

## GL GONIOSPECTROMETER MEASUREMENT TAG LIST

### Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*

Model name: *Spark Waves Pendant 120 CCT DIMM + RC*

Item No: *AZ6562*

Serial No.: *AZ6562*

Made by: *A. Nawrot*

### Eulumdat Fields

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#### Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6562\_CW*

LuminaireName: *Spark Waves Pendant 120 CCT DIMM Remote Control*

LuminaireNumber: *AZ6562*

FileName: *AZ6562\_CW.Idt*

Date: *2025-08-05*

#### Dimensions of luminaire

Length: *1200 mm*

Width: *260 mm*

Height: *1000 mm*

#### Dimensions of luminous area

Length: *1200 mm*

Width: *260 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

Kapitał 200.000PLN

Number of lamps: -1  
Type of lamps: LED  
Total luminous flux: 4465,73 lm  
Color temperatur: 4063 K  
Color rendering index: 81,82  
Wattage including ballast: 68,78 W

### Utilization factors:

|          |       |
|----------|-------|
| k = 0.60 | 0,194 |
| k = 0.80 | 0,282 |
| k = 1.00 | 0,357 |
| k = 1.25 | 0,434 |
| k = 1.50 | 0,494 |
| k = 2.00 | 0,585 |
| k = 2.50 | 0,640 |
| k = 3.00 | 0,683 |
| k = 4.00 | 0,741 |
| k = 5.00 | 0,779 |

### Electrical parameters

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|                     |             |
|---------------------|-------------|
| <i>U</i>            | = 229,654 V |
| <i>I</i>            | = 0,309 A   |
| <i>P</i>            | = 68,779 W  |
| <i>Power factor</i> | = 0,969     |

|                          |               |
|--------------------------|---------------|
| <i>Power apparent</i>    | = 70,993 VA   |
| <i>Power Reactive</i>    | = -17,570 var |
| <i>Frequency Voltage</i> | = 50,002 Hz   |
| <i>THD</i>               | = 9,765 %     |

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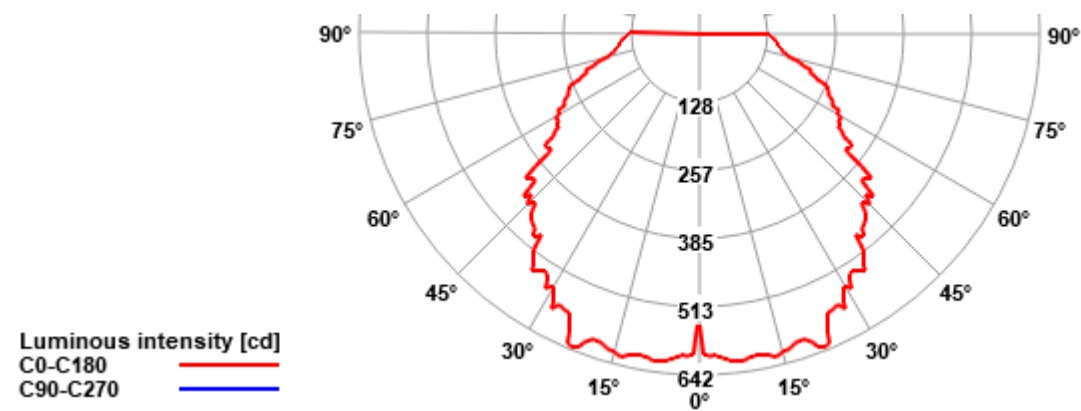
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Temperature = 25 C

Goniometric measurement results

|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 4465,73 lm |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | 0,00 %     |
| Maximum luminous intensity           | 2023,52 cd |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 64,93 lm/W |

Light intensity distribution diagram



CIE 1931 diagram

|                           |        |
|---------------------------|--------|
| x                         | 0,3795 |
| y                         | 0,3820 |
| Angular Colour Uniformity | 0,0062 |

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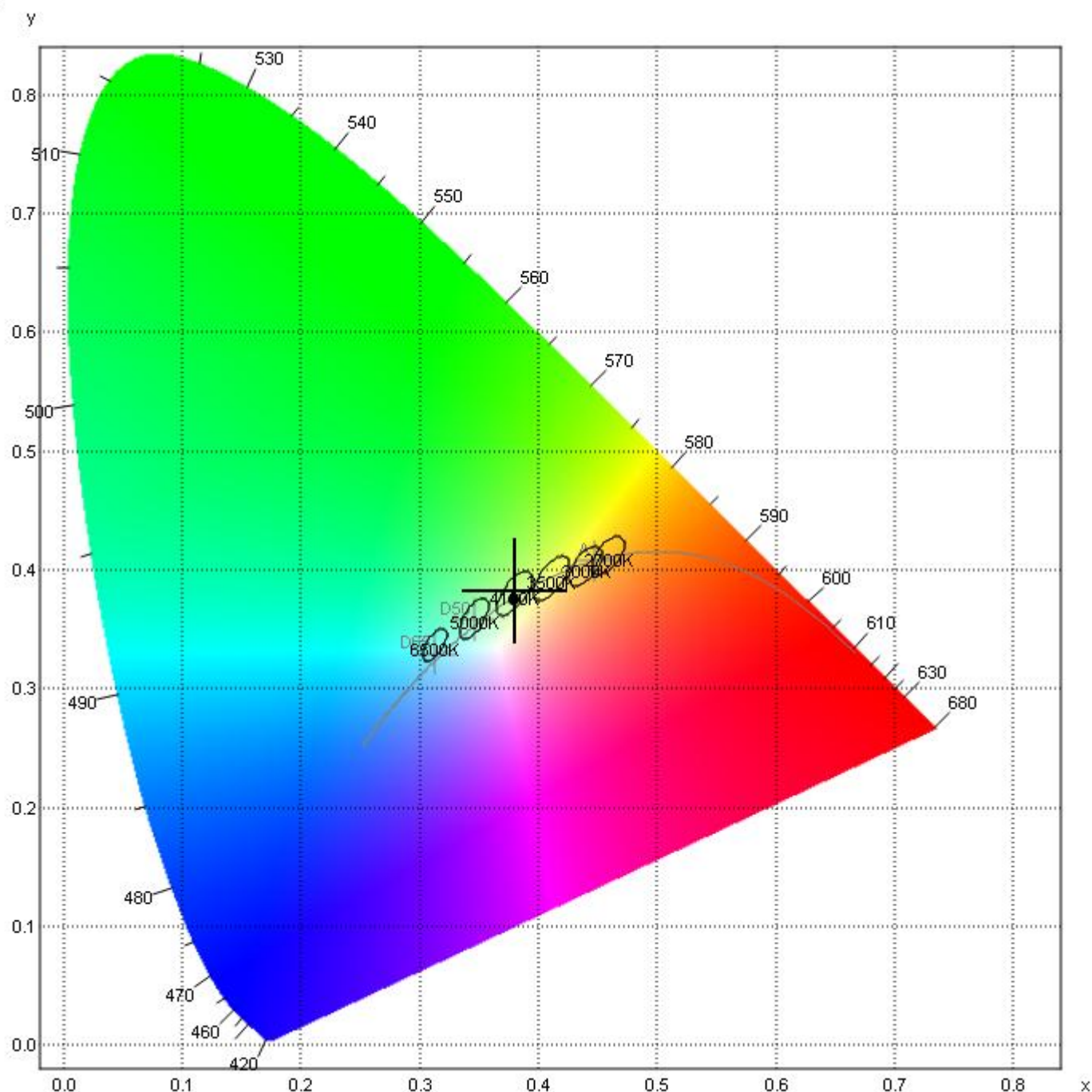
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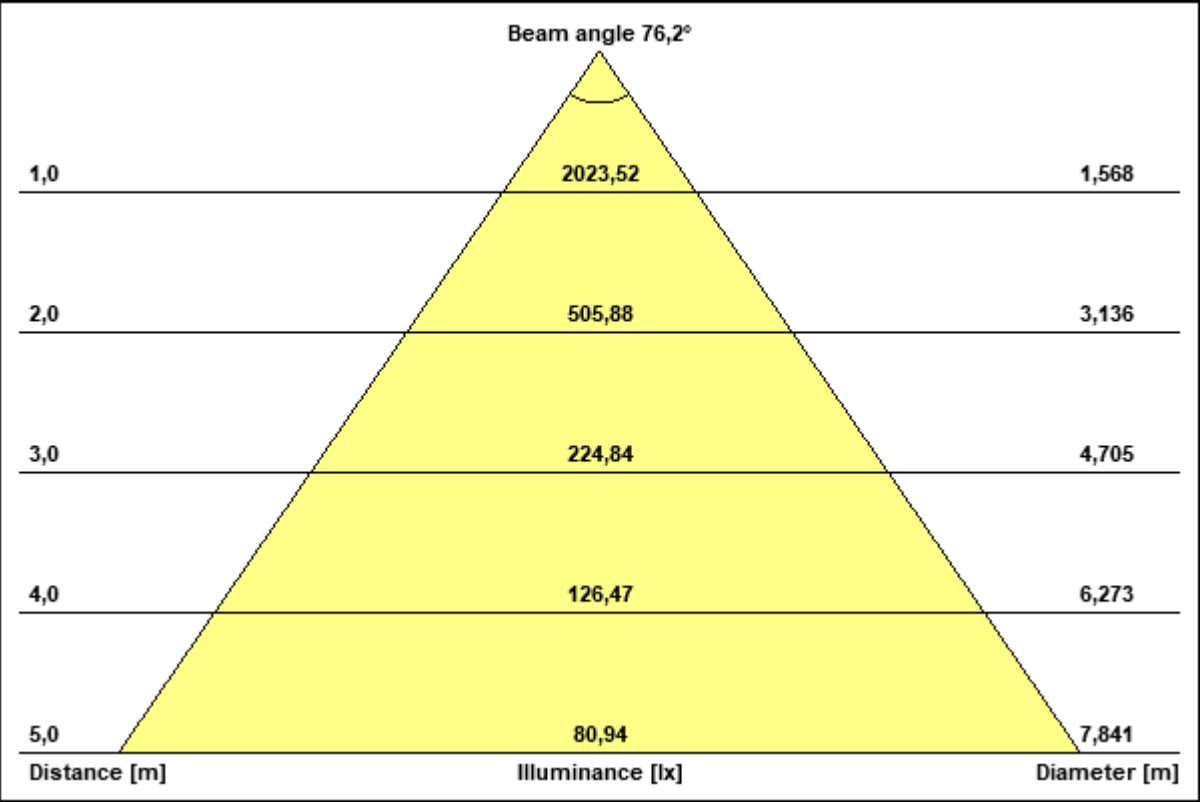
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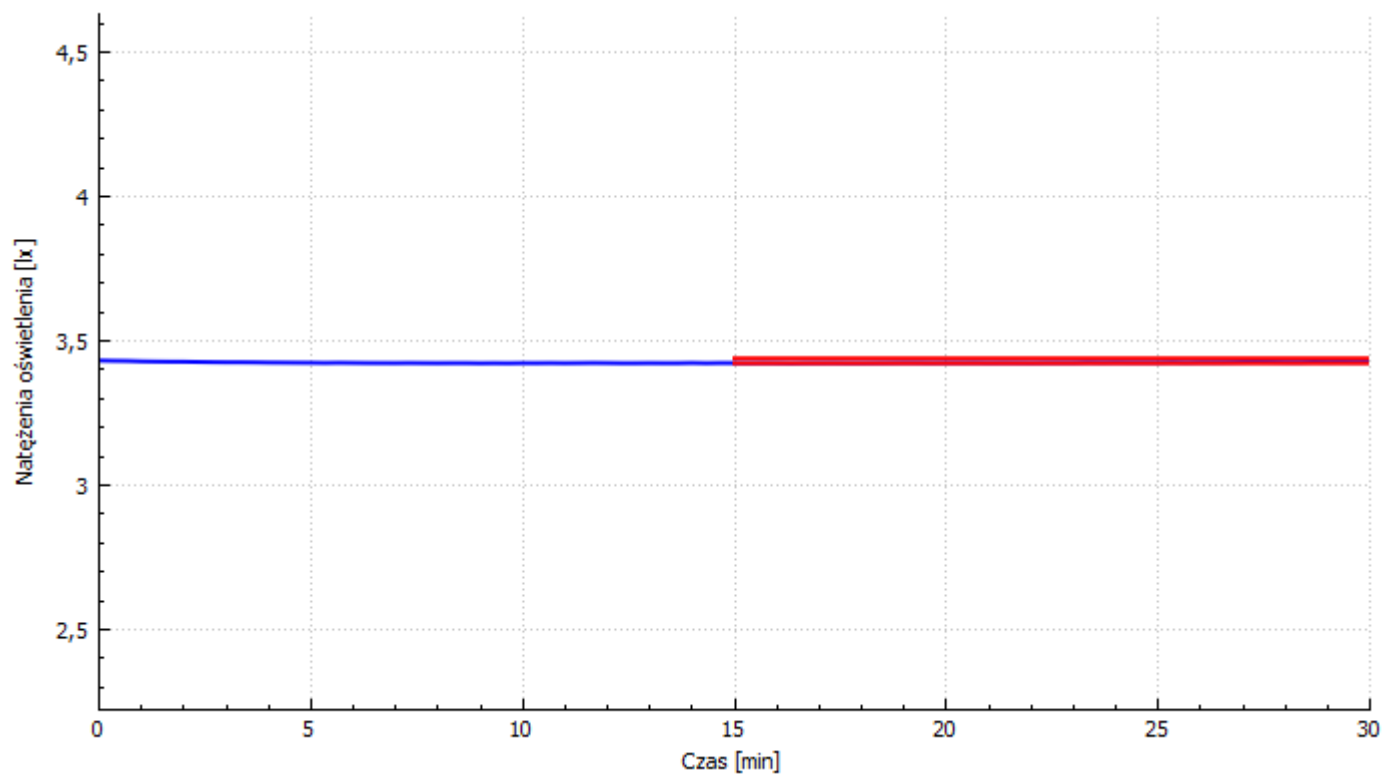
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# Beam cone



# Stabilization

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## 3D Chart

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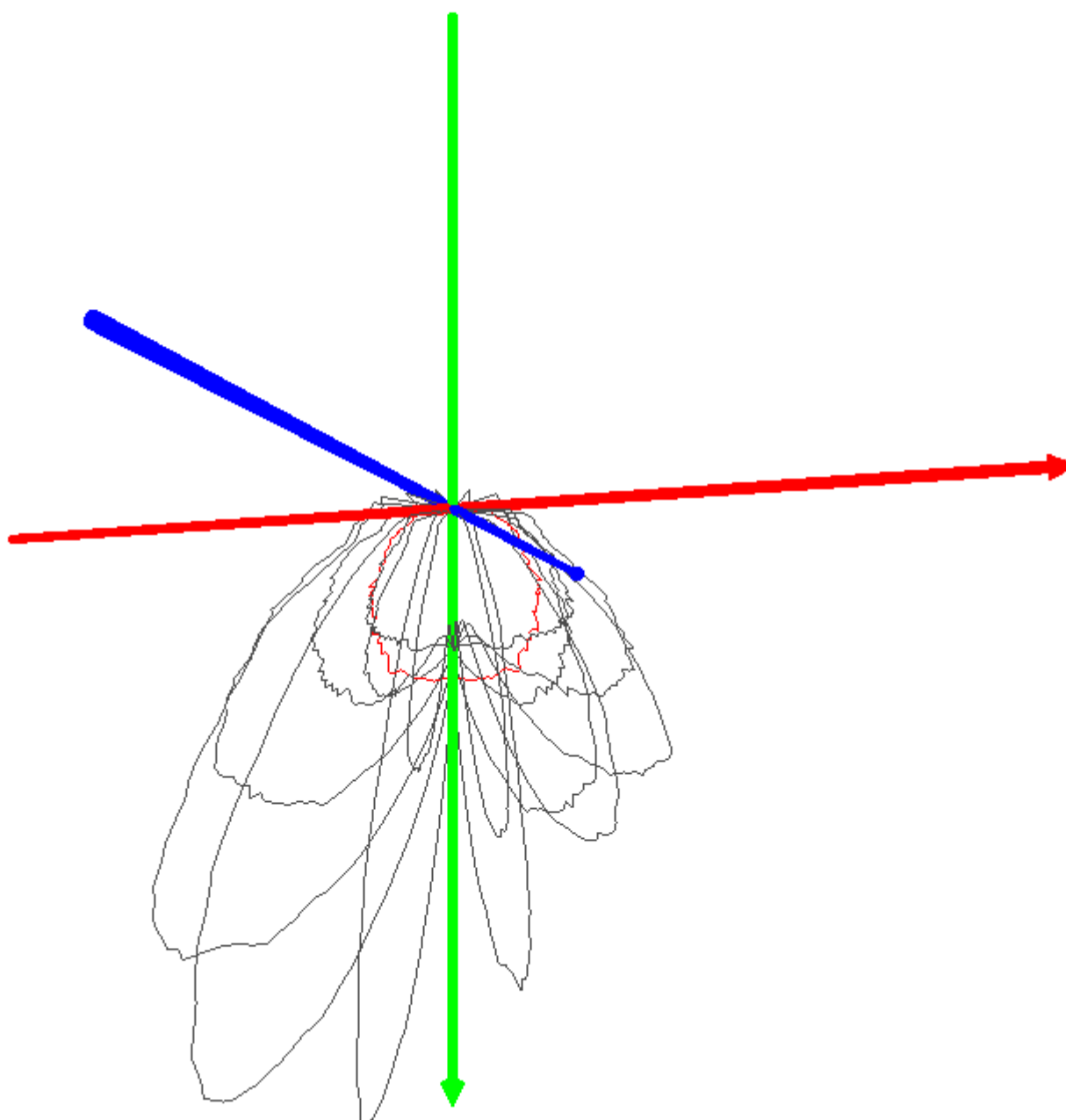
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## Legend

— - C0-C180

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- C90-C270  
- G0-G180

Extended  
electrical  
report

U(%f)

I(%f)

P(%f)

|    |          |         |           |
|----|----------|---------|-----------|
| 0  | 0,00598  | 0,233   | -1,71e-05 |
| 1  | 100,000  | 100,000 | 100,000   |
| 2  | 0,00399  | 0       | 0         |
| 3  | 0,0125   | 6,170   | 0,000748  |
| 4  | 0,00254  | 0       | 0         |
| 5  | 0,0162   | 4,151   | 0,000689  |
| 6  | 0,00117  | 0,041   | 0         |
| 7  | 0,0122   | 3,280   | 0,000397  |
| 8  | 0        | 0       | 0         |
| 9  | 0,00897  | 2,613   | 0,000203  |
| 10 | 0        | 0       | 0         |
| 11 | 0,00676  | 2,095   | 9,16e-05  |
| 12 | 0        | 0       | 0         |
| 13 | 0,00597  | 1,759   | 7,16e-05  |
| 14 | 0        | 0       | 0         |
| 15 | 0,00573  | 1,485   | 7,06e-05  |
| 16 | 0,000848 | 0,035   | 0         |
| 17 | 0,0053   | 1,293   | 6,48e-05  |
| 18 | 0        | 0       | 0         |
| 19 | 0,00475  | 1,211   | 4,4e-05   |
| 20 | 0        | 0,0352  | 0         |

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|    |         |        |           |
|----|---------|--------|-----------|
| 21 | 0,0037  | 1,116  | 2,78e-05  |
| 22 | 0       | 0      | 0         |
| 23 | 0,0073  | 1,054  | 1,29e-05  |
| 24 | 0       | 0      | 0         |
| 25 | 0,00581 | 1,033  | 1,97e-05  |
| 26 | 0       | 0,041  | 0         |
| 27 | 0,00489 | 0,970  | 1,98e-05  |
| 28 | 0       | 0,0476 | 0         |
| 29 | 0,0065  | 0,912  | 1,55e-05  |
| 30 | 0       | 0,0453 | 0         |
| 31 | 0,00568 | 0,860  | 1,62e-05  |
| 32 | 0       | 0      | 0         |
| 33 | 0,00673 | 0,863  | 1,87e-05  |
| 34 | 0       | 0      | 0         |
| 35 | 0,00735 | 0,816  | 1,61e-05  |
| 36 | 0,0013  | 0      | 0         |
| 37 | 0,00716 | 0,745  | 1,43e-05  |
| 38 | 0       | 0      | 0         |
| 39 | 0,00704 | 0,699  | 2,02e-05  |
| 40 | 0,00119 | 0      | 0         |
| 41 | 0,00495 | 0,664  | 9,03e-06  |
| 42 | 0,00124 | 0,036  | 0         |
| 43 | 0,00551 | 0,579  | 1,5e-05   |
| 44 | 0       | 0      | 1,76e-07  |
| 45 | 0,00694 | 0,600  | 1,5e-05   |
| 46 | 0,00199 | 0,05   | 2,77e-07  |
| 47 | 0,00645 | 0,502  | 1,31e-05  |
| 48 | 0,00103 | 0      | -2,75e-07 |
| 49 | 0,00572 | 0,474  | 1,36e-05  |
| 50 | 0,00119 | 0,0507 | 0         |

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