

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *Agnes 58 DIMM CCT*  
Item No: *AZ5019*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ5019-6000K*  
LuminaireName: *Agnes 58 DIMM CCT*  
LuminaireNumber: *AZ5019-6000K*  
FileName: *AZ50196000K.Idt*  
Date: *2024-06-04*

### Dimensions of luminaire

Length: *580 mm*  
Width: *0 mm*  
Height: *1000 mm*

### Dimensions of luminous area

Length: *580 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*

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*  
Total luminous flux: *2733,15 lm*  
Color temperatur: *6067 K*  
Color rendering index: *84,07*  
Wattage including ballast: *51,66 W*

### Utilization factors:

|          |              |
|----------|--------------|
| k = 0.60 | <i>0,247</i> |
| k = 0.80 | <i>0,323</i> |
| k = 1.00 | <i>0,390</i> |
| k = 1.25 | <i>0,459</i> |
| k = 1.50 | <i>0,514</i> |
| k = 2.00 | <i>0,600</i> |
| k = 2.50 | <i>0,652</i> |
| k = 3.00 | <i>0,693</i> |
| k = 4.00 | <i>0,750</i> |
| k = 5.00 | <i>0,788</i> |

### Electrical parameters

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|                     |                    |
|---------------------|--------------------|
| <i>U</i>            | <i>= 229,647 V</i> |
| <i>I</i>            | <i>= 0,227 A</i>   |
| <i>P</i>            | <i>= 51,661 W</i>  |
| <i>Power factor</i> | <i>= 0,992</i>     |

|                          |                     |
|--------------------------|---------------------|
| <i>Power apparent</i>    | <i>= 52,063 VA</i>  |
| <i>Power Reactive</i>    | <i>= -6,515 var</i> |
| <i>Frequency Voltage</i> | <i>= 50,002 Hz</i>  |
| <i>THD</i>               | <i>= 8,086 %</i>    |

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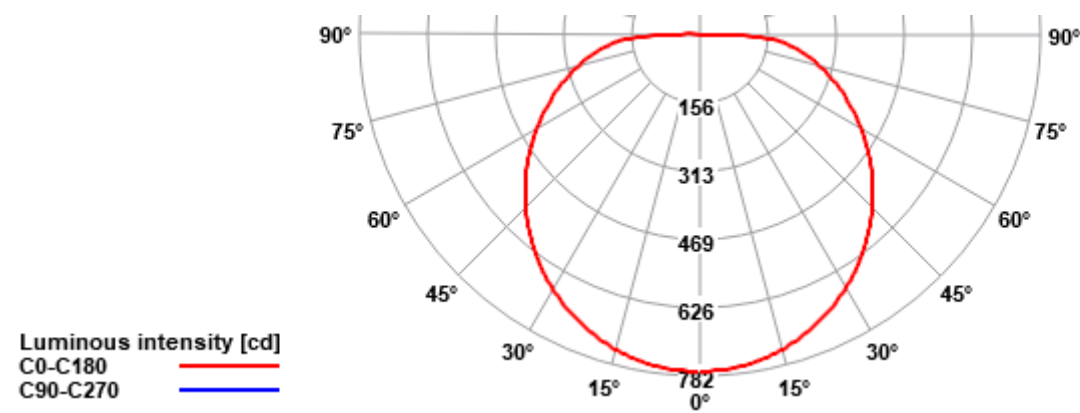
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Temperature = 25 C

Goniometric measurement results

|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 2733,15 lm |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | 0,00 %     |
| Maximum luminous intensity           | 774,55 cd  |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 52,91 lm/W |

Light intensity distribution diagram



CIE 1931 diagram

|                           |        |
|---------------------------|--------|
| x                         | 0,3202 |
| y                         | 0,3393 |
| Angular Colour Uniformity | 0,0016 |

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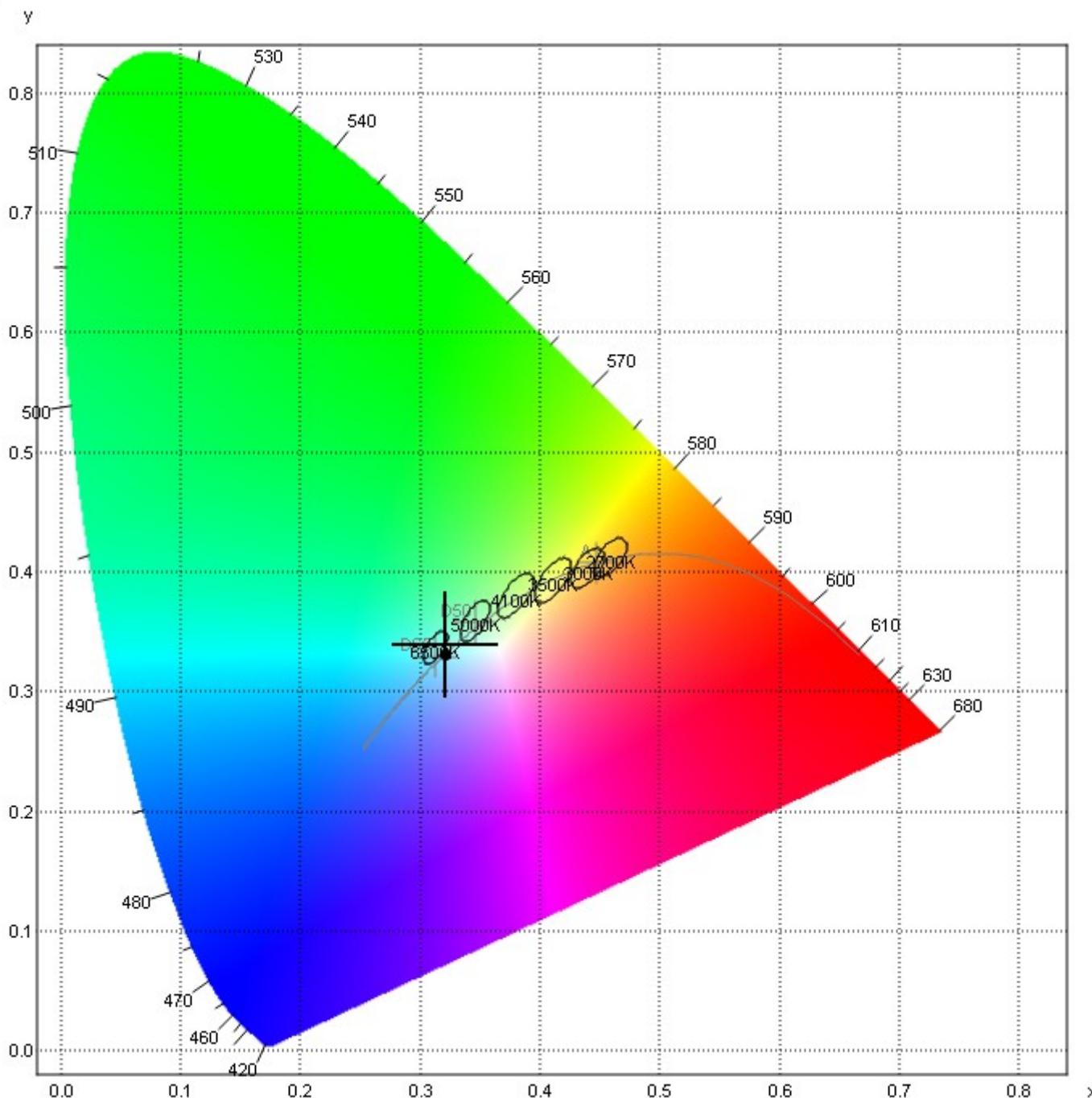
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## Beam cone

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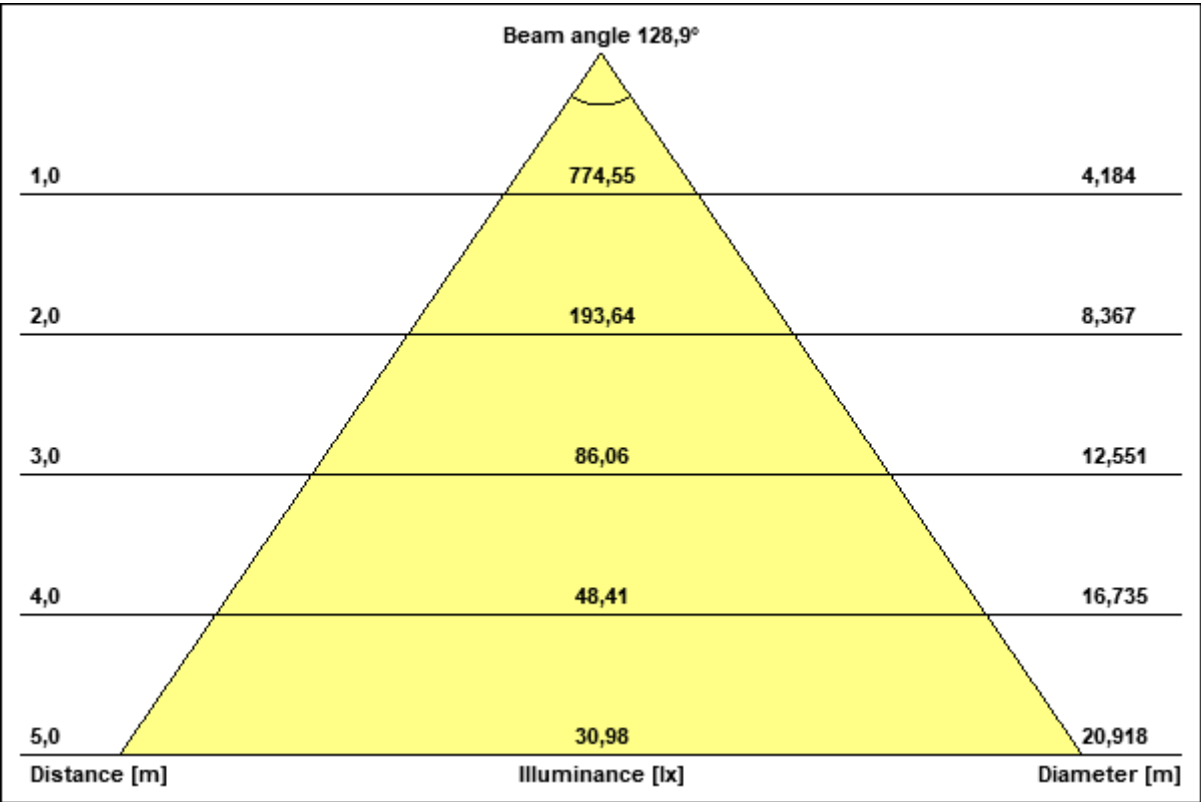
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Stabilization

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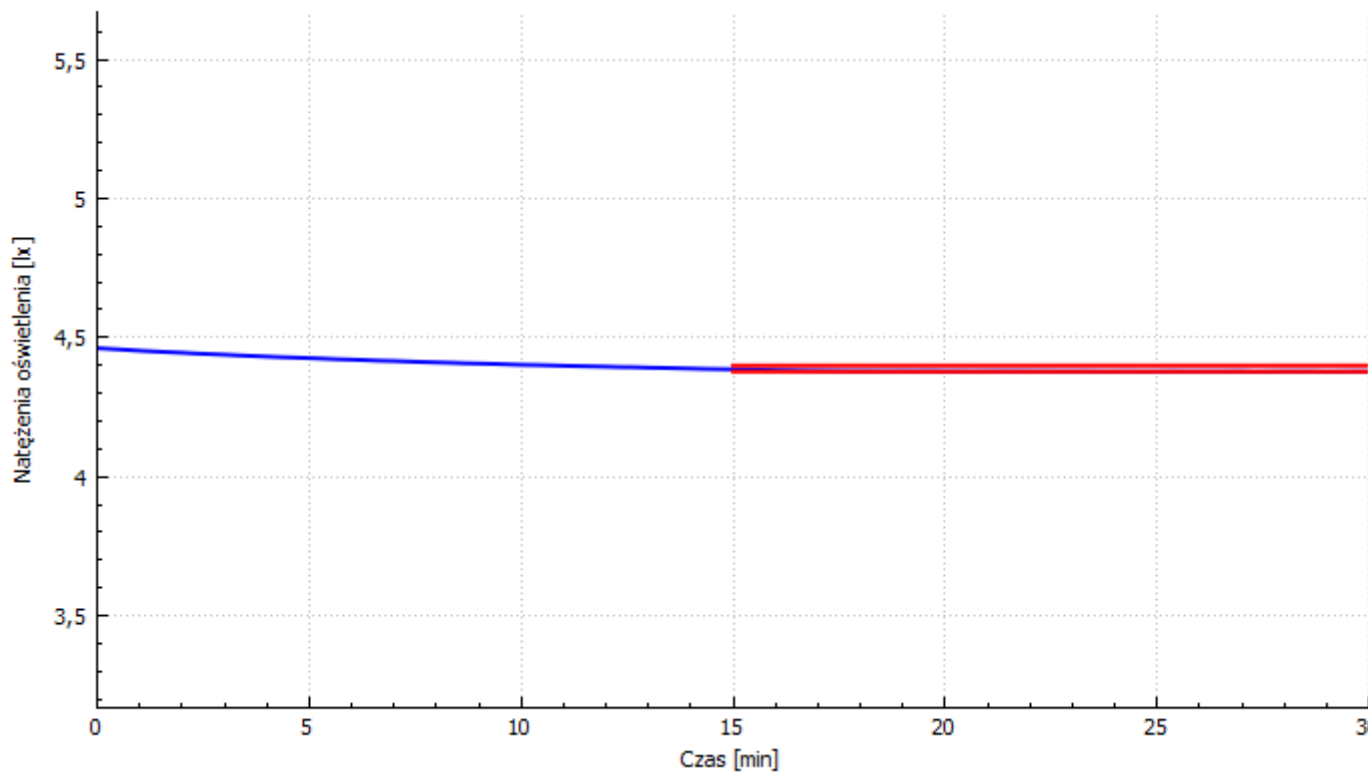
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### 3D Chart

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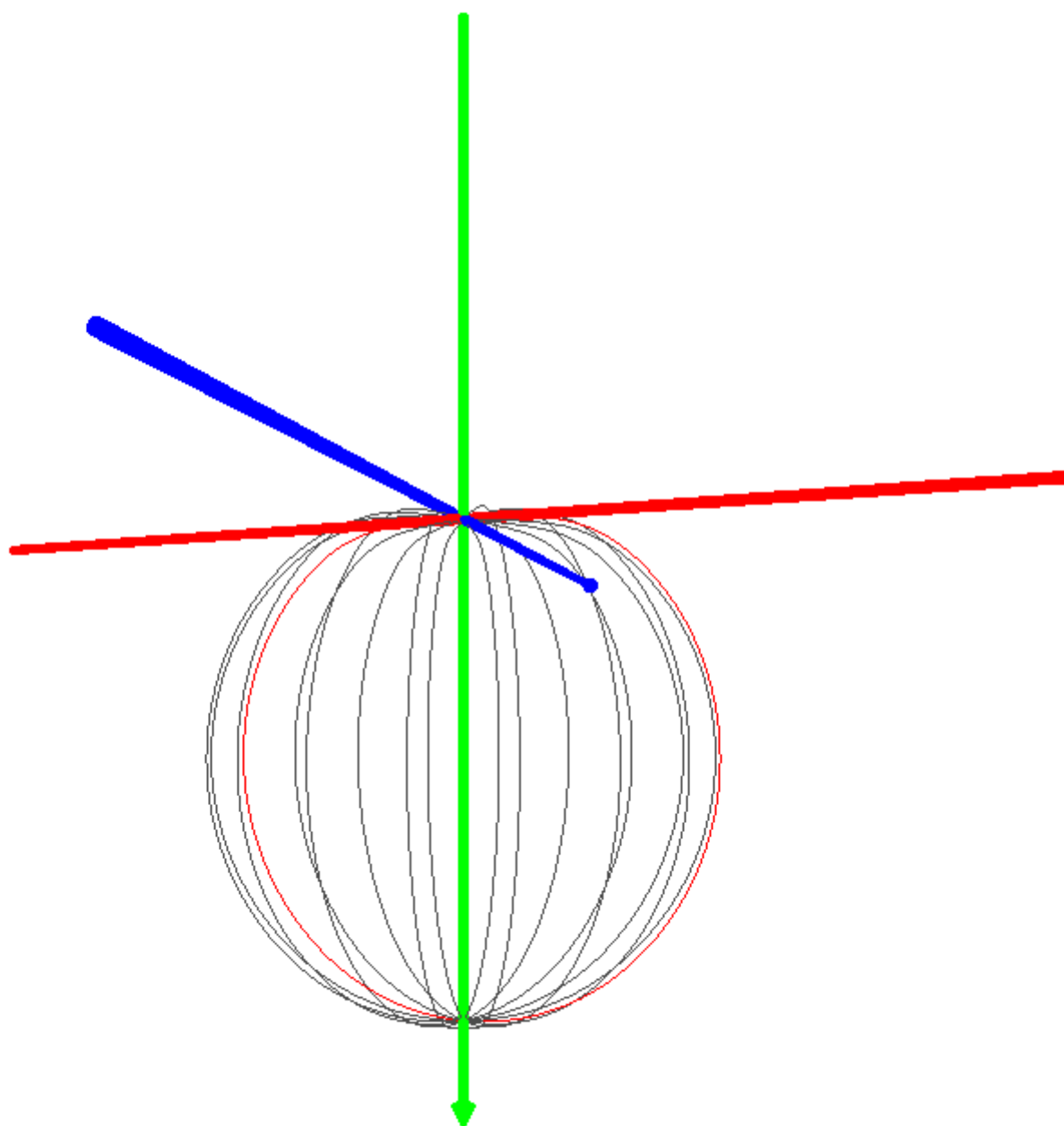
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## Legend

- C0-C180

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- C90-C270  
- G0-G180

U(%f)

I(%f)

**Ext  
end  
ed  
elec  
tric  
al  
rep  
ort**

|    |         |         | P(%f)     |
|----|---------|---------|-----------|
| 0  | 0,00133 | 0,241   | -5,96e-06 |
| 1  | 100,000 | 100,000 | 100,000   |
| 2  | 0,00429 | 0,152   | 1,24e-06  |
| 3  | 0,0119  | 7,370   | 0,00081   |
| 4  | 0,00188 | 0,114   | 4,13e-07  |
| 5  | 0,00851 | 1,372   | 0,000152  |
| 6  | 0       | 0,0935  | 0         |
| 7  | 0,00537 | 0,929   | 3,06e-05  |
| 8  | 0       | 0,143   | 0         |
| 9  | 0,00104 | 0,807   | 0         |
| 10 | 0       | 0,143   | 0         |
| 11 | 0,00371 | 0,876   | 2,79e-05  |
| 12 | 0       | 0,133   | 0         |
| 13 | 0,00605 | 1,832   | 5,89e-05  |
| 14 | 0       | 0,156   | 0         |
| 15 | 0,00153 | 0,819   | 2,42e-06  |
| 16 | 0       | 0,111   | 0         |
| 17 | 0,0029  | 1,059   | -5,98e-06 |
| 18 | 0       | 0,112   | -4,82e-07 |
| 19 | 0,0012  | 0,530   | -1,36e-06 |
| 20 | 0       | 0,104   | 0         |
| 21 | 0,00237 | 0,889   | -4,39e-06 |

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|    |          |        |           |
|----|----------|--------|-----------|
| 22 | 0        | 0,0884 | 3,6e-08   |
| 23 | 0,0041   | 0,501  | 1,66e-05  |
| 24 | 0        | 0,102  | 0         |
| 25 | 0,00275  | 0,423  | 8,13e-07  |
| 26 | 0        | 0,074  | 0         |
| 27 | 0,0024   | 0,336  | 3,15e-06  |
| 28 | 0        | 0,0791 | 0         |
| 29 | 0,00215  | 0,191  | 2,31e-06  |
| 30 | 0        | 0,084  | 1,37e-07  |
| 31 | 0,0018   | 0,244  | 1,41e-06  |
| 32 | 0,000841 | 0,0487 | -6,61e-07 |
| 33 | 0        | 0,182  | 3,02e-07  |
| 34 | 0        | 0,0642 | 0         |
| 35 | 0        | 0,244  | 0         |
| 36 | 0,0011   | 0,0813 | -3,86e-07 |
| 37 | 0        | 0,398  | -5,21e-07 |
| 38 | 0        | 0,0639 | 0         |
| 39 | 0,00107  | 0,373  | 0         |
| 40 | 0,000924 | 0,0675 | 0         |
| 41 | 0,00395  | 0,461  | 1,49e-06  |
| 42 | 0        | 0,0607 | -9,75e-08 |
| 43 | 0,00331  | 0,498  | 3,68e-06  |
| 44 | 0,00104  | 0,0489 | 0         |
| 45 | 0,00384  | 0,510  | -2,49e-06 |
| 46 | 0        | 0,0689 | 1,26e-07  |
| 47 | 0,00257  | 0,364  | -2,22e-06 |
| 48 | 0,00135  | 0,09   | 9,05e-07  |
| 49 | 0,00278  | 0,292  | -1,71e-06 |
| 50 | 0,000945 | 0,067  | -1,34e-06 |

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