

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*

Model name: *Feda 120*

Item No: *AZ6533*

Serial No.: *AZ6533*

Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6533\_uplight*

LuminaireName: *Fada 120*

LuminaireNumber: *AZ6533*

FileName: *AZ6533\_uplight.ldt*

Date: *2025-07-18*

### Dimensions of luminaire

Length: *1200 mm*

Width: *20 mm*

Height: *1000 mm*

### Dimensions of luminous area

Length: *1000 mm*

Width: *15 mm*

C0-plane *0 mm*

C90-plane *0 mm*

C180-plane *0 mm*

C270-plane *0 mm*

## Lamps:

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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: 561,22 lm  
Color temperatur: 3105 K  
Color rendering index: 93,16  
Wattage including ballast: 34,58 W

### Utilization factors:

|          |       |
|----------|-------|
| k = 0.60 | 0,697 |
| k = 0.80 | 0,742 |
| k = 1.00 | 0,791 |
| k = 1.25 | 0,828 |
| k = 1.50 | 0,856 |
| k = 2.00 | 0,908 |
| k = 2.50 | 0,918 |
| k = 3.00 | 0,932 |
| k = 4.00 | 0,953 |
| k = 5.00 | 0,968 |

### Electrical parameters

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|                     |             |
|---------------------|-------------|
| <i>U</i>            | = 229,626 V |
| <i>I</i>            | = 0,154 A   |
| <i>P</i>            | = 34,575 W  |
| <i>Power factor</i> | = 0,979     |

|                          |              |
|--------------------------|--------------|
| <i>Power apparent</i>    | = 35,314 VA  |
| <i>Power Reactive</i>    | = -7,152 var |
| <i>Frequency Voltage</i> | = 50,002 Hz  |
| <i>THD</i>               | = 5,180 %    |

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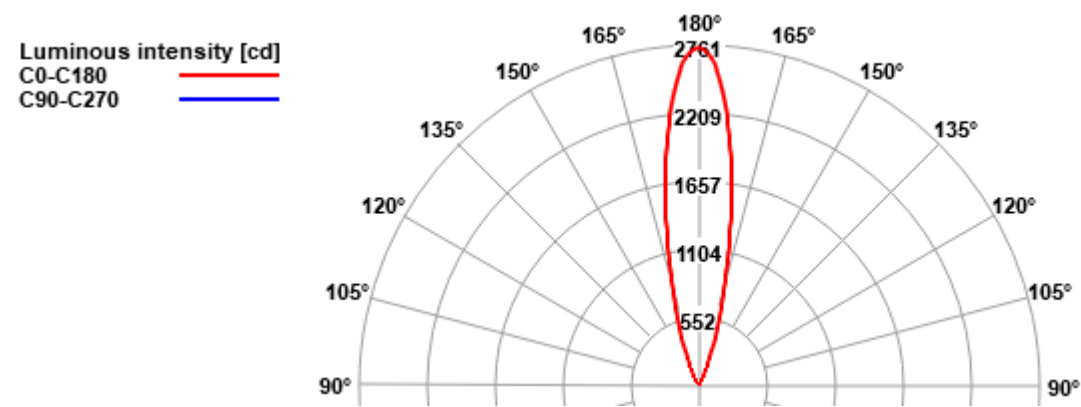
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Temperature = 25 C

Goniometric measurement results

|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 561,22 lm  |
| Flux in lower hemisphere             | 0,00 %     |
| Flux in upper hemisphere             | 100,00 %   |
| Maximum luminous intensity           | 2733,75 cd |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 16,23 lm/W |

Light intensity distribution diagram



CIE 1931 diagram

|                           |        |
|---------------------------|--------|
| x                         | 0,4308 |
| y                         | 0,4039 |
| Angular Colour Uniformity | 0,0075 |

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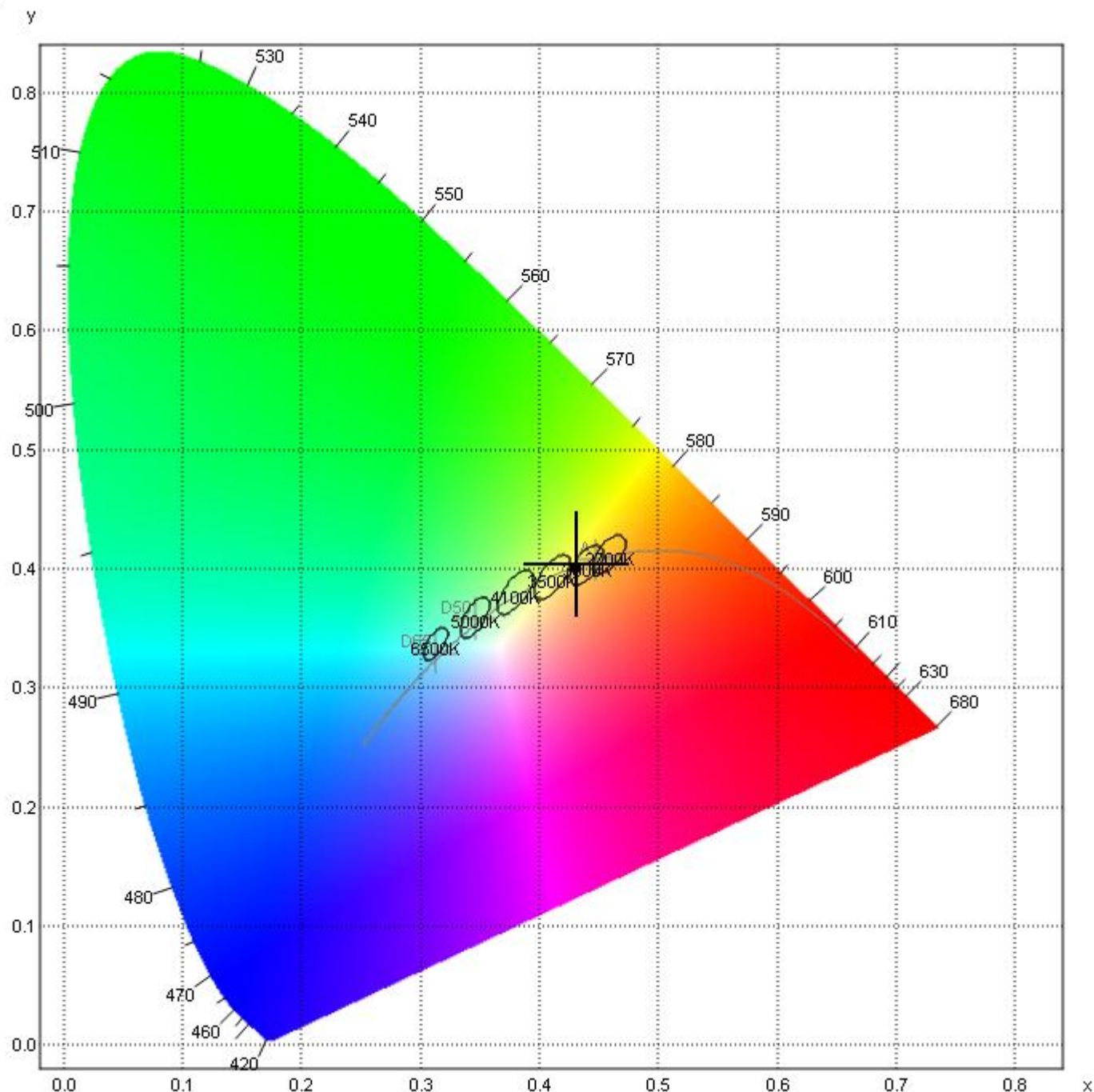
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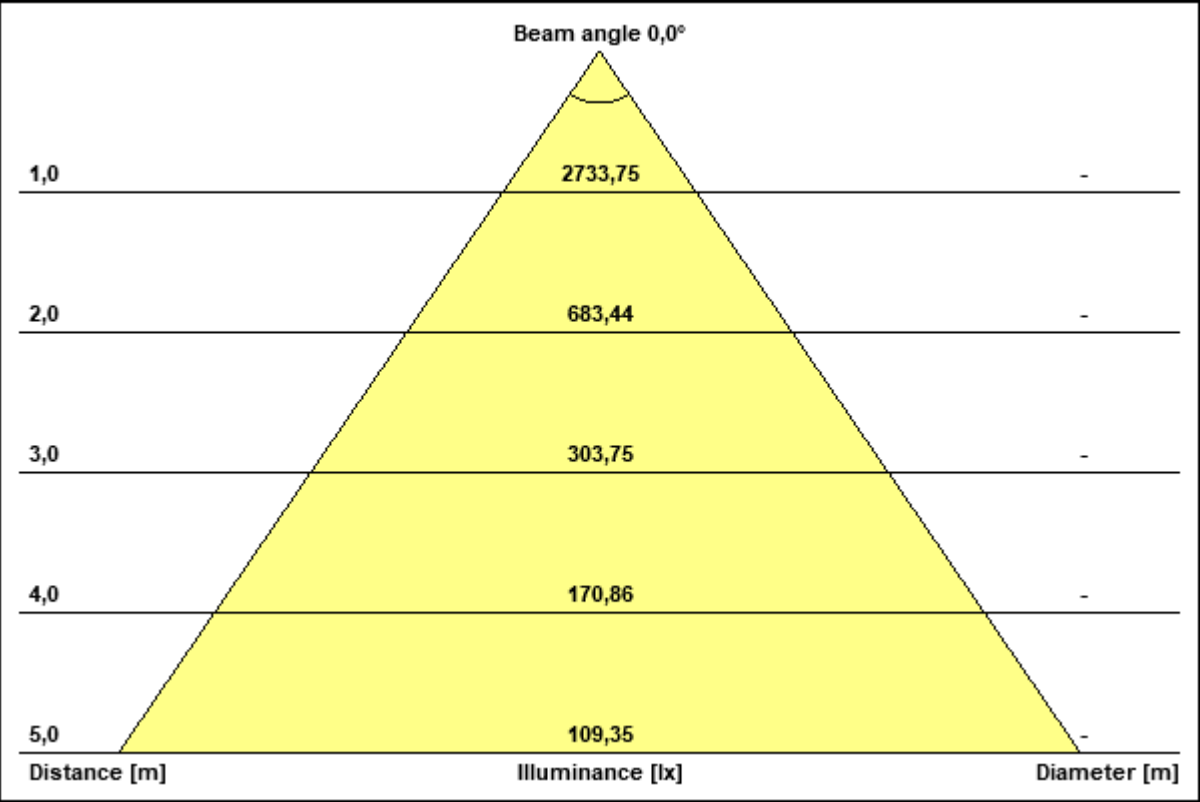
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## Beam cone



## Stabilization

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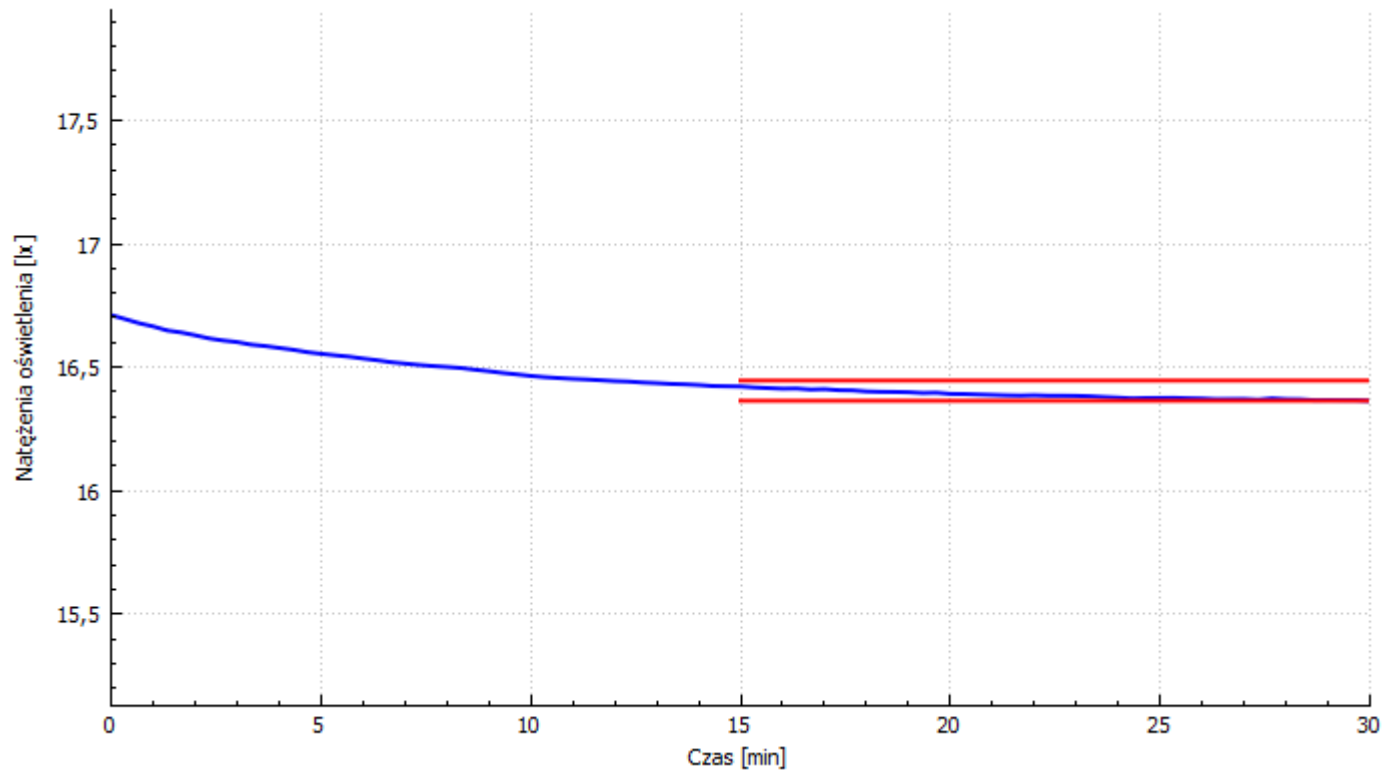
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### 3D Chart

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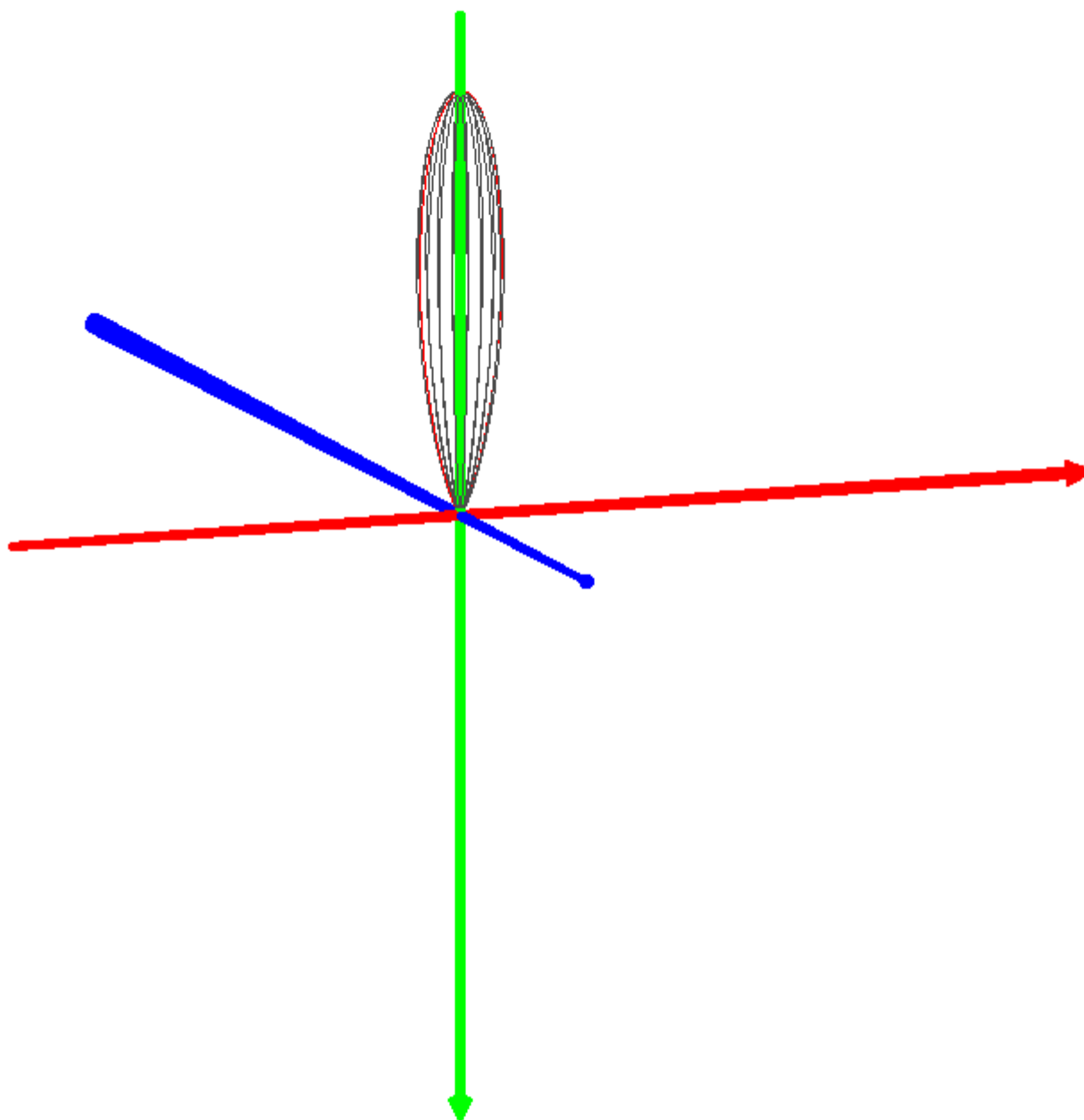
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## Legend

— - C0-C180

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- C90-C270  
- G0-G180

Extended  
electrical  
report

U(%f)

I(%f)

P(%f)

|    |          |         |           |
|----|----------|---------|-----------|
| 0  | 0,00492  | 0,133   | 6,88e-06  |
| 1  | 100,000  | 100,000 | 100,000   |
| 2  | 0,00567  | 0,100   | 1,2e-06   |
| 3  | 0,00334  | 4,438   | 2,46e-05  |
| 4  | 0,00239  | 0,0676  | 2,04e-08  |
| 5  | 0,00679  | 0,897   | -4,69e-05 |
| 6  | 0,00123  | 0,038   | 2,33e-07  |
| 7  | 0,00464  | 0,350   | -1,16e-05 |
| 8  | 0,000859 | 0       | -4,77e-07 |
| 9  | 0,00172  | 0,879   | -1,11e-05 |
| 10 | 0,000976 | 0,0519  | 5,86e-07  |
| 11 | 0,00411  | 1,194   | 1,54e-05  |
| 12 | 0,00101  | 0,0499  | 1,55e-07  |
| 13 | 0,00355  | 1,323   | 1,18e-05  |
| 14 | 0,00149  | 0,0371  | -6,29e-08 |
| 15 | 0,00288  | 1,087   | 5,46e-07  |
| 16 | 0,00127  | 0,0655  | 0         |
| 17 | 0,00132  | 0,749   | -3,28e-06 |
| 18 | 0        | 0,0702  | 1,64e-07  |
| 19 | 0,000859 | 0,462   | 2,7e-06   |
| 20 | 0,000836 | 0,0343  | 0         |

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|    |          |        |           |
|----|----------|--------|-----------|
| 21 | 0        | 0,420  | 0         |
| 22 | 0,00109  | 0,0391 | 0         |
| 23 | 0,00409  | 0,337  | -8,58e-08 |
| 24 | 0        | 0      | 3,86e-07  |
| 25 | 0,00203  | 0,322  | 2,89e-06  |
| 26 | 0        | 0,0502 | 0         |
| 27 | 0,00127  | 0,276  | 2,97e-06  |
| 28 | 0        | 0,0723 | 0         |
| 29 | 0        | 0,209  | 0         |
| 30 | 0        | 0,0692 | 0         |
| 31 | 0,00165  | 0,144  | 2,12e-06  |
| 32 | 0,00121  | 0,07   | -5,87e-07 |
| 33 | 0,000935 | 0,0661 | -4,14e-07 |
| 34 | 0        | 0,0614 | 0         |
| 35 | 0        | 0,072  | 0         |
| 36 | 0,000915 | 0,0517 | 3,08e-07  |
| 37 | 0        | 0,0501 | -6,95e-08 |
| 38 | 0,00145  | 0,0445 | -2,11e-07 |
| 39 | 0,00143  | 0,133  | -5,21e-07 |
| 40 | 0,000975 | 0,0506 | 0         |
| 41 | 0,00137  | 0,0614 | -6,84e-07 |
| 42 | 0,00117  | 0,058  | 0         |
| 43 | 0        | 0,150  | 0         |
| 44 | 0,00122  | 0,053  | -8,01e-08 |
| 45 | 0,00212  | 0,113  | 3,08e-06  |
| 46 | 0,00152  | 0,0335 | 9,18e-08  |
| 47 | 0,00248  | 0,201  | 1,83e-06  |
| 48 | 0,00152  | 0,0438 | 0         |
| 49 | 0,00151  | 0,147  | 2,64e-06  |
| 50 | 0,00119  | 0,0285 | -8,57e-08 |

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