

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *Halo 60 GO Pendant*  
Item No: *AZ4970*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ4970*  
LuminaireName: *Halo 60 GO Pendant*  
LuminaireNumber: *AZ4970*  
FileName: *AZ4970.Idt*  
Date: *2024-03-04*

### Dimensions of luminaire

Length: *600 mm*  
Width: *0 mm*  
Height: *1000 mm*

### Dimensions of luminous area

Length: *600 mm*  
Width: *0 mm*  
C0-plane *0 mm*  
C90-plane *0 mm*  
C180-plane *0 mm*  
C270-plane *0 mm*

**Lamps:**

Number of lamps: -1  
Type of lamps: LED  
Total luminous flux: 2291,22 lm  
Color temperatur: 2891 K  
Color rendering index: 82,29  
Wattage including ballast: 44,61 W

**Utilization factors:**

|          |       |
|----------|-------|
| k = 0.60 | 0,236 |
| k = 0.80 | 0,307 |
| k = 1.00 | 0,372 |
| k = 1.25 | 0,438 |
| k = 1.50 | 0,491 |
| k = 2.00 | 0,575 |
| k = 2.50 | 0,626 |
| k = 3.00 | 0,667 |
| k = 4.00 | 0,726 |
| k = 5.00 | 0,765 |

**Electrical parameters**

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$U$  = 229,552 V  
 $I$  = 0,198 A  
 $P$  = 44,608 W  
Power factor = 0,980

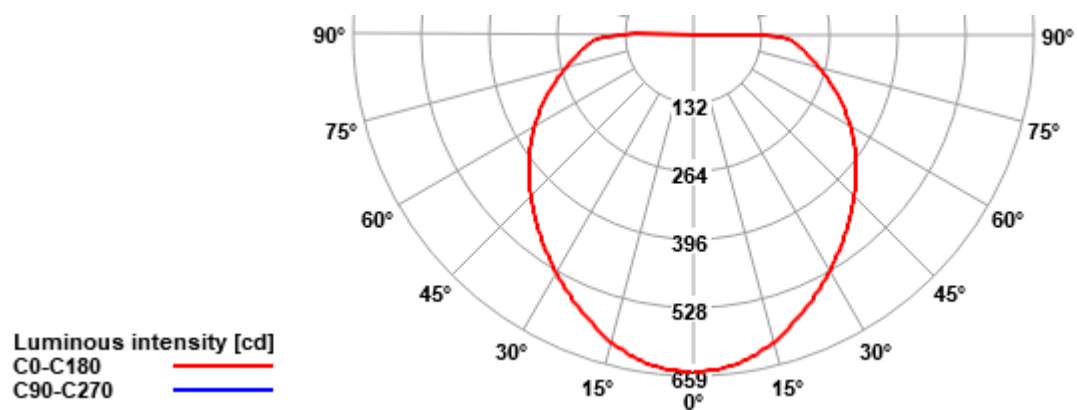
Power apparent = 45,518 VA  
Power Reactive = -9,057 var  
Frequency Voltage = 50,002 Hz  
THD = 7,386 %

Temperature = 25 C

## Goniometric measurement results

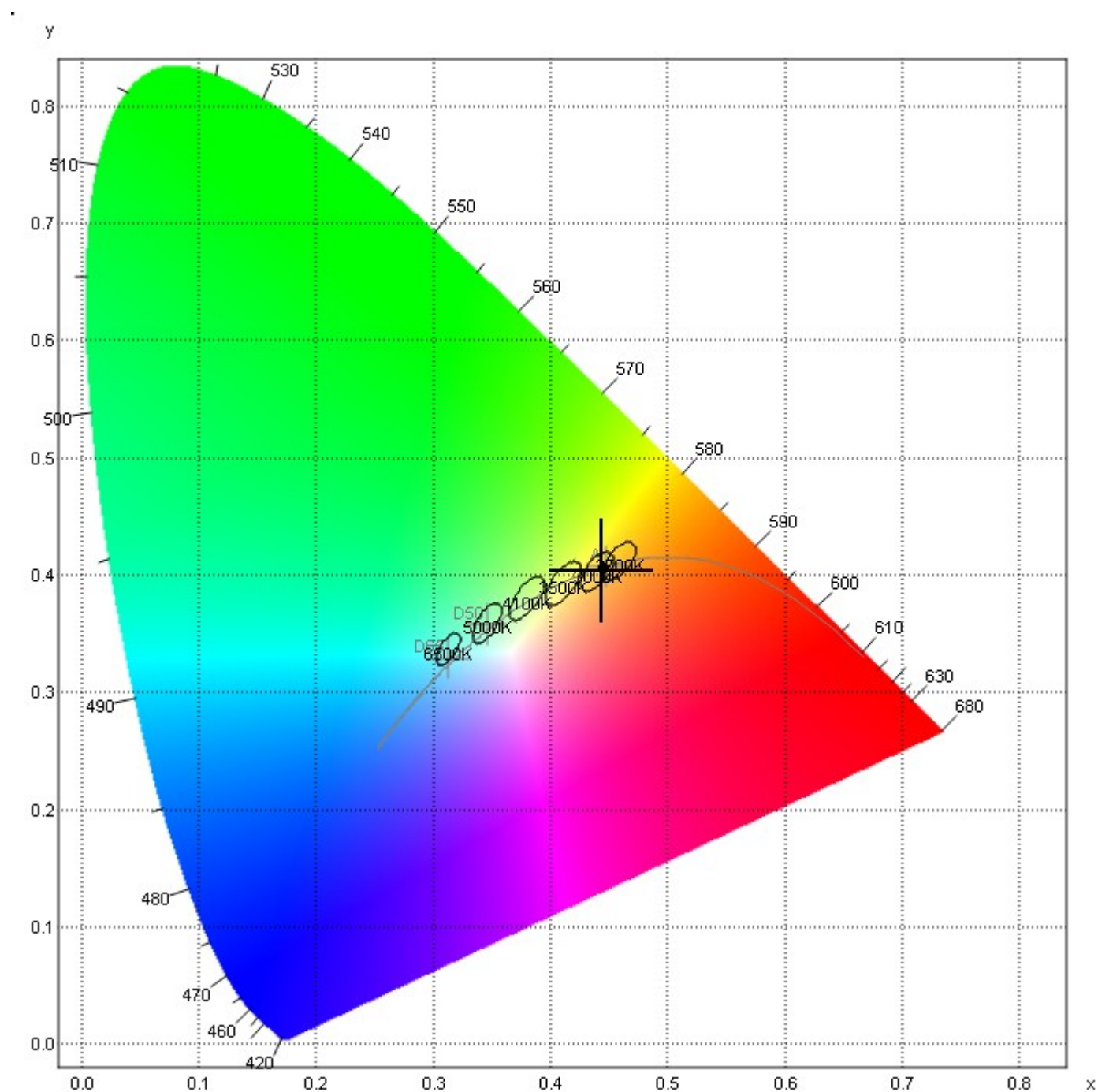
|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 2291,22 lm |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | -0,00 %    |
| Maximum luminous intensity           | 652,93 cd  |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 51,36 lm/W |

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,4434  
y 0,4037  
Angular Colour Uniformity 0,0014



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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

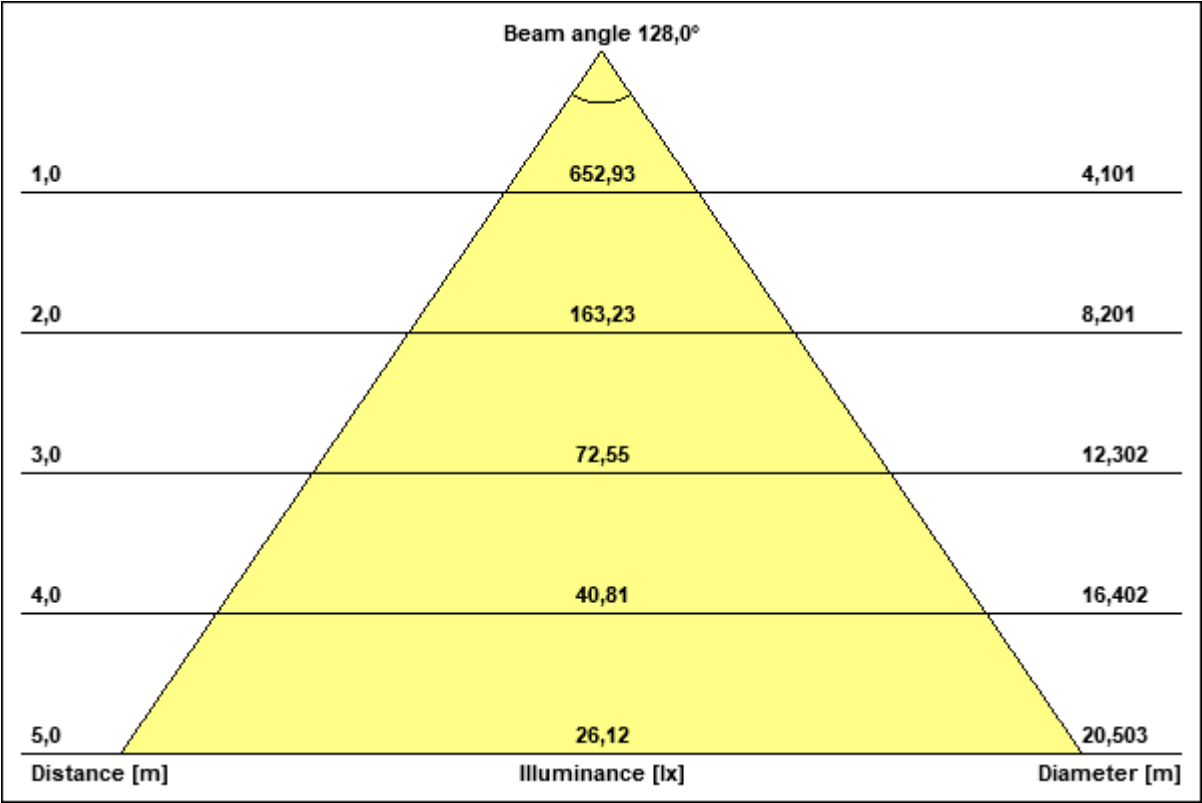
KRS: 0000537079

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## Beam cone

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# Stabilization

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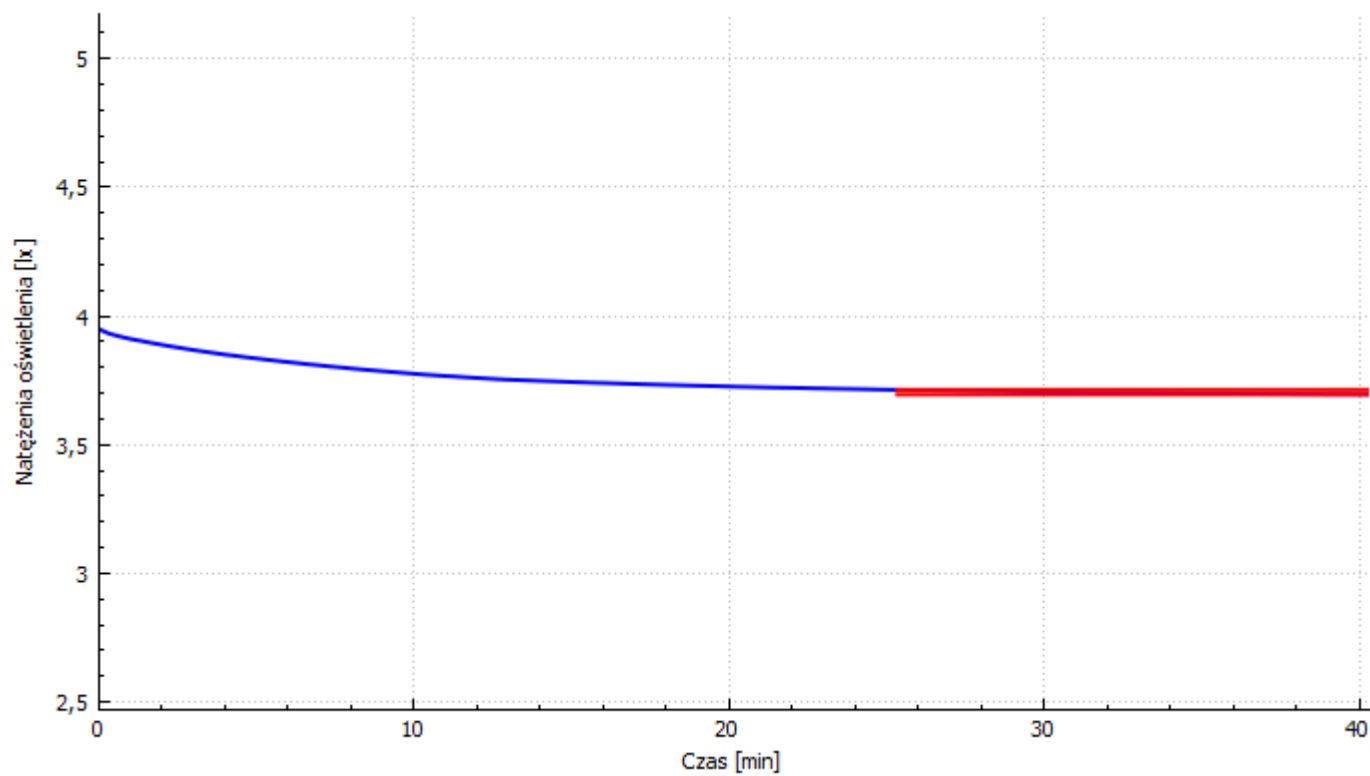
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### 3D Chart

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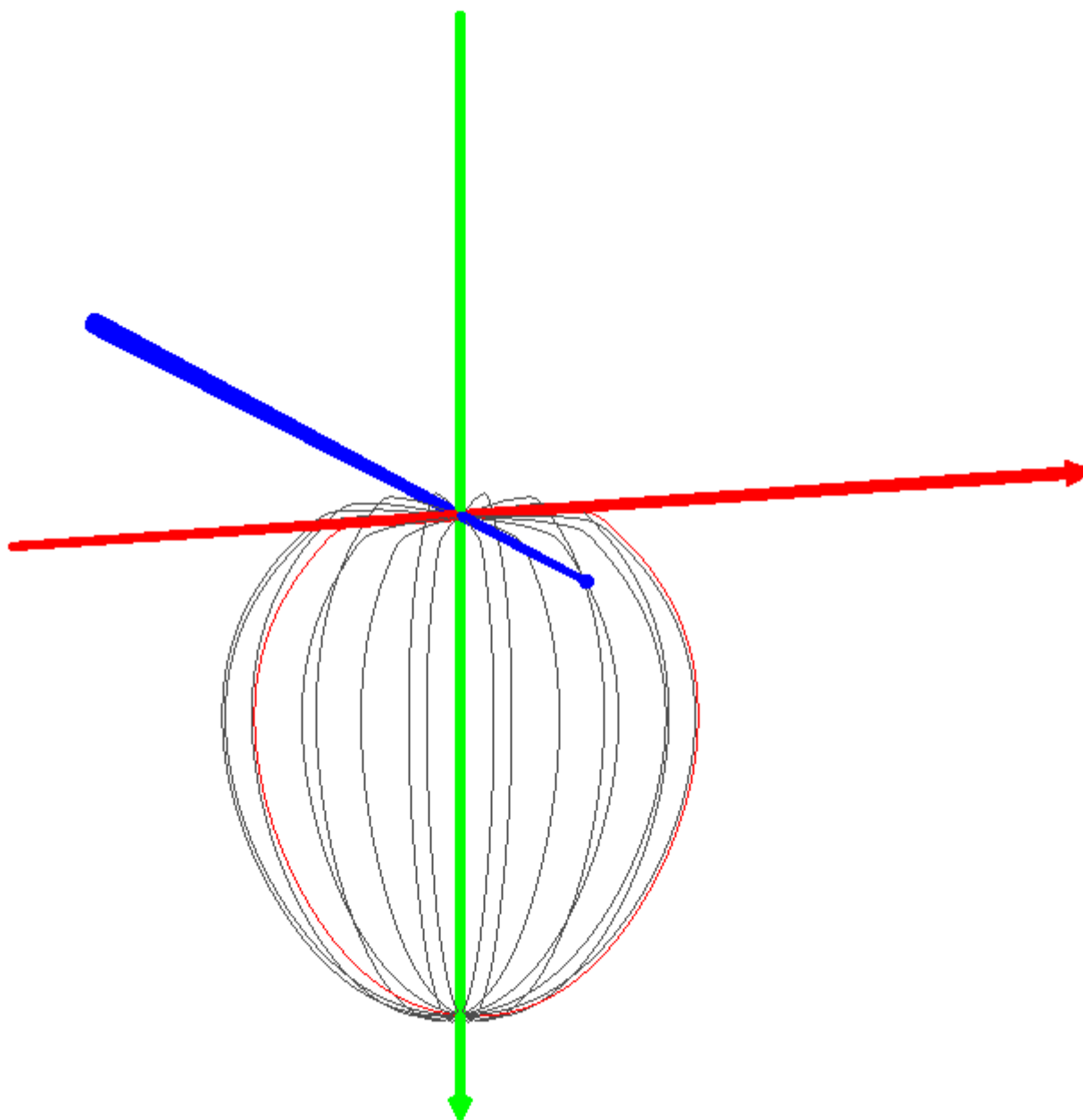
SWIFT BIC: RCBWPLPW

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## Legend

- C0-C180
- C90-C270
- G0-G180

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## Extended electrical report

|    | U(%f)    | I(%f)   | P(%f)     |
|----|----------|---------|-----------|
| 0  | 0,0386   | 0       | 0         |
| 1  | 100,000  | 100,000 | 100,000   |
| 2  | 0,00539  | 0,0721  | 4,16e-06  |
| 3  | 0,01     | 6,162   | 0,000468  |
| 4  | 0,00197  | 0,0621  | 4,02e-06  |
| 5  | 0,00316  | 2,765   | -7,87e-05 |
| 6  | 0,00111  | 0,0449  | 2,66e-08  |
| 7  | 0,00228  | 1,829   | 6,28e-06  |
| 8  | 0,00105  | 0,0632  | 0         |
| 9  | 0,00288  | 1,232   | 2,54e-05  |
| 10 | 0,000901 | 0,061   | -2,38e-06 |
| 11 | 0,00446  | 0,588   | 1,55e-05  |
| 12 | 0,00112  | 0,0733  | 2,41e-06  |
| 13 | 0,00257  | 0,856   | 1,03e-05  |
| 14 | 0        | 0,0549  | -2,52e-08 |
| 15 | 0,00313  | 1,186   | 1,1e-05   |
| 16 | 0,00108  | 0,0533  | -2,79e-07 |
| 17 | 0,00215  | 1,011   | 3,49e-06  |
| 18 | 0        | 0,104   | 2,76e-08  |
| 19 | 0,00209  | 0,580   | 9,98e-06  |
| 20 | 0,00089  | 0,130   | 0         |
| 21 | 0        | 0,226   | 0         |
| 22 | 0        | 0,141   | 0         |
| 23 | 0,00479  | 0,279   | -4,62e-06 |
| 24 | 0,001    | 0,122   | 2,36e-06  |
| 25 | 0,00215  | 0,287   | 6,72e-06  |
| 26 | 0,00095  | 0,0806  | 0         |
| 27 | 0,00113  | 0,149   | 0         |
| 28 | 0        | 0,0828  | -3,37e-07 |
| 29 | 0,00134  | 0,162   | -7,77e-08 |
| 30 | 0        | 0,0885  | 0         |
| 31 | 0,00196  | 0,108   | 4,1e-06   |
| 32 | 0        | 0,0953  | 0         |
| 33 | 0,00185  | 0,115   | 5,02e-06  |
| 34 | 0,00109  | 0,0701  | 0         |
| 35 | 0        | 0,123   | 1,09e-06  |
| 36 | 0        | 0,0702  | 0         |
| 37 | 0        | 0,0656  | 1,91e-06  |
| 38 | 0        | 0,0578  | 0         |
| 39 | 0        | 0,121   | 0         |
| 40 | 0        | 0,0314  | -4,01e-07 |
| 41 | 0,00231  | 0,151   | -1,81e-06 |
| 42 | 0        | 0,0442  | -3,22e-08 |

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|    |          |        |           |
|----|----------|--------|-----------|
| 43 | 0,000989 | 0,0751 | 6,46e-07  |
| 44 | 0,00166  | 0,0625 | 1,03e-06  |
| 45 | 0,00267  | 0,204  | 4,45e-06  |
| 46 | 0,00116  | 0,092  | -1,22e-06 |
| 47 | 0,0032   | 0,152  | -8,21e-07 |
| 48 | 0,00177  | 0,0708 | 2,5e-06   |
| 49 | 0,00223  | 0,0369 | 3,26e-06  |
| 50 | 0,00116  | 0,0899 | 1,02e-07  |