

## GL GONIOSPECTROMETER MEASUREMENT TAG LIST

### Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*

Model name: *Alexandria Wall*

Item No: *AZ6558*

Serial No.: *AZ6558*

Made by: *A. Nawrot*

### Eulumdat Fields

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#### Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6558*

LuminaireName: *Alexandria Wall*

LuminaireNumber: *AZ6558*

FileName: *AZ6558.ldt*

Date: *2025-07-15*

#### Dimensions of luminaire

Length: *180 mm*

Width: *0 mm*

Height: *60 mm*

#### Dimensions of luminous area

Length: *180 mm*

Width: *0 mm*

C0-plane *0 mm*

C90-plane *0 mm*

C180-plane *0 mm*

C270-plane *0 mm*

### Lamps:

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EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Number of lamps: -1  
Type of lamps: LED  
Total luminous flux: 357,36 lm  
Color temperatur: 2958 K  
Color rendering index: 82,12  
Wattage including ballast: 8,15 W

### Utilization factors:

|          |       |
|----------|-------|
| k = 0.60 | 0,325 |
| k = 0.80 | 0,406 |
| k = 1.00 | 0,475 |
| k = 1.25 | 0,539 |
| k = 1.50 | 0,587 |
| k = 2.00 | 0,659 |
| k = 2.50 | 0,695 |
| k = 3.00 | 0,724 |
| k = 4.00 | 0,765 |
| k = 5.00 | 0,792 |

### Electrical parameters

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$U$  = 229,661 V  
 $I$  = 0,065 A  
 $P$  = 8,154 W  
Power factor = 0,546

Power apparent = 14,924 VA  
Power Reactive = -12,499 var  
Frequency Voltage = 50,002 Hz  
THD = 23223,784 %

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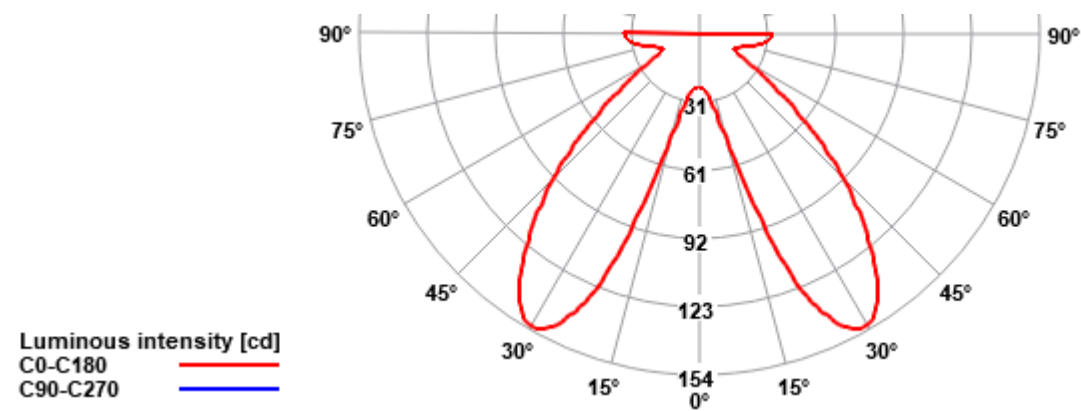
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Temperature = 25 C

Goniometric measurement results

|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 357,36 lm  |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | -0,00 %    |
| Maximum luminous intensity           | 152,09 cd  |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 43,85 lm/W |

Light intensity distribution diagram



CIE 1931 diagram

|                           |        |
|---------------------------|--------|
| x                         | 0,4373 |
| y                         | 0,3998 |
| Angular Colour Uniformity | 0,0074 |

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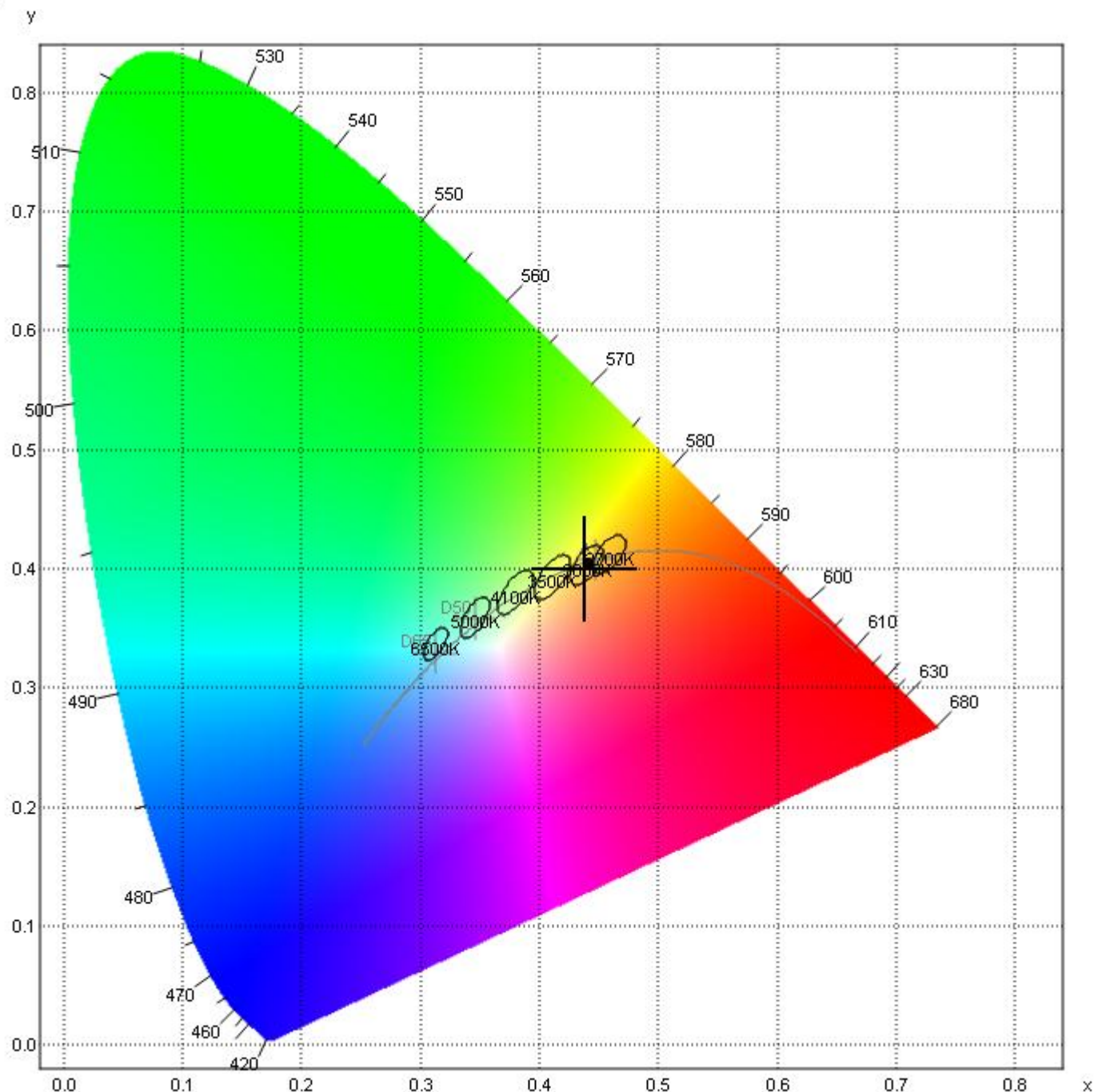
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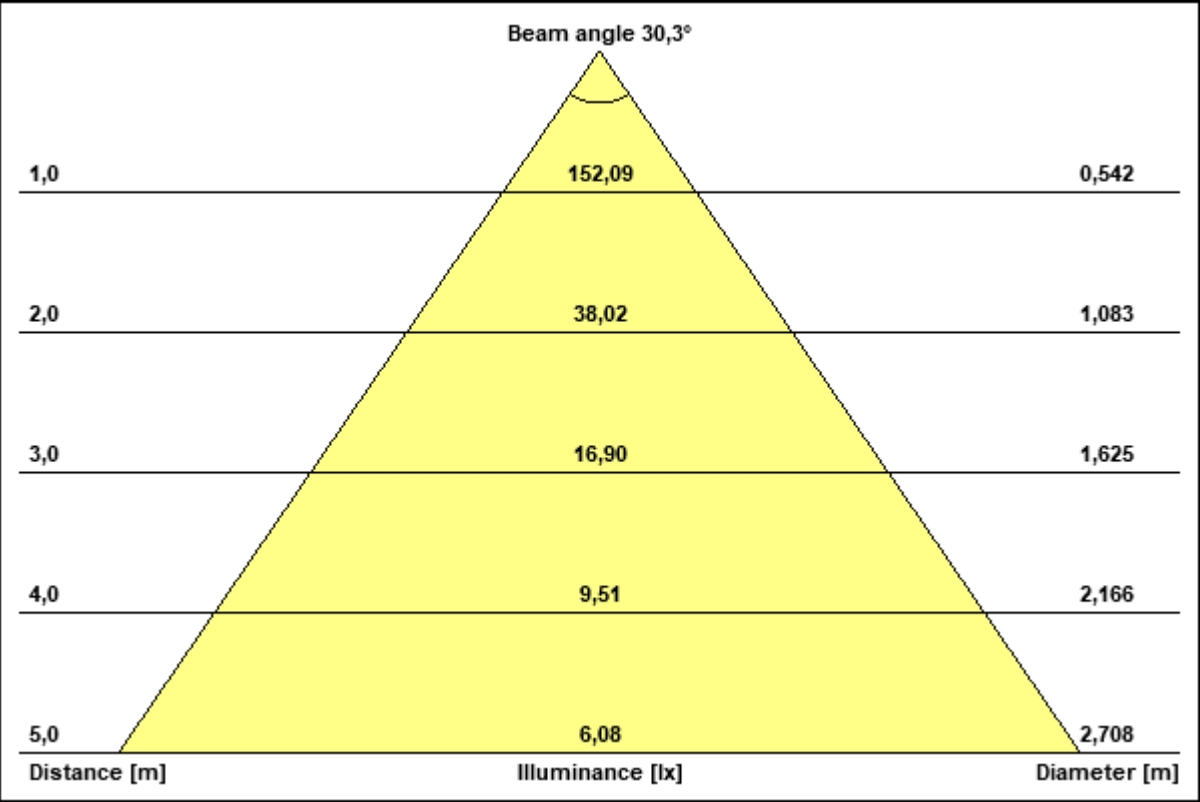
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# Beam cone



# Stabilization

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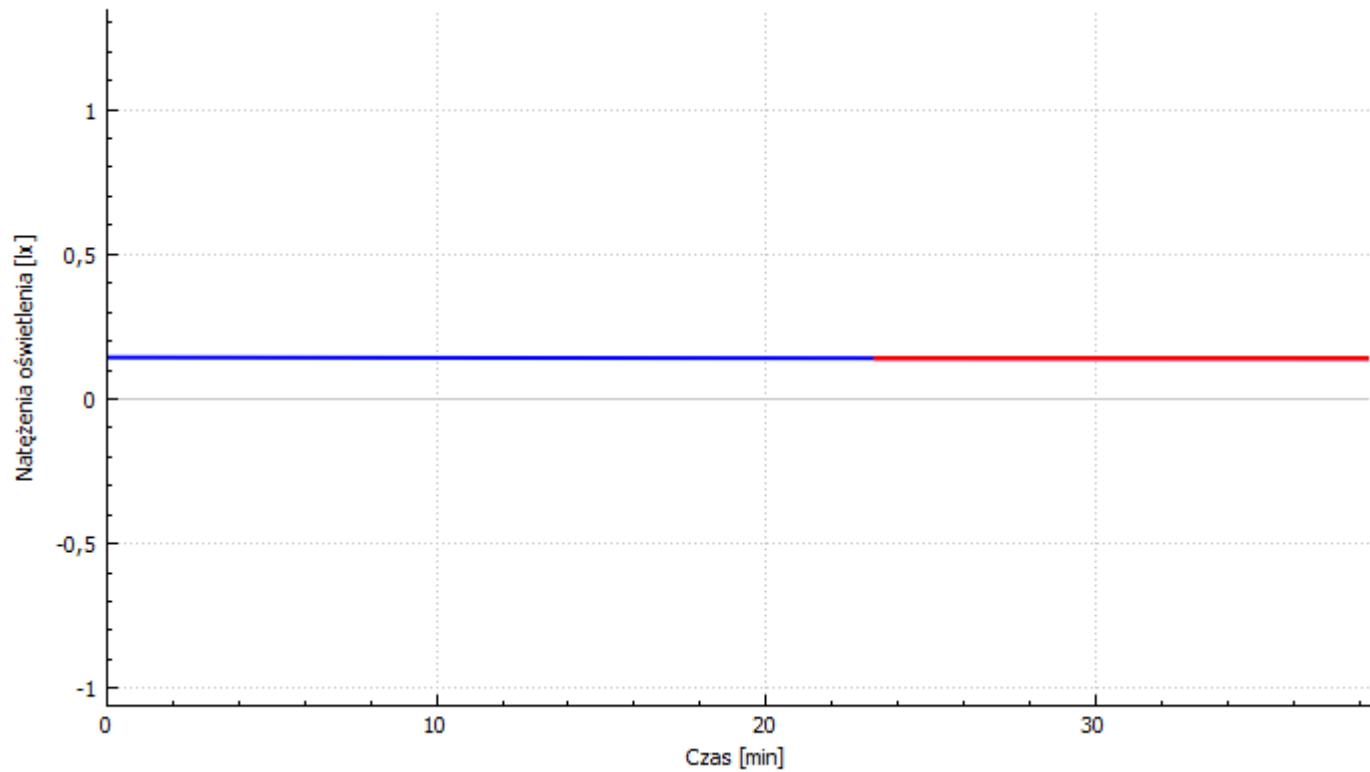
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### 3D Chart

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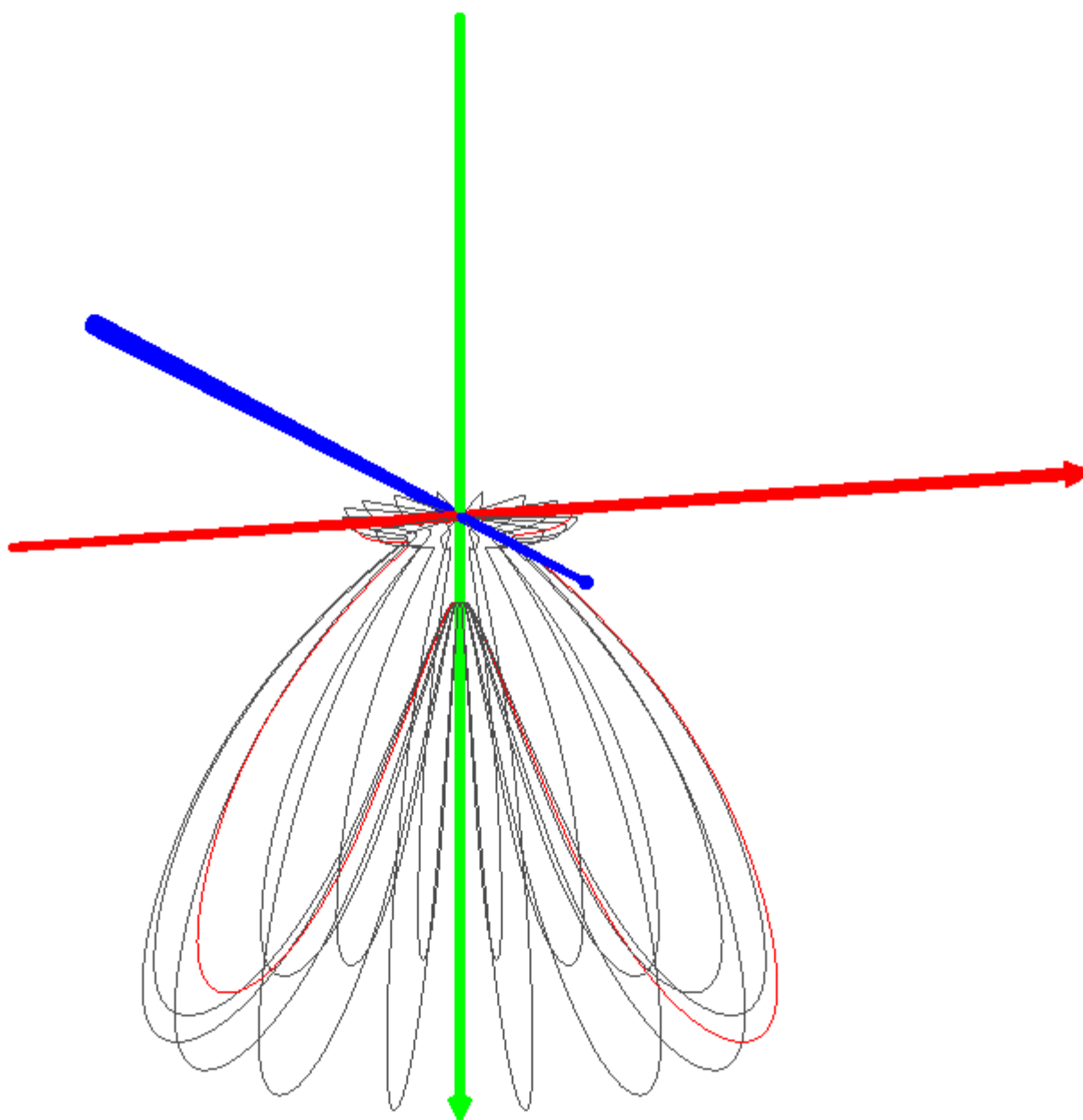
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## Legend

— - C0-C180

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- C90-C270  
- G0-G180

Extended  
electrical  
report

U(%f)

I(%f)

P(%f)

|    |          |         |          |
|----|----------|---------|----------|
| 0  | 0        | 0       | 0        |
| 1  | 100,000  | 100,000 | 100,000  |
| 2  | 0,00711  | 0       | 0        |
| 3  | 0,00845  | 72,829  | 0,00509  |
| 4  | 0,00187  | 0       | 0        |
| 5  | 0,0111   | 49,866  | 0,00184  |
| 6  | 0,00295  | 0       | 0        |
| 7  | 0,00987  | 28,298  | 0,00193  |
| 8  | 0,00124  | 0       | 0        |
| 9  | 0,00442  | 18,863  | 0,000259 |
| 10 | 0,000961 | 0       | 0        |
| 11 | 0,00854  | 18,493  | 0,000975 |
| 12 | 0,00201  | 0       | 0        |
| 13 | 0,00631  | 16,045  | 0,000758 |
| 14 | 0        | 0       | 0        |
| 15 | 0,00598  | 12,314  | 0,000215 |
| 16 | 0,00109  | 0       | 0        |
| 17 | 0,00435  | 11,199  | 0,000201 |
| 18 | 0        | 0       | 0        |
| 19 | 0,00605  | 11,027  | 0,000134 |
| 20 | 0        | 0       | 0        |

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|    |          |        |           |
|----|----------|--------|-----------|
| 21 | 0,00842  | 9,625  | 5,16e-06  |
| 22 | 0,00117  | 0      | 0         |
| 23 | 0,00302  | 8,327  | -0,000165 |
| 24 | 0        | 0      | 0         |
| 25 | 0,00616  | 8,190  | 0,000121  |
| 26 | 0        | 0      | 0         |
| 27 | 0,00532  | 7,849  | -4,72e-05 |
| 28 | 0        | 0      | 0         |
| 29 | 0,00574  | 7,060  | 0,00011   |
| 30 | 0,000935 | 0      | 0         |
| 31 | 0,00664  | 6,731  | 0,000128  |
| 32 | 0,000959 | 0      | 0         |
| 33 | 0,00628  | 6,684  | 0,000138  |
| 34 | 0        | 0      | 0         |
| 35 | 0,00738  | 6,300  | 7,14e-05  |
| 36 | 0        | 0,0488 | 0         |
| 37 | 0,00616  | 5,820  | 6,96e-05  |
| 38 | 0,00101  | 0      | 0         |
| 39 | 0,00627  | 5,685  | 1,2e-05   |
| 40 | 0        | 0      | 0         |
| 41 | 0,00534  | 5,536  | 0,000106  |
| 42 | 0        | 0      | 0         |
| 43 | 0,00656  | 5,244  | 3,03e-05  |
| 44 | 0,000893 | 0      | 0         |
| 45 | 0,00564  | 5,051  | 4,57e-05  |
| 46 | 0        | 0      | 0         |
| 47 | 0,00648  | 5,024  | -2,08e-05 |
| 48 | 0        | 0,0542 | 0         |
| 49 | 0,00791  | 4,905  | -2,7e-05  |
| 50 | 0,000854 | 0,0538 | 0         |

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