

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Alfa 2Line Corner90 A 24W CCT Switch DIMM*

Item No: *AZ6244*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6244_6000*

LuminaireName: *Alfa 2Line Saga Corner A 24W CCT Switch DIMM*

LuminaireNumber: *AZ6244*

FileName: *AZ6244_6000.ldt*

Date: *2024-10-02*

Dimensions of luminaire

Length: *240 mm*

Width: *220 mm*

Height: *60 mm*

Dimensions of luminous area

Length: *238 mm*

Width: *218 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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NIP: 783-171-97-20

ul. Poznańska 70

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REGON 360317241

PL-62-040 Puszczkowsko; Poland

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

KRS: 0000537079

Tel.: +48 61 819 40 03

SWIFT BIC: RCBWPLPW

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Type of lamps: *LED*
 Total luminous flux: *1032,00 lm*
 Color temperatur: *7274 K*
 Color rendering index: *93,46*
 Wattage including ballast: *25,58 W*

Utilization factors:

$k = 0.60$	<i>0,317</i>
$k = 0.80$	<i>0,402</i>
$k = 1.00$	<i>0,477</i>
$k = 1.25$	<i>0,550</i>
$k = 1.50$	<i>0,607</i>
$k = 2.00$	<i>0,694</i>
$k = 2.50$	<i>0,741</i>
$k = 3.00$	<i>0,777</i>
$k = 4.00$	<i>0,827</i>
$k = 5.00$	<i>0,858</i>

Electrical parameters

U = *229,613 V*
 I = *0,125 A*
 P = *25,582 W*
 Power factor = *0,888*

Power apparent = *28,811 VA*
 Power Reactive = *-13,251 var*
 Frequency Voltage = *50,002 Hz*
 THD = *24,240 %*

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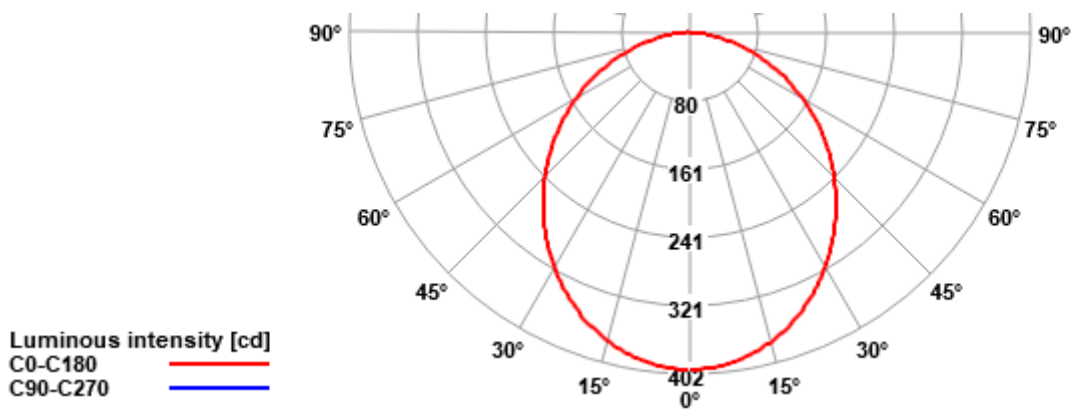
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminaire flux)	1032,00 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	397,94 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	40,34 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3033
y	0,3120
Angular Colour Uniformity	0,0027

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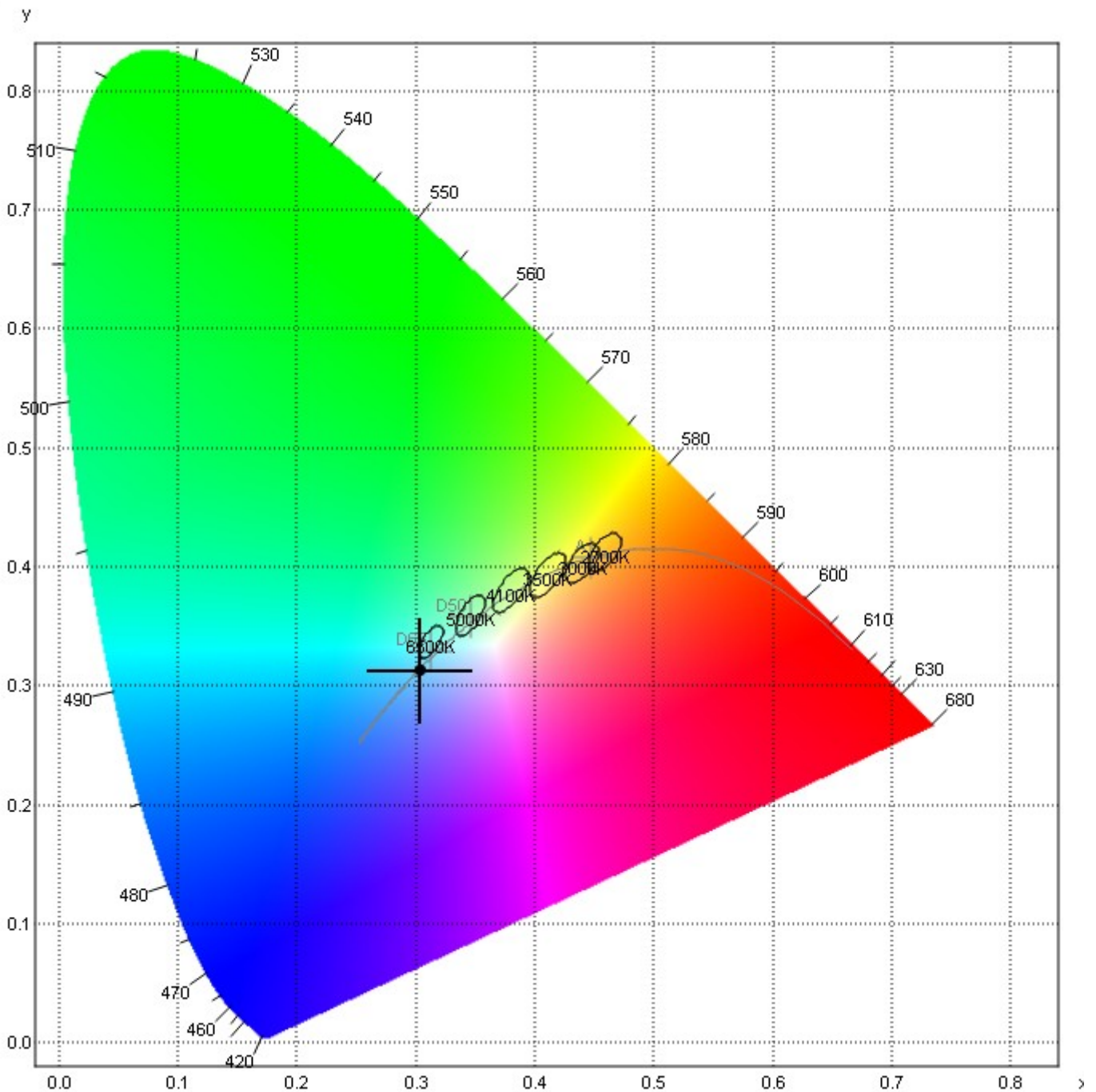
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Beam cone

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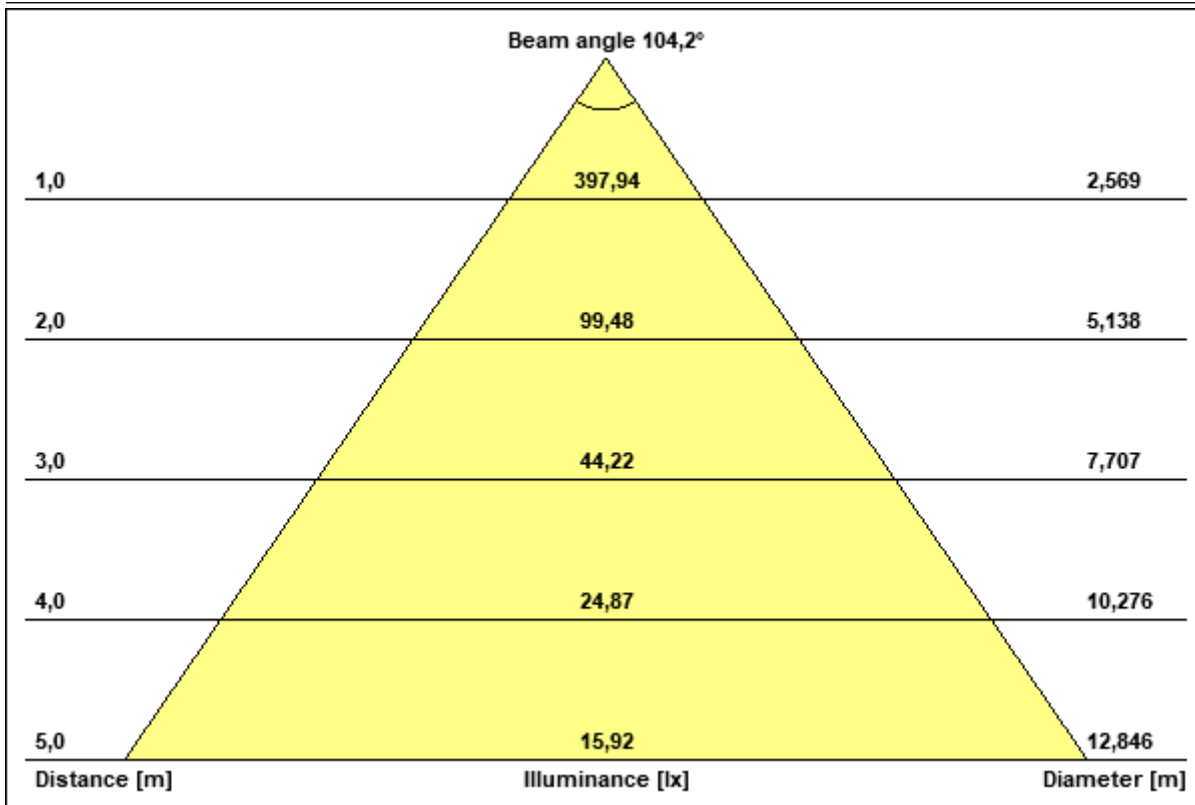
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Stabilization

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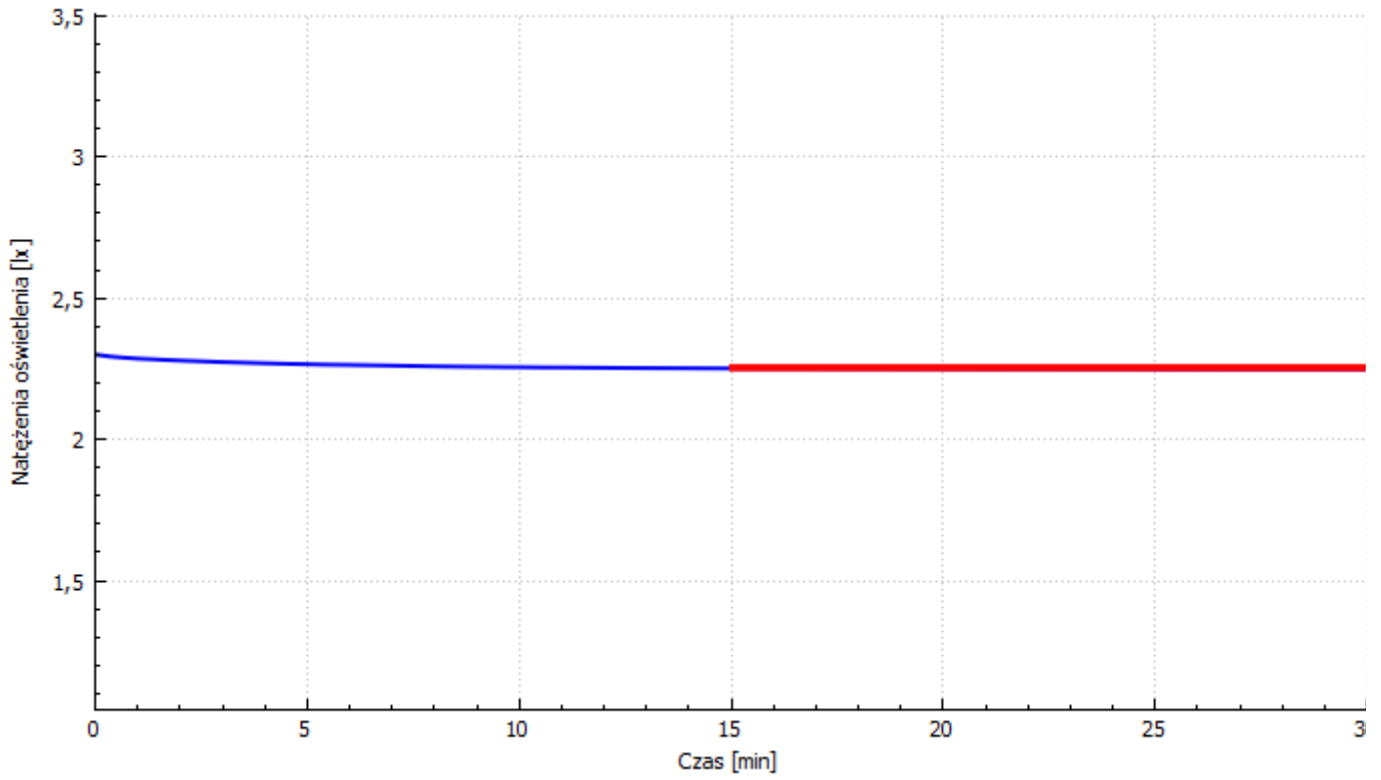
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3D Chart

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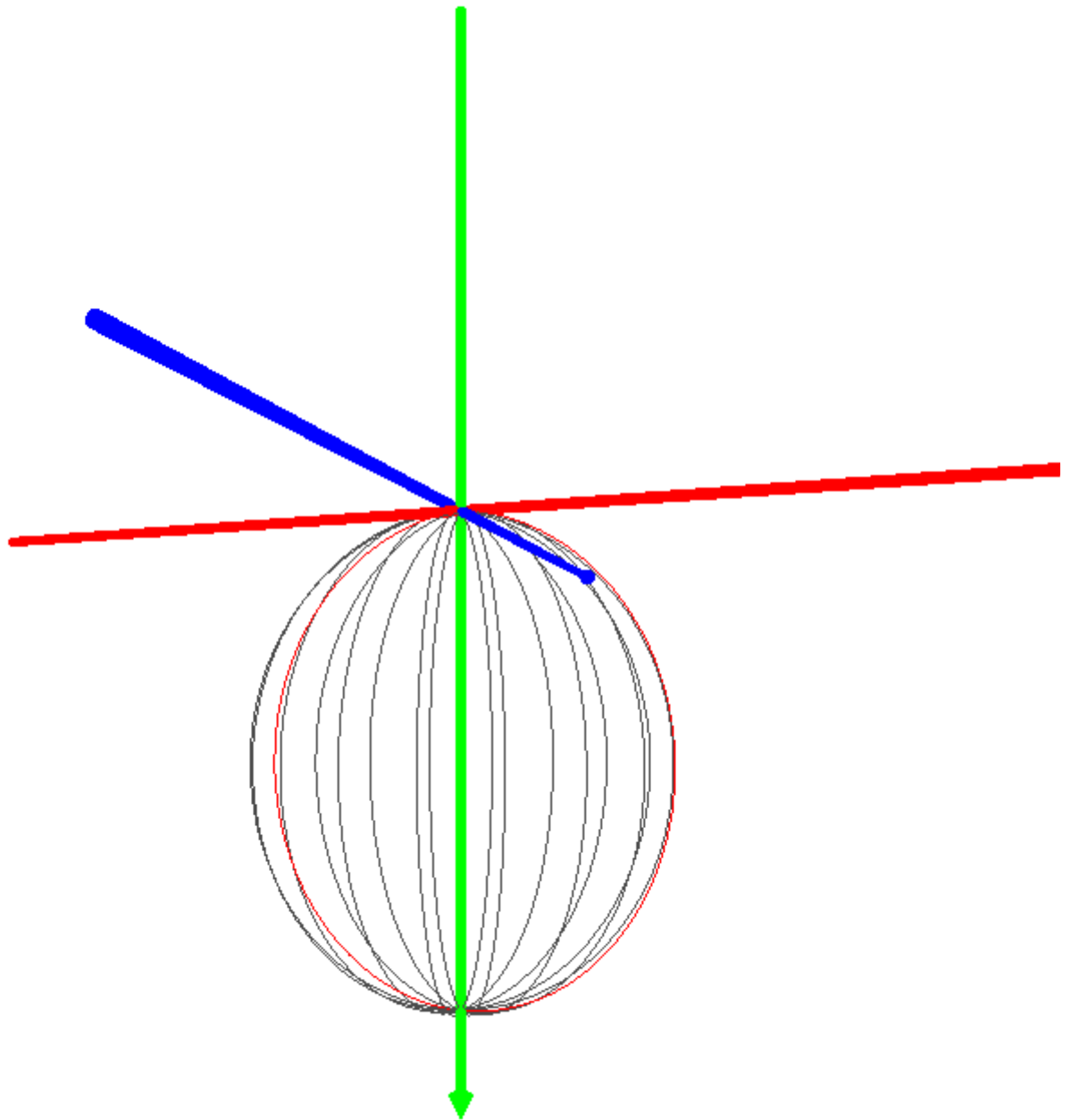
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Legend

— C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

P(%f)

**Ext
end
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0	0,00227	0,230	9,25e-06
1	100,000	100,000	100,000
2	0,00406	0,330	1,11e-05
3	0,00787	16,732	0,000345
4	0,00229	0,177	3,31e-06
5	0,00319	11,828	0,000314
6	0,0011	0,186	-9,8e-07
7	0,00406	7,562	6,53e-05
8	0	0,212	3,92e-08
9	0,00557	4,479	1,64e-05
10	0	0,152	0
11	0,00767	4,050	8,81e-05
12	0	0,209	-7,85e-09
13	0,00394	2,190	8,94e-06
14	0	0,207	0
15	0,0051	3,839	-2,27e-05
16	0	0,153	0
17	0,00202	1,339	4,09e-06
18	0	0,171	0
19	0,00255	1,507	1,16e-05
20	0	0,257	-1,05e-06
21	0,00398	1,698	-3,93e-05

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22	0	0,133	-1,2e-06
23	0,0014	0,700	1,23e-05
24	0	0,155	-1,79e-06
25	0,0058	2,472	3,05e-05
26	0,000956	0,241	-1,1e-06
27	0,00511	1,916	1,29e-05
28	0,000949	0,136	-5,54e-07
29	0,00581	2,501	-2,71e-06
30	0	0,178	-1,31e-07
31	0,00851	2,643	3,62e-05
32	0	0,216	-8,99e-07
33	0,00952	2,643	4,34e-05
34	0,000892	0,173	2,46e-07
35	0,0098	2,973	8,45e-05
36	0,00116	0,0846	-3,14e-06
37	0,00547	1,891	3,46e-05
38	0	0,245	4,33e-08
39	0,0092	2,744	6,02e-05
40	0	0,187	1,09e-06
41	0,00929	2,019	8,12e-05
42	0,00088	0,174	-3,68e-07
43	0,00897	2,040	7,68e-05
44	0	0,141	7,42e-07
45	0,00514	1,669	2,36e-05
46	0	0,148	4,44e-07
47	0,00357	1,157	6,02e-06
48	0	0,166	7,05e-07
49	0,00517	1,350	2,39e-06
50	0,00123	0,241	6,06e-07

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