

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*

Model name: *Ripple Wall 50*

Item No: *AZ6582*

Serial No.: *AZ6582*

Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6582*

LuminaireName: *Ripple 50 Wall*

LuminaireNumber: *AZ6582*

FileName: *AZ6582.ldt*

Date: *2025-07-17*

### Dimensions of luminaire

Length: *500 mm*

Width: *0 mm*

Height: *100 mm*

### Dimensions of luminous area

Length: *500 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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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: 108,47 lm  
Color temperatur: 2675 K  
Color rendering index: 96,01  
Wattage including ballast: 5,81 W

### Utilization factors:

|          |       |
|----------|-------|
| k = 0.60 | 0,066 |
| k = 0.80 | 0,098 |
| k = 1.00 | 0,132 |
| k = 1.25 | 0,173 |
| k = 1.50 | 0,212 |
| k = 2.00 | 0,282 |
| k = 2.50 | 0,338 |
| k = 3.00 | 0,387 |
| k = 4.00 | 0,463 |
| k = 5.00 | 0,520 |

### Electrical parameters

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*U* = 229,663 V  
*I* = 0,043 A  
*P* = 5,814 W  
*Power factor* = 0,589

*Power apparent* = 9,863 VA  
*Power Reactive* = -7,968 var  
*Frequency Voltage* = 50,002 Hz  
*THD* = 107,672 %

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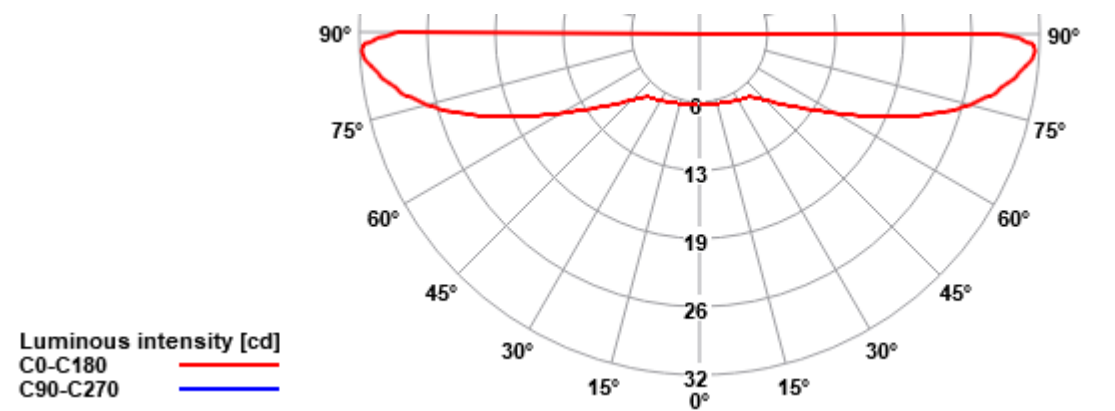
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Temperature = 25 C

Goniometric measurement results

|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 108,47 lm  |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | 0,00 %     |
| Maximum luminous intensity           | 31,68 cd   |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 18,67 lm/W |

Light intensity distribution diagram



CIE 1931 diagram

|                           |        |
|---------------------------|--------|
| x                         | 0,4567 |
| y                         | 0,4018 |
| Angular Colour Uniformity | 0,0436 |

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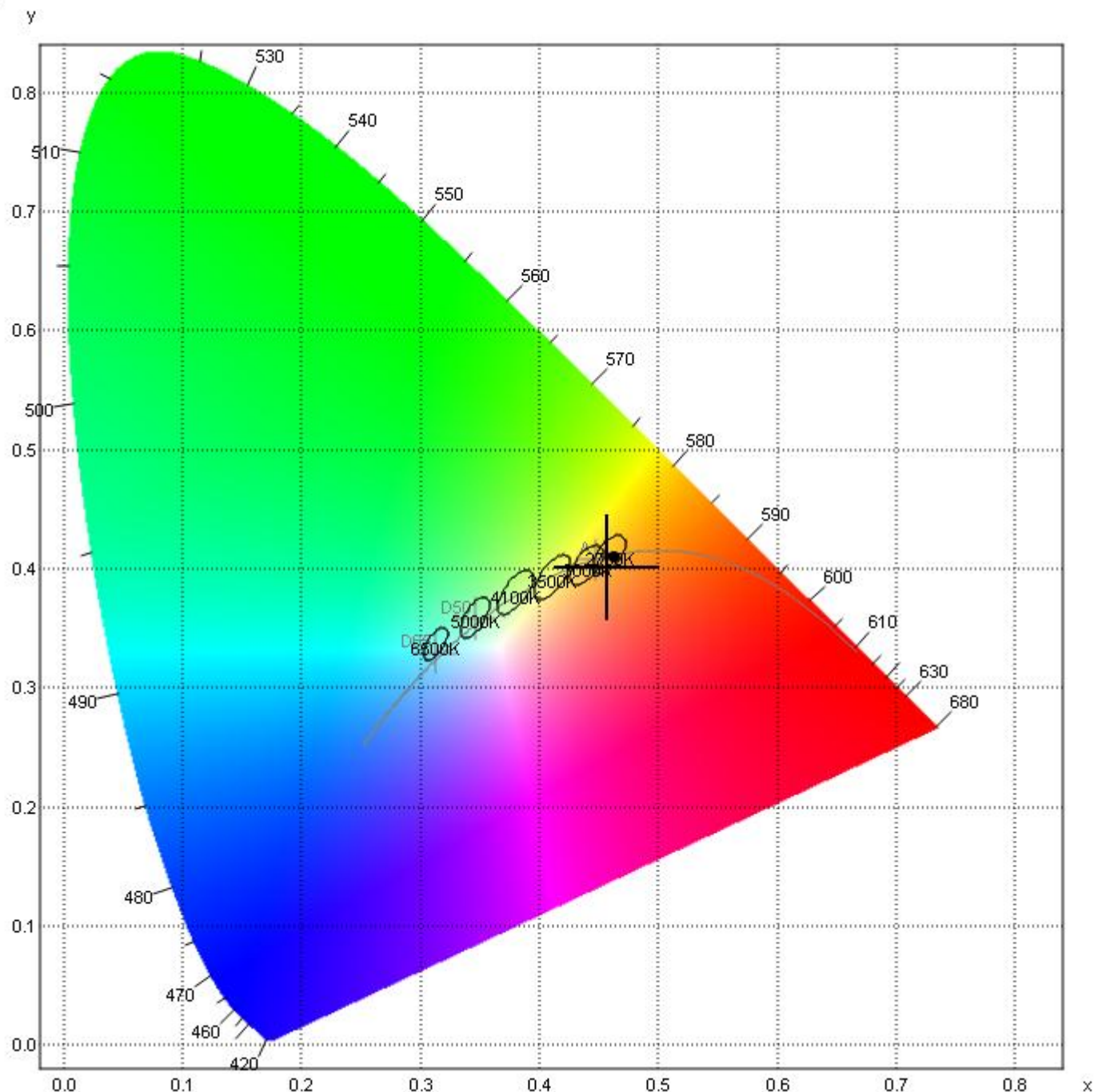
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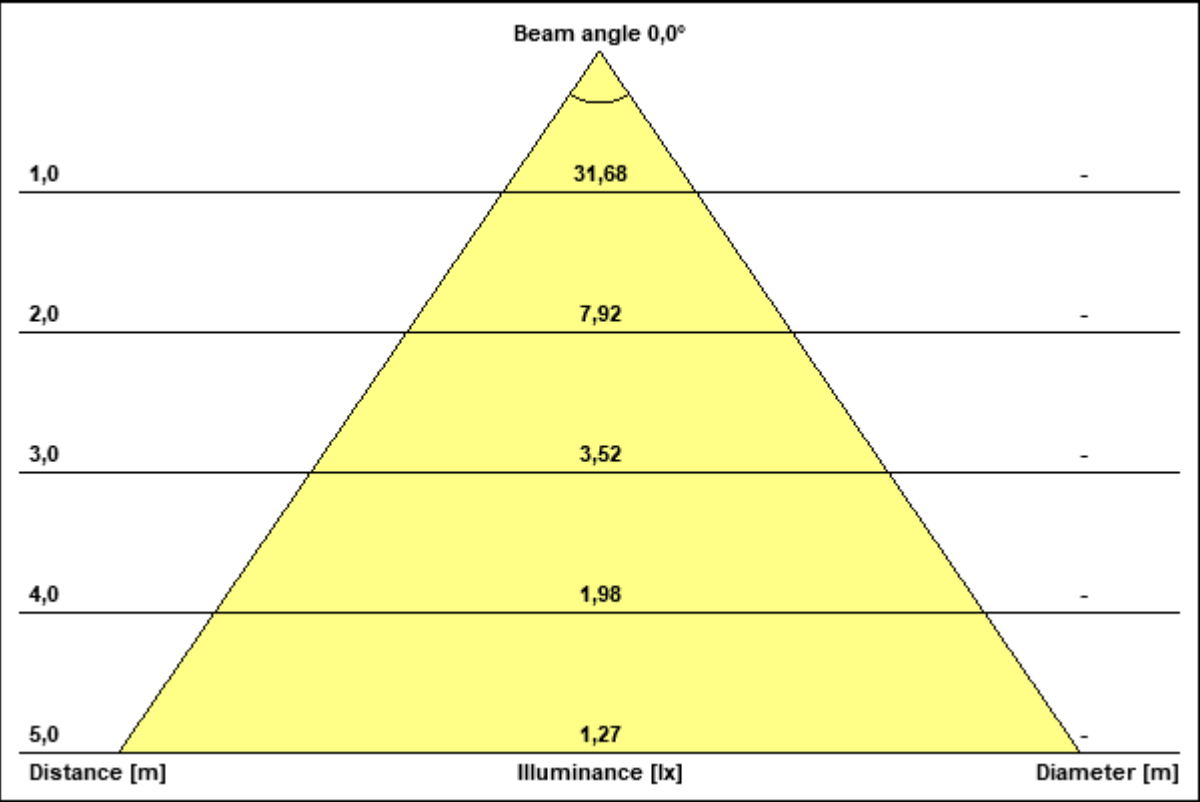
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# Beam cone



# Stabilization

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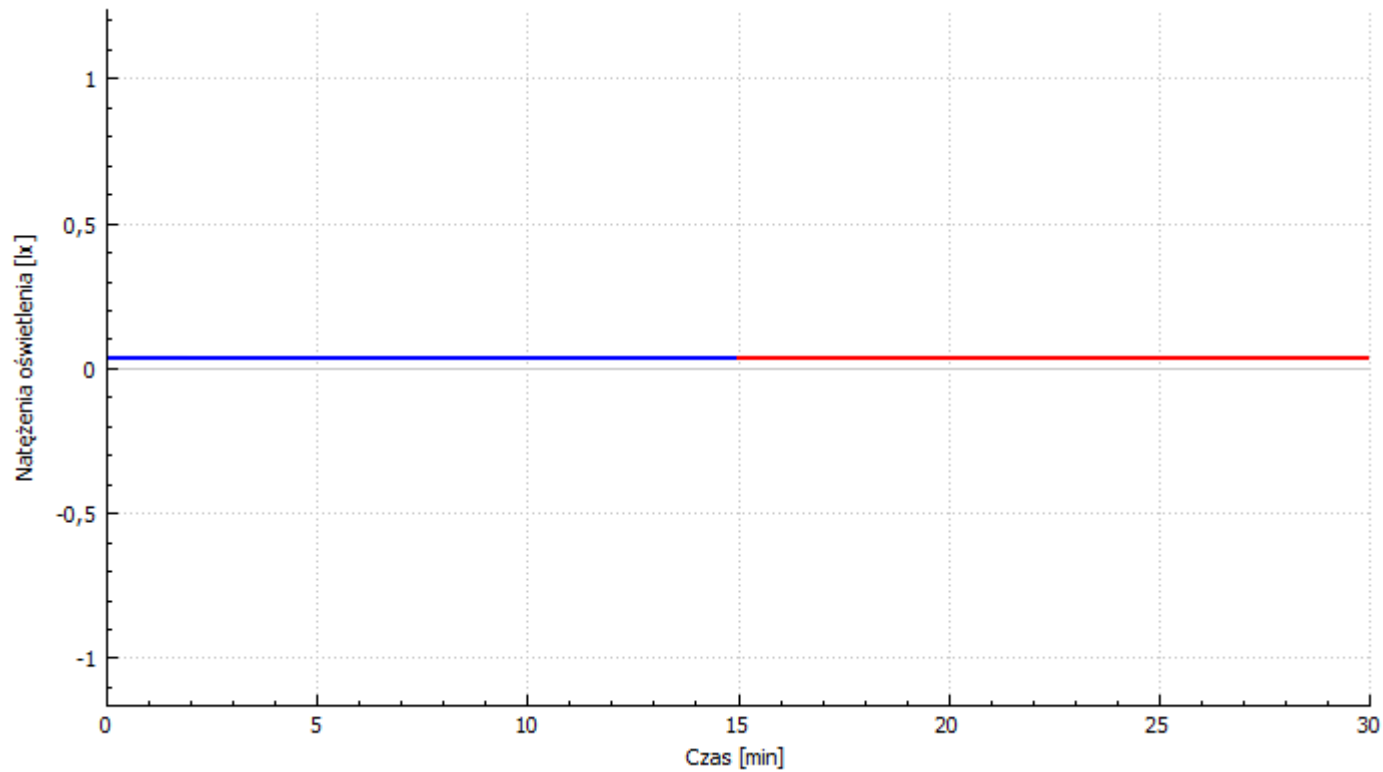
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### 3D Chart

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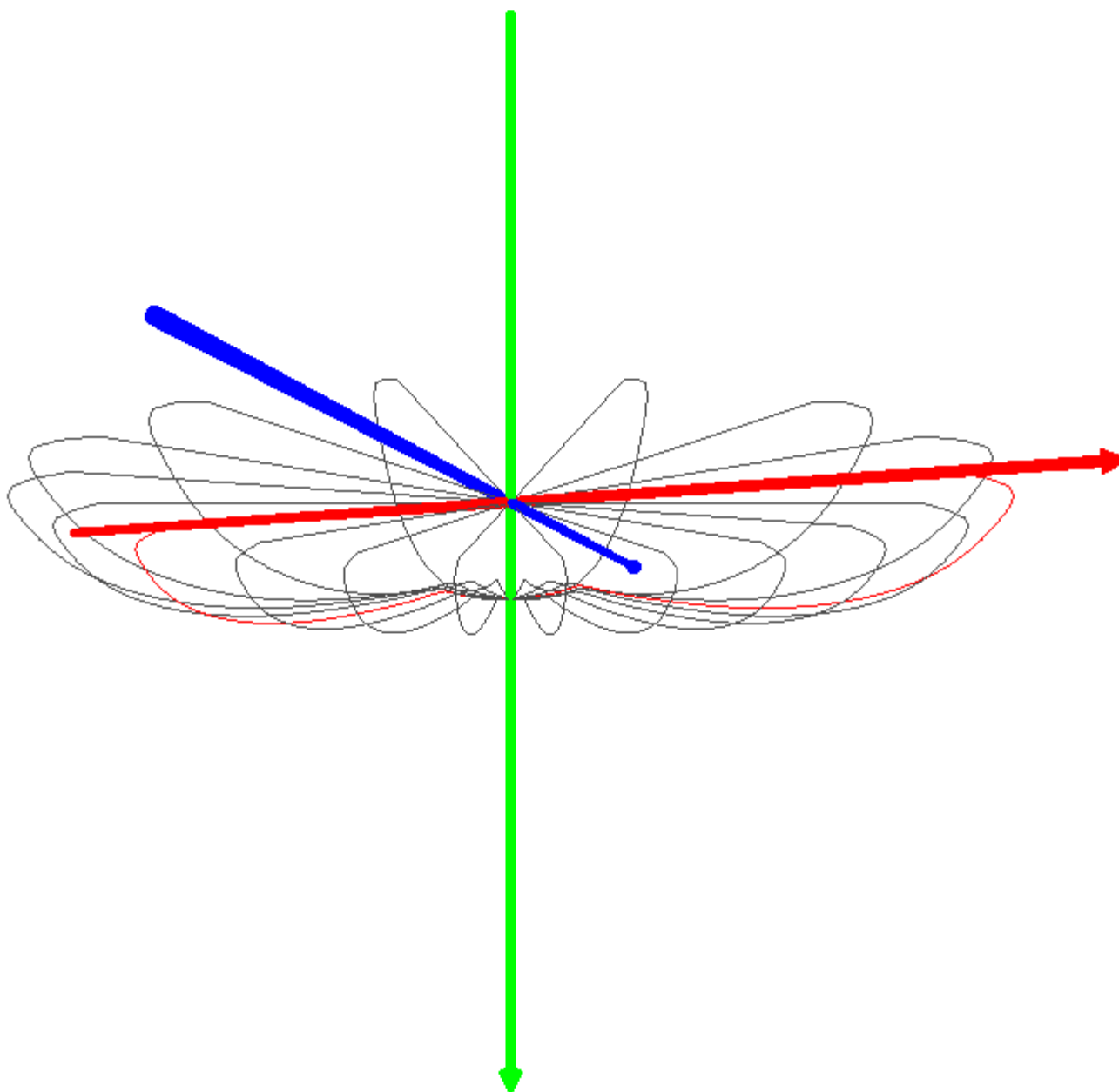
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## Legend

— - C0-C180

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- C90-C270  
- G0-G180

Extended  
electrical  
report

U(%f)

I(%f)

P(%f)

|    |         |         |           |
|----|---------|---------|-----------|
| 0  | 0       | 0       | -1,65e-06 |
| 1  | 100,000 | 100,000 | 100,000   |
| 2  | 0,0101  | 0       | -1,18e-06 |
| 3  | 0,00276 | 79,238  | 0,00575   |
| 4  | 0,00301 | 0       | -8,03e-07 |
| 5  | 0,00831 | 49,191  | 0,00222   |
| 6  | 0,00209 | 0       | 3,5e-07   |
| 7  | 0,00742 | 25,983  | 0,000902  |
| 8  | 0,0025  | 0       | 2,28e-07  |
| 9  | 0,00449 | 21,302  | 0,000676  |
| 10 | 0,00149 | 0       | -1,77e-08 |
| 11 | 0,0064  | 19,838  | 0,000141  |
| 12 | 0,00113 | 0       | 1,4e-08   |
| 13 | 0,0047  | 14,980  | 0,000677  |
| 14 | 0,00205 | 0       | 4,19e-08  |
| 15 | 0,00503 | 12,829  | 0,000191  |
| 16 | 0,00168 | 0       | 2,71e-07  |
| 17 | 0,00583 | 12,527  | 0,00042   |
| 18 | 0,00108 | 0       | 1,44e-07  |
| 19 | 0,00252 | 10,657  | 0,000179  |
| 20 | 0,00102 | 0       | 7,69e-09  |

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|    |          |        |           |
|----|----------|--------|-----------|
| 21 | 0,00277  | 9,347  | -5,98e-06 |
| 22 | 0,00129  | 0      | -1,28e-08 |
| 23 | 0,0047   | 9,252  | 0,000416  |
| 24 | 0        | 0      | 3,18e-09  |
| 25 | 0,00378  | 8,484  | 0,000187  |
| 26 | 0,000985 | 0,0415 | 1,23e-09  |
| 27 | 0,00338  | 7,676  | 6,36e-05  |
| 28 | 0        | 0      | 6,89e-08  |
| 29 | 0,00405  | 7,551  | 7,93e-05  |
| 30 | 0        | 0      | 1,52e-07  |
| 31 | 0,00461  | 7,121  | -2,04e-05 |
| 32 | 0        | 0      | 2,1e-07   |
| 33 | 0,0047   | 6,554  | 5,83e-05  |
| 34 | 0        | 0      | -1,05e-07 |
| 35 | 0,00338  | 6,431  | -2,45e-05 |
| 36 | 0        | 0      | 9,77e-09  |
| 37 | 0,00435  | 6,234  | 7,52e-05  |
| 38 | 0        | 0      | 8,1e-08   |
| 39 | 0,00465  | 5,902  | 1,14e-06  |
| 40 | 0        | 0      | -7,91e-09 |
| 41 | 0,0052   | 5,806  | -5,6e-05  |
| 42 | 0        | 0      | 5,47e-08  |
| 43 | 0,00454  | 5,637  | -1,84e-05 |
| 44 | 0        | 0,0384 | -2,19e-07 |
| 45 | 0,0044   | 5,315  | -4,67e-05 |
| 46 | 0        | 0,0373 | -4,56e-08 |
| 47 | 0,00539  | 5,186  | 7,31e-06  |
| 48 | 0        | 0      | 1,86e-07  |
| 49 | 0,00568  | 5,110  | 9,89e-05  |
| 50 | 0        | 0,0435 | -2,99e-08 |

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