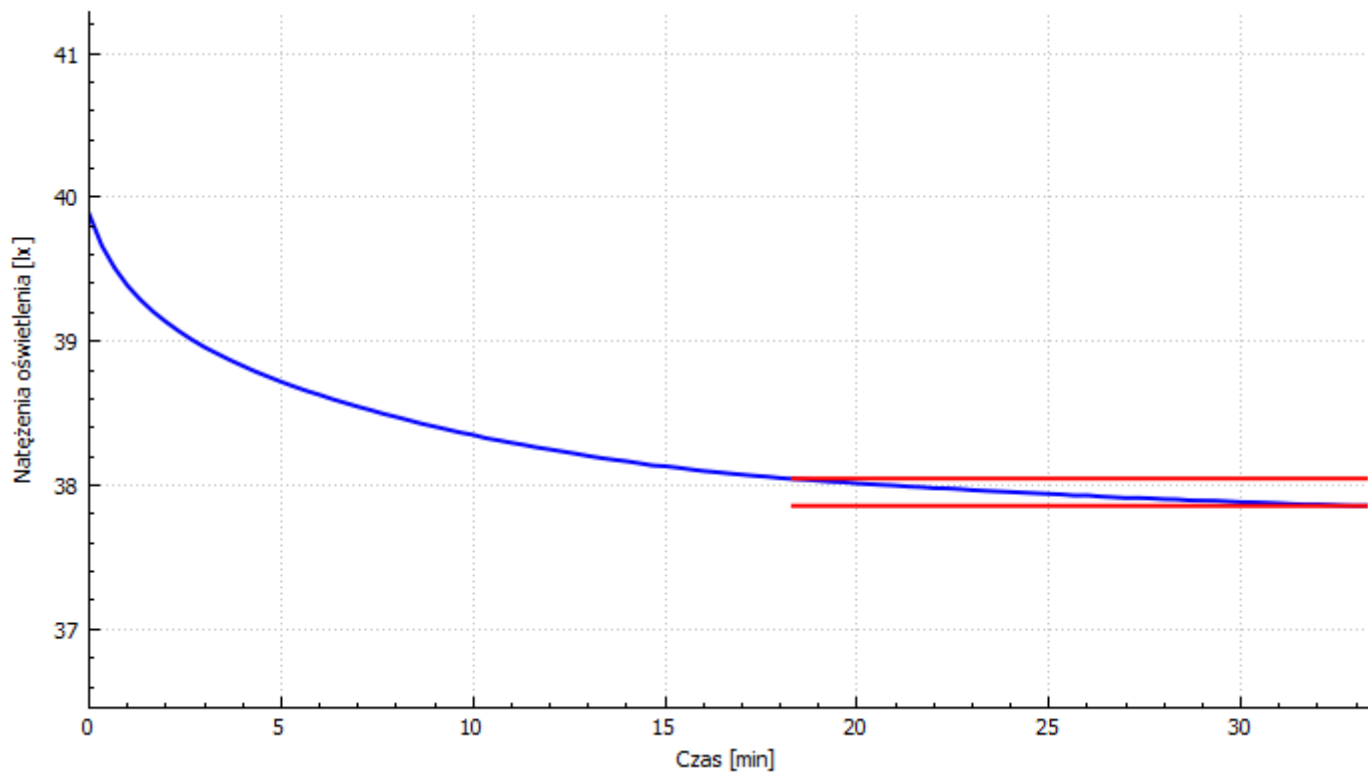
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### 3D Chart

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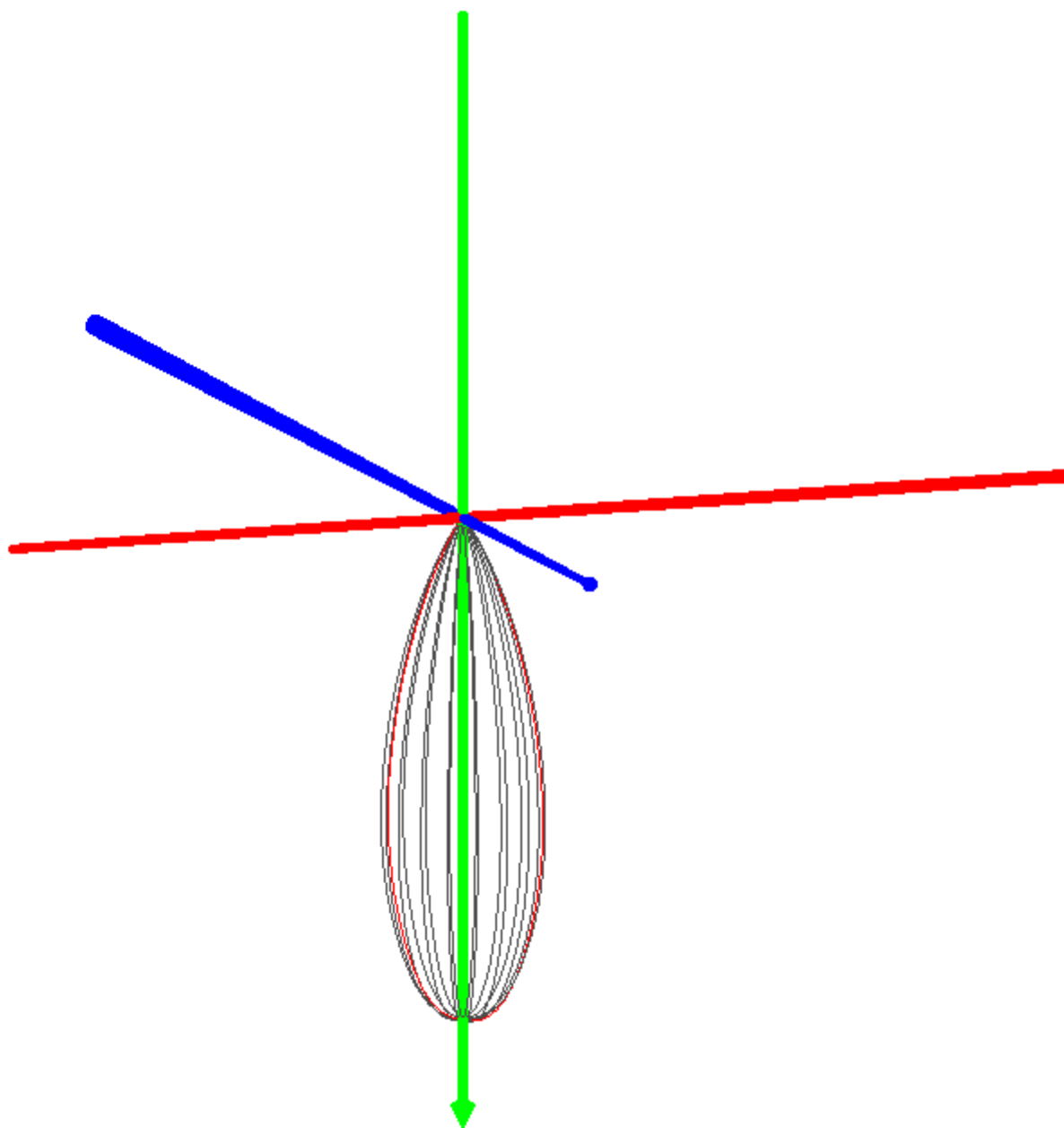
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## Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Extended  
electrical  
report

			P(%f)
0	0,0019	0,252	-1,17e-05
1	100,000	100,000	100,000
2	0,00403	0,235	-3,24e-06
3	0,0166	7,215	0,00115
4	0,00252	0,133	2,69e-06
5	0,0105	4,378	0,000514
6	0	0,133	0
7	0,00901	4,252	0,000416
8	0	0,121	0
9	0,00742	3,282	0,000215
10	0	0,161	-4,15e-09
11	0,0111	3,635	0,000192
12	0,000978	0,131	0
13	0,00467	1,669	1,37e-05
14	0	0,113	-8,79e-08
15	0,0111	3,102	0,000221
16	0	0,104	0
17	0,00337	0,475	1,06e-05
18	0	0,122	0
19	0,00817	1,901	0,000123
20	0	0,111	5,88e-07
21	0,0038	0,608	2,06e-05

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22	0,000845	0,136	0
23	0,0052	1,057	1,99e-05
24	0	0,0703	0
25	0,00485	0,904	2,01e-05
26	0	0,0722	0
27	0,00894	1,889	8,93e-05
28	0,00108	0,134	5,43e-07
29	0,00365	0,565	1,06e-05
30	0	0,142	-3,35e-08
31	0,00387	0,537	2,62e-05
32	0,000888	0,122	0
33	0,0025	0,145	-3,68e-06
34	0	0,0787	0
35	0,00452	0,610	1,88e-05
36	0,00113	0,0928	-1,08e-07
37	0	0,526	1,46e-06
38	0	0,0792	-1,79e-08
39	0,000913	0,190	-1,25e-06
40	0	0,149	-4,67e-07
41	0,0014	0,581	-9e-06
42	0,000856	0,0853	0
43	0,00457	0,464	7,36e-07
44	0,0012	0,118	2,42e-07
45	0,00428	0,710	1,73e-05
46	0,00101	0,132	-7,98e-07
47	0,00432	0,483	4,66e-06
48	0,000947	0,113	5,02e-07
49	0,00538	0,730	1,3e-05
50	0,00161	0,184	-8,06e-07

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