

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *ALAMO PENDANT 90 3-STEP DIMM*  
Item No: *AZ5764*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ5764*  
LuminaireName: *ALAMO PENDANT 90 3-STEP DIMM*  
LuminaireNumber: *AZ5764*  
FileName: *AZ5764.Idt*  
Date: *2024-09-19*

### Dimensions of luminaire

Length: *900 mm*  
Width: *25 mm*  
Height: *1000 mm*

### Dimensions of luminous area

Length: *855 mm*  
Width: *18 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: *1461,05 lm*  
Color temperatur: *2955 K*  
Color rendering index: *83,05*  
Wattage including ballast: *17,04 W*

### Utilization factors:

|          |              |
|----------|--------------|
| k = 0.60 | <i>0,277</i> |
| k = 0.80 | <i>0,357</i> |
| k = 1.00 | <i>0,428</i> |
| k = 1.25 | <i>0,498</i> |
| k = 1.50 | <i>0,554</i> |
| k = 2.00 | <i>0,640</i> |
| k = 2.50 | <i>0,689</i> |
| k = 3.00 | <i>0,728</i> |
| k = 4.00 | <i>0,782</i> |
| k = 5.00 | <i>0,816</i> |

### Electrical parameters

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|                     |                    |
|---------------------|--------------------|
| <i>U</i>            | <i>= 229,695 V</i> |
| <i>I</i>            | <i>= 0,093 A</i>   |
| <i>P</i>            | <i>= 17,043 W</i>  |
| <i>Power factor</i> | <i>= 0,801</i>     |

|                          |                      |
|--------------------------|----------------------|
| <i>Power apparent</i>    | <i>= 21,284 VA</i>   |
| <i>Power Reactive</i>    | <i>= -12,750 var</i> |
| <i>Frequency Voltage</i> | <i>= 50,002 Hz</i>   |
| <i>THD</i>               | <i>= 49,922 %</i>    |

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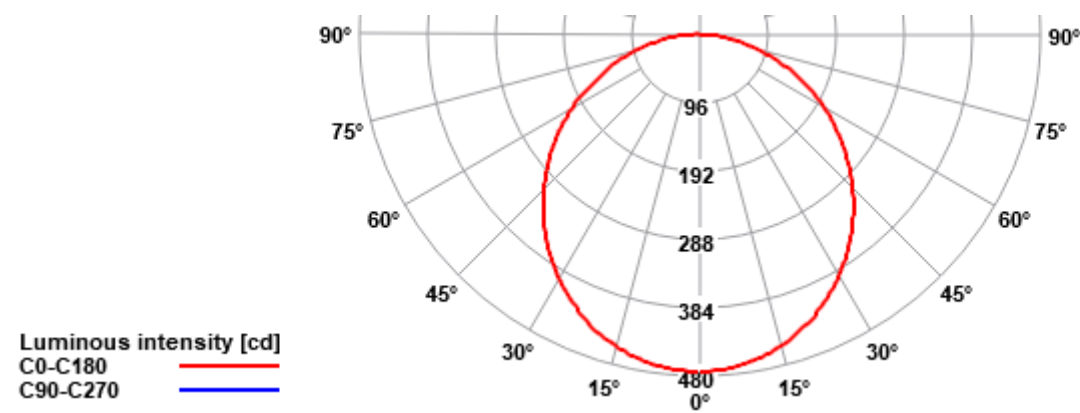
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Temperature = 25 C

Goniometric measurement results

|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 1461,05 lm |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | 0,00 %     |
| Maximum luminous intensity           | 475,47 cd  |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 85,74 lm/W |

Light intensity distribution diagram



CIE 1931 diagram

|                           |        |
|---------------------------|--------|
| x                         | 0,4366 |
| y                         | 0,3981 |
| Angular Colour Uniformity | 0,0023 |

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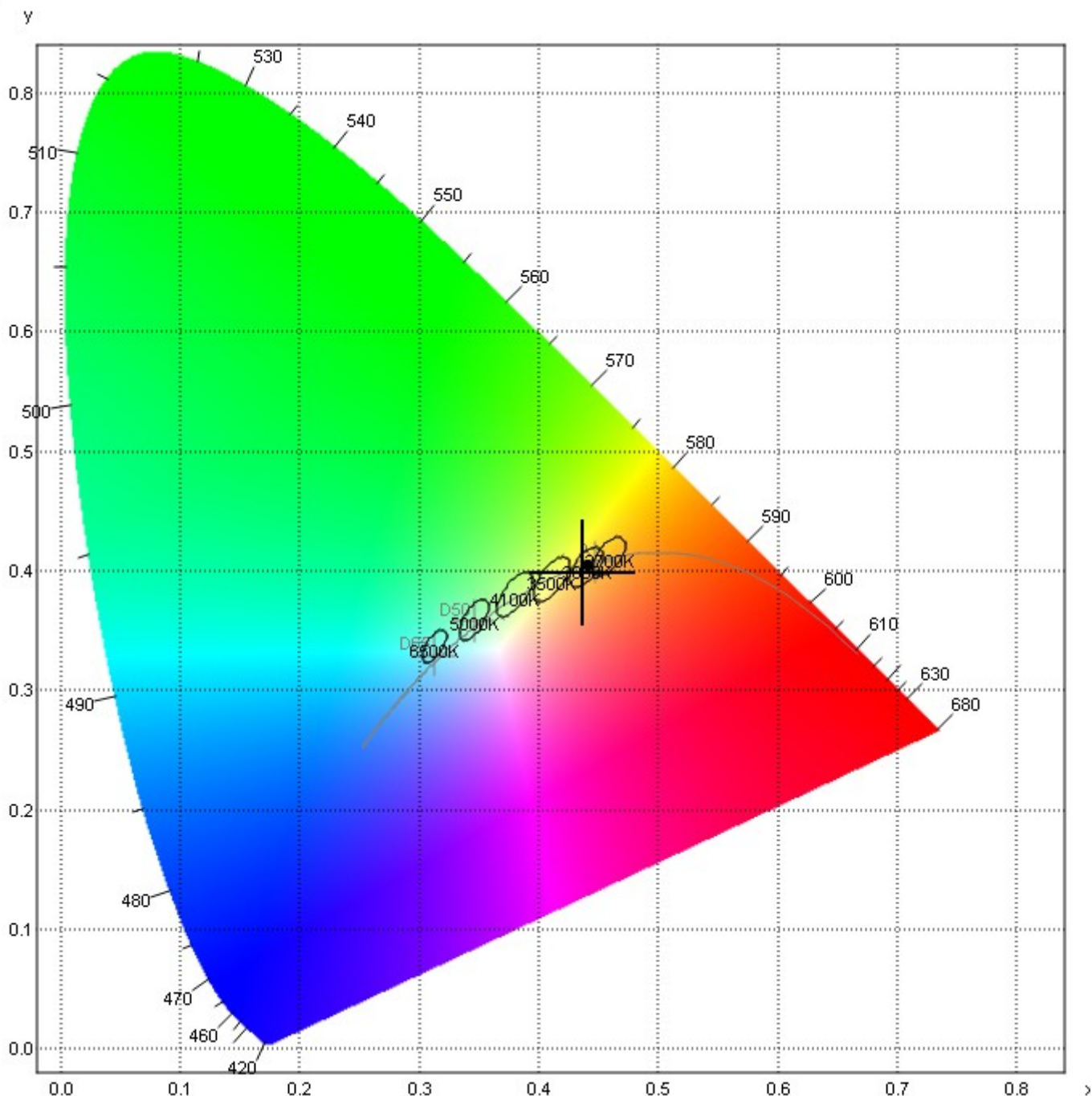
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## Beam cone

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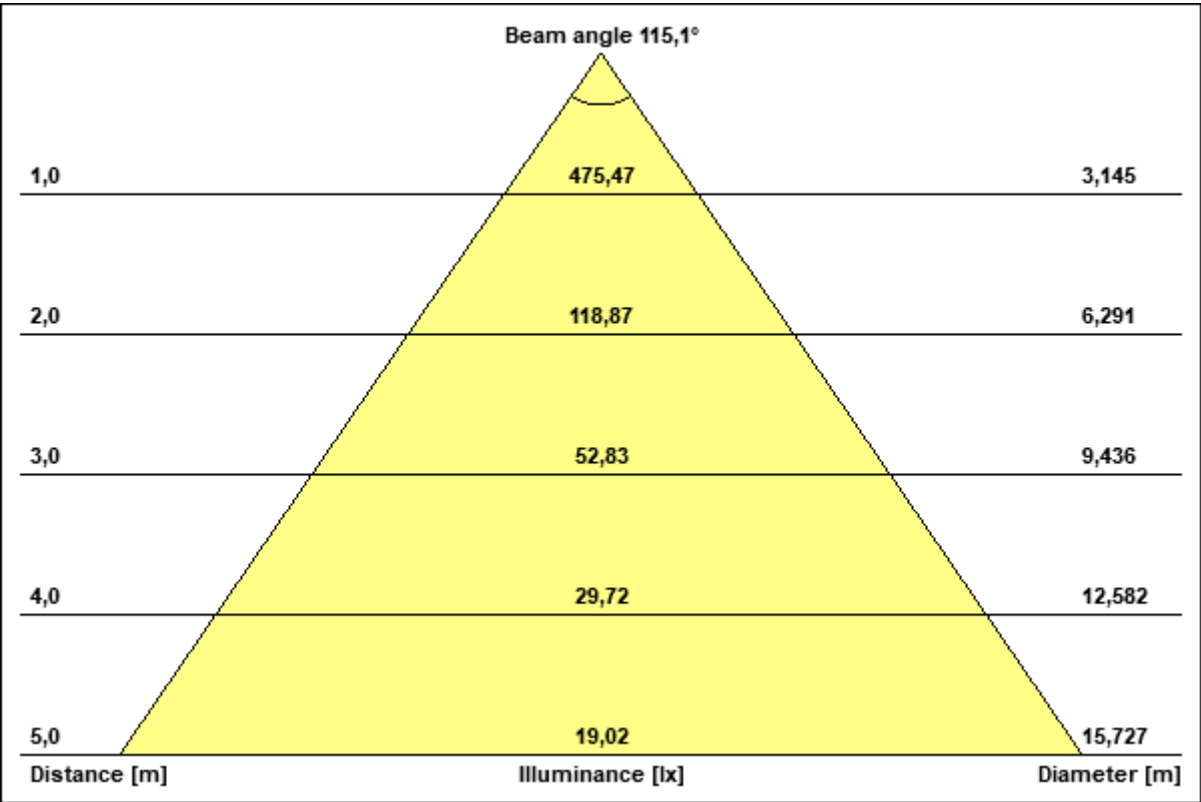
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## Stabilization

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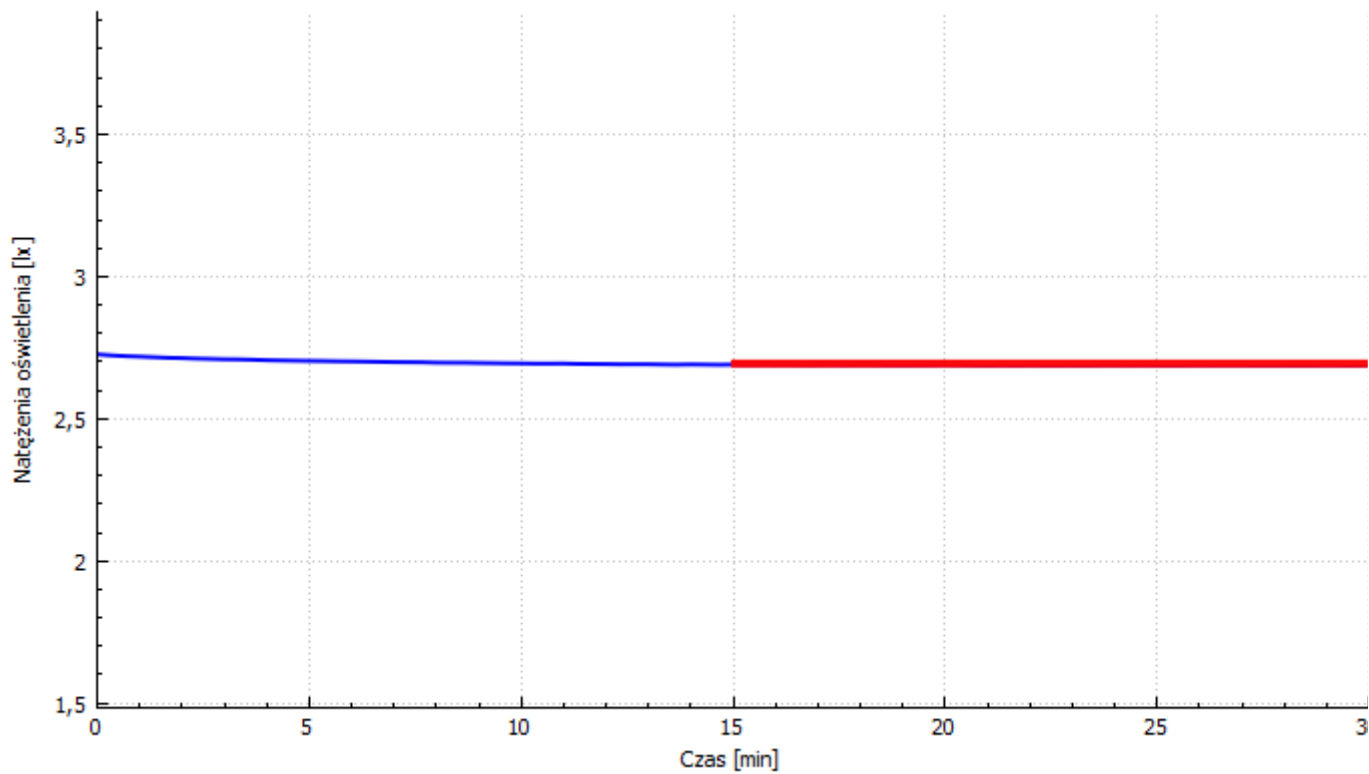
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### 3D Chart

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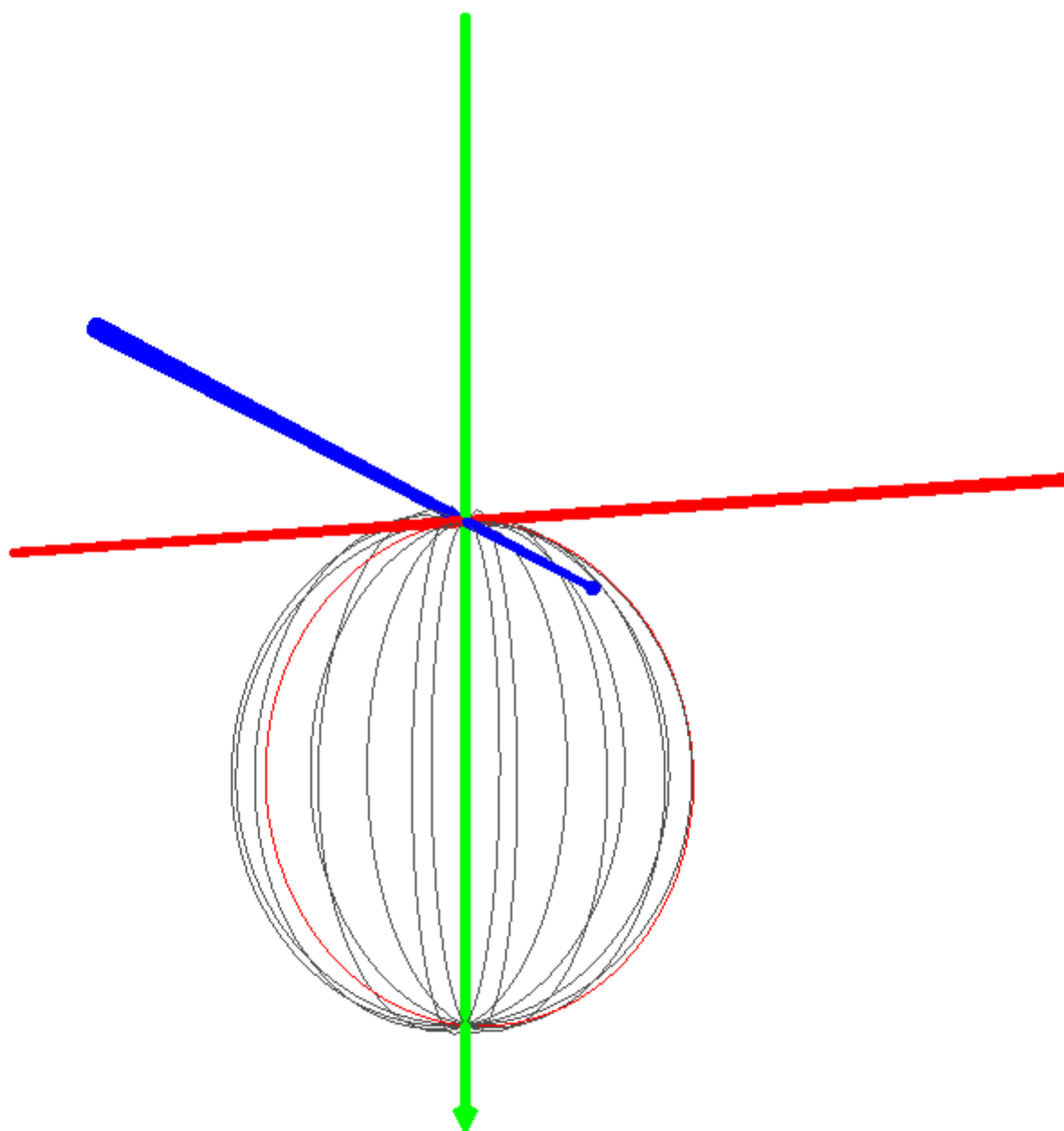
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## Legend

- 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  | 0,00447 | 0       | 2,12e-06  |
| 1  | 100,000 | 100,000 | 100,000   |
| 2  | 0,0146  | 0,0654  | 3,35e-06  |
| 3  | 0,00622 | 30,714  | -0,000907 |
| 4  | 0,00558 | 0,0513  | -1,62e-06 |
| 5  | 0,0122  | 19,959  | 0,00111   |
| 6  | 0,0038  | 0,0653  | 2,58e-06  |
| 7  | 0,00117 | 10,777  | 0         |
| 8  | 0,00259 | 0,0525  | -1,71e-06 |
| 9  | 0,00888 | 17,241  | 0,00121   |
| 10 | 0,0024  | 0,069   | 7,52e-07  |
| 11 | 0,006   | 12,212  | 0,000276  |
| 12 | 0,00245 | 0,0491  | -1,07e-06 |
| 13 | 0,0112  | 14,929  | 0,000557  |
| 14 | 0,00183 | 0,0546  | 3,38e-07  |
| 15 | 0,00421 | 5,489   | 0,000116  |
| 16 | 0,0016  | 0,0383  | 0         |
| 17 | 0,00515 | 3,566   | 4,12e-07  |
| 18 | 0,00122 | 0,0597  | 9,56e-07  |
| 19 | 0,0023  | 3,688   | -9,48e-06 |
| 20 | 0,00102 | 0,0765  | -1,22e-06 |
| 21 | 0,00831 | 8,614   | 0,000222  |

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|    |          |        |           |
|----|----------|--------|-----------|
| 22 | 0,00123  | 0,0964 | 0         |
| 23 | 0,00822  | 5,984  | 0,000208  |
| 24 | 0,000989 | 0,0702 | -5,58e-07 |
| 25 | 0,0115   | 7,559  | 0,000139  |
| 26 | 0,0015   | 0,027  | 4,37e-08  |
| 27 | 0,00605  | 3,164  | 7,62e-05  |
| 28 | 0,00114  | 0      | 0         |
| 29 | 0,00462  | 2,133  | 3,04e-05  |
| 30 | 0,00129  | 0,0603 | 2,14e-07  |
| 31 | 0,0039   | 2,529  | -6,83e-07 |
| 32 | 0,000844 | 0,0845 | 1,05e-07  |
| 33 | 0,0116   | 6,458  | 0,000182  |
| 34 | 0        | 0,0966 | 0         |
| 35 | 0,00905  | 4,625  | 9,86e-05  |
| 36 | 0        | 0,0723 | 0         |
| 37 | 0,00815  | 3,571  | -3,56e-06 |
| 38 | 0        | 0,0392 | 0         |
| 39 | 0,00534  | 1,777  | 1,53e-05  |
| 40 | 0,00123  | 0,0387 | -9,76e-08 |
| 41 | 0,00651  | 2,437  | -2,81e-06 |
| 42 | 0,00114  | 0,0602 | 0         |
| 43 | 0,00484  | 2,241  | 9,73e-06  |
| 44 | 0        | 0,0774 | 0         |
| 45 | 0,00992  | 4,183  | -4,34e-05 |
| 46 | 0        | 0,0477 | 0         |
| 47 | 0,009    | 3,206  | 3,16e-05  |
| 48 | 0        | 0,0387 | 0         |
| 49 | 0,00313  | 1,018  | 3,45e-06  |
| 50 | 0        | 0,0325 | 0         |

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