

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *Linelio 120 OPAL CCT DIMM*  
Item No: *AZ5657*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ5657\_6000*  
LuminaireName: *Linelio OPAL 120 CCT DIMM*  
LuminaireNumber: *AZ5657*  
FileName: *AZ5657\_6000.ldt*  
Date: *2024-09-30*

### Dimensions of luminaire

Length: *1200 mm*  
Width: *35 mm*  
Height: *50 mm*

### Dimensions of luminous area

Length: *1195 mm*  
Width: *30 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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NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*  
Total luminous flux: *2726,64 lm*  
Color temperatur: *6616 K*  
Color rendering index: *92,50*  
Wattage including ballast: *38,82 W*

### Utilization factors:

|          |              |
|----------|--------------|
| k = 0.60 | <i>0,320</i> |
| k = 0.80 | <i>0,405</i> |
| k = 1.00 | <i>0,480</i> |
| k = 1.25 | <i>0,552</i> |
| k = 1.50 | <i>0,609</i> |
| k = 2.00 | <i>0,695</i> |
| k = 2.50 | <i>0,742</i> |
| k = 3.00 | <i>0,778</i> |
| k = 4.00 | <i>0,828</i> |
| k = 5.00 | <i>0,859</i> |

### Electrical parameters

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|                     |                    |
|---------------------|--------------------|
| <i>U</i>            | <i>= 229,603 V</i> |
| <i>I</i>            | <i>= 0,176 A</i>   |
| <i>P</i>            | <i>= 38,823 W</i>  |
| <i>Power factor</i> | <i>= 0,963</i>     |

|                          |                      |
|--------------------------|----------------------|
| <i>Power apparent</i>    | <i>= 40,301 VA</i>   |
| <i>Power Reactive</i>    | <i>= -10,818 var</i> |
| <i>Frequency Voltage</i> | <i>= 50,002 Hz</i>   |
| <i>THD</i>               | <i>= 19,262 %</i>    |

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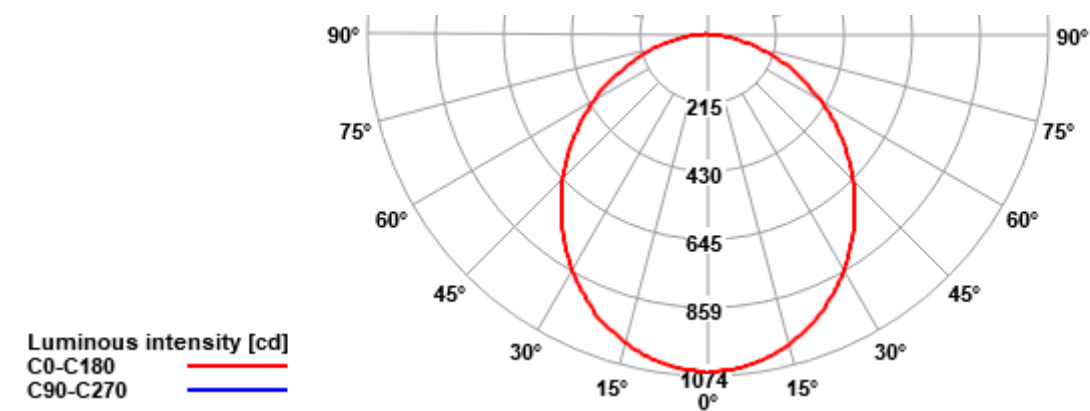
Temperature = 25 C

## Goniometric measurement results

|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 2726,64 lm |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | 0,00 %     |
| Maximum luminous intensity           | 1064,22 cd |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 70,24 lm/W |

## Light intensity distribution diagram

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## CIE 1931 diagram

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|                           |        |
|---------------------------|--------|
| x                         | 0,3124 |
| y                         | 0,3185 |
| Angular Colour Uniformity | 0,0033 |

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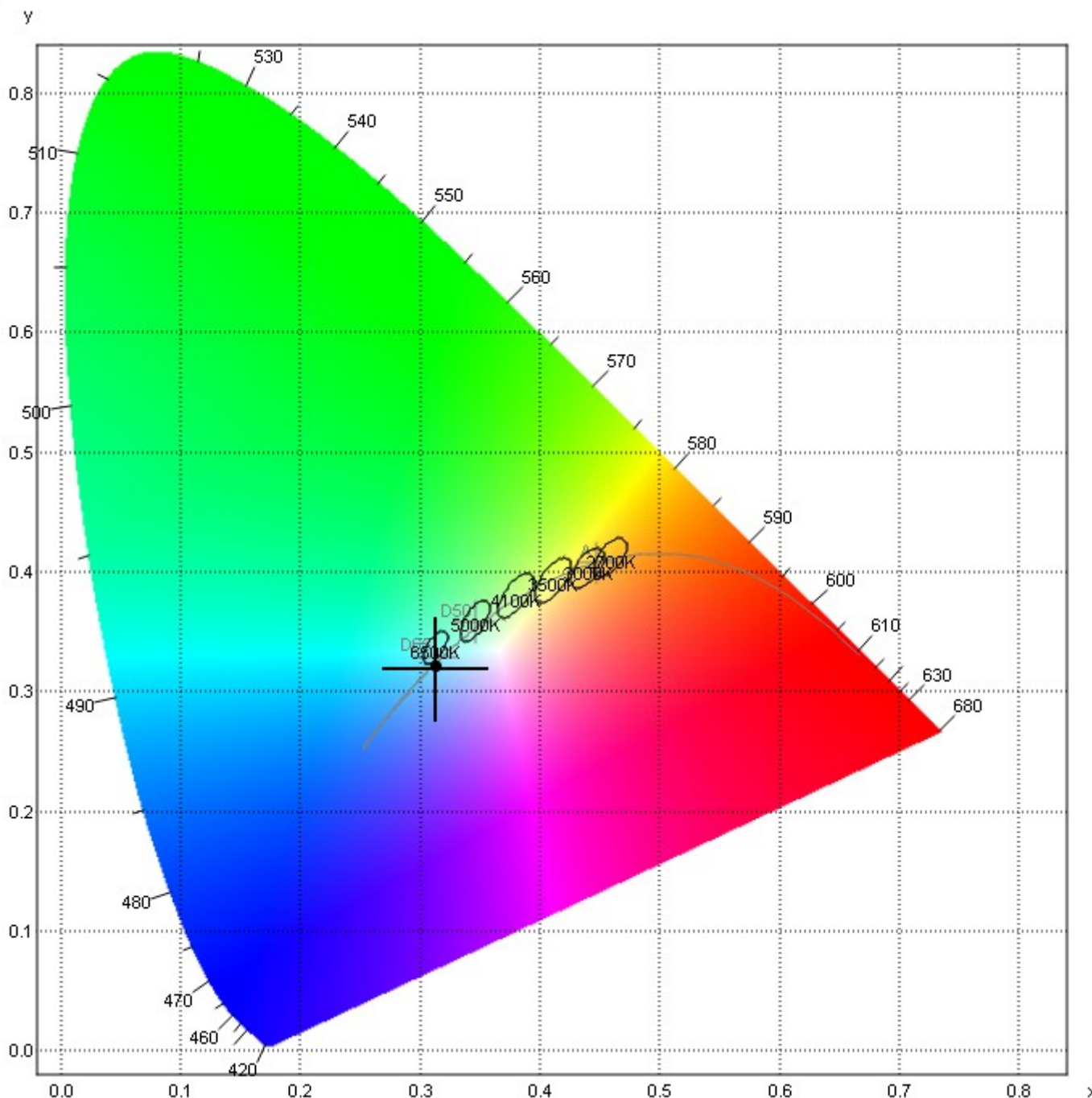
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## Beam cone

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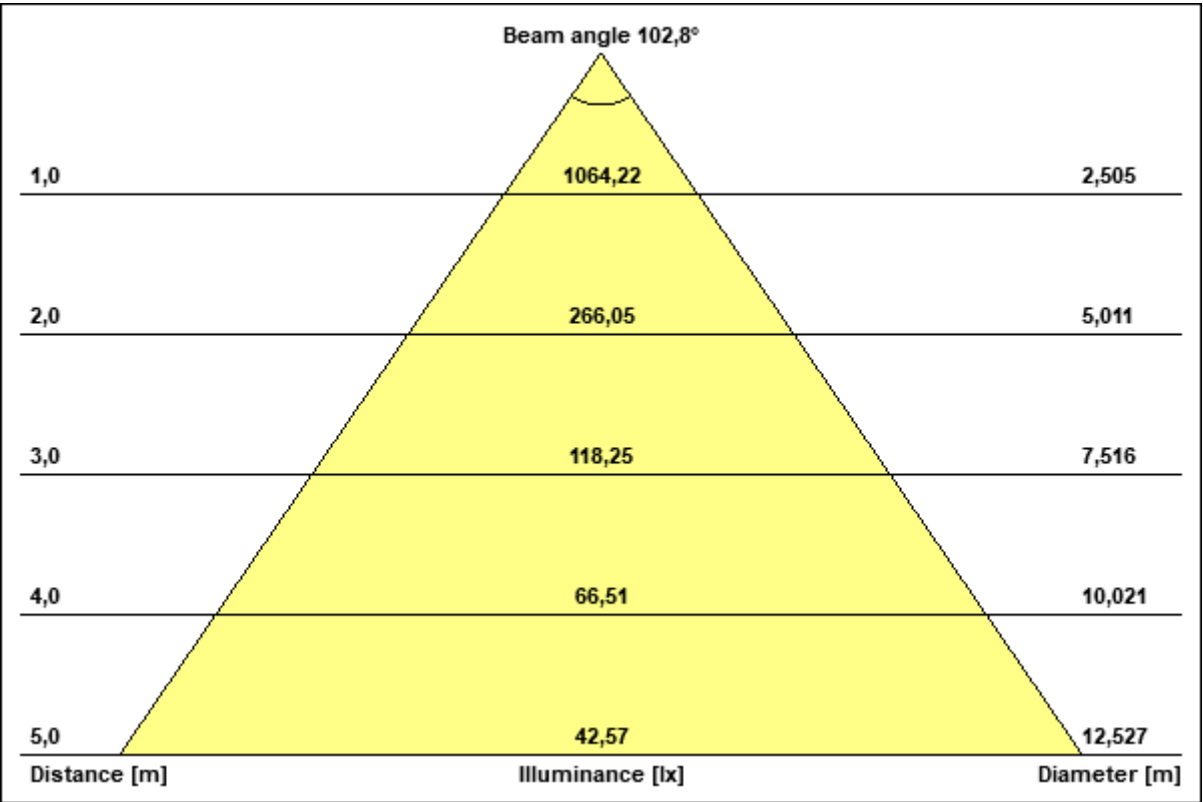
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Stabilization

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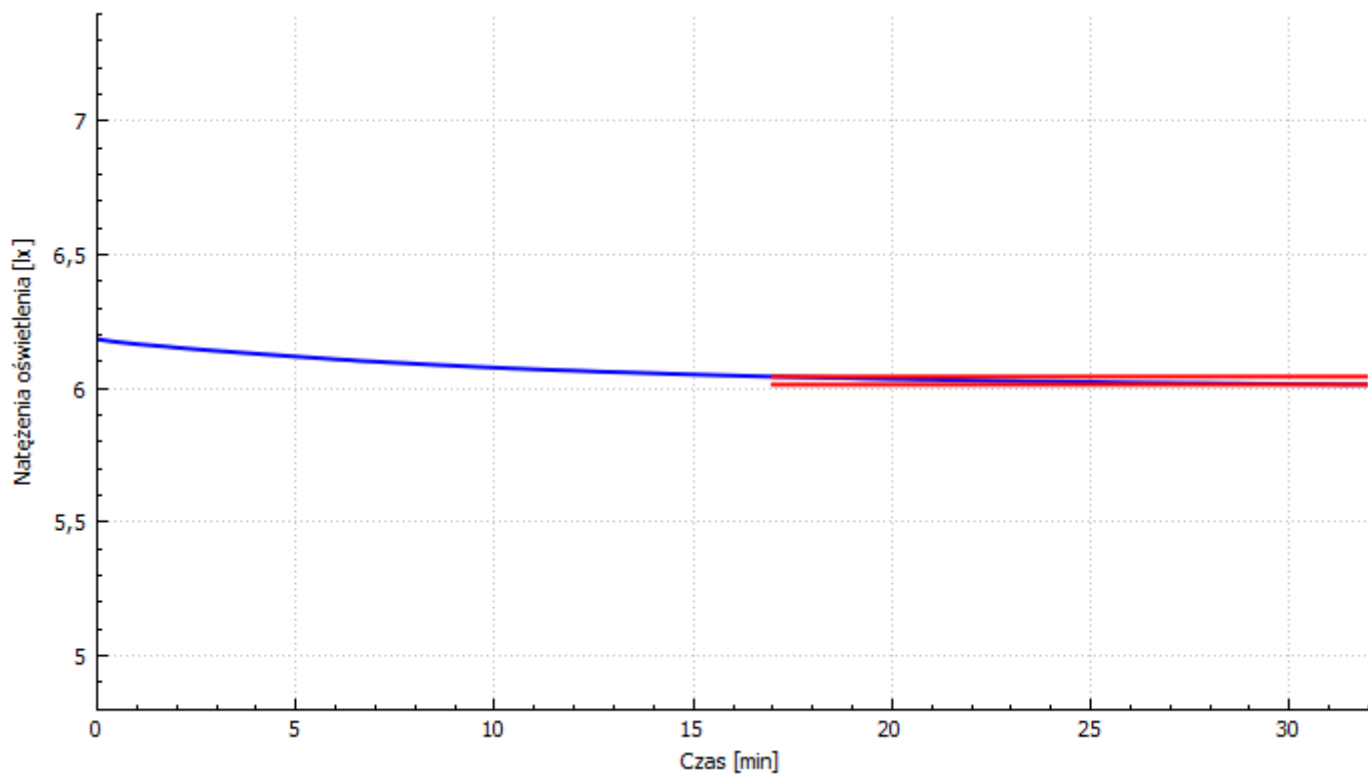
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### 3D Chart

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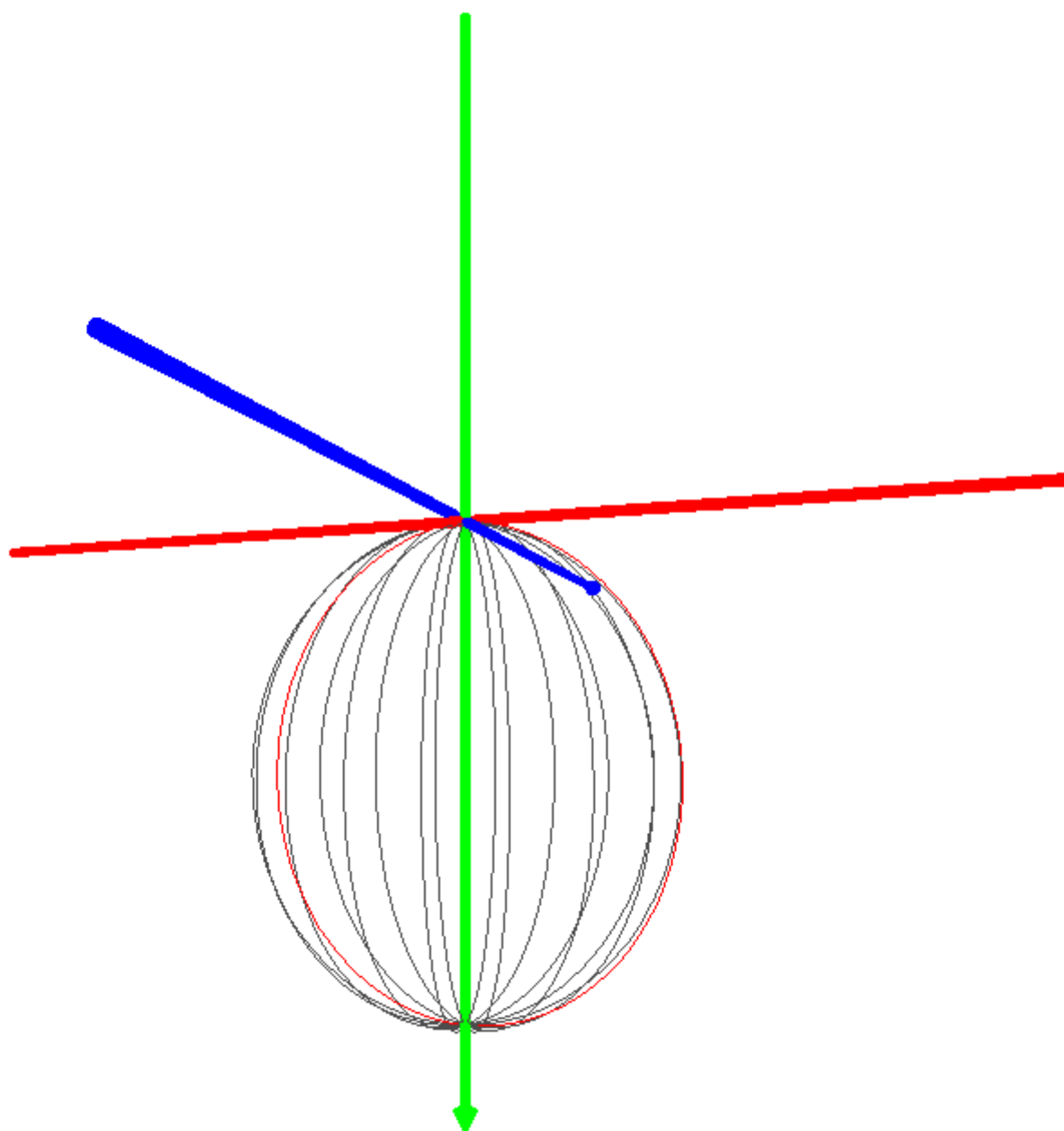
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## Legend

- 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  | 0,00686  | 0       | 0         |
| 1  | 100,000  | 100,000 | 100,000   |
| 2  | 0,0118   | 0       | 0         |
| 3  | 0,0118   | 17,177  | 0,00187   |
| 4  | 0,00402  | 0       | 0         |
| 5  | 0,0108   | 4,649   | 0,000397  |
| 6  | 0,00247  | 0       | 0         |
| 7  | 0,0048   | 1,780   | 9,56e-06  |
| 8  | 0,0019   | 0       | 0         |
| 9  | 0,00127  | 1,838   | -3,46e-05 |
| 10 | 0,00205  | 0       | 0         |
| 11 | 0,00375  | 1,816   | 1,84e-07  |
| 12 | 0,00156  | 0       | 0         |
| 13 | 0,00273  | 1,541   | -5,08e-06 |
| 14 | 0,00183  | 0       | 0         |
| 15 | 0,00119  | 1,224   | -1,54e-05 |
| 16 | 0,00122  | 0       | 0         |
| 17 | 0,00162  | 0,967   | -8,24e-06 |
| 18 | 0,000847 | 0       | 0         |
| 19 | 0,00156  | 0,788   | -7,64e-06 |
| 20 | 0,00144  | 0       | 0         |
| 21 | 0,00203  | 0,651   | -5,55e-06 |

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|    |          |        |           |
|----|----------|--------|-----------|
| 22 | 0,00157  | 0      | 0         |
| 23 | 0,00419  | 0,568  | -4,65e-06 |
| 24 | 0,00109  | 0      | 0         |
| 25 | 0,00277  | 0,497  | -3,28e-07 |
| 26 | 0,00137  | 0      | 0         |
| 27 | 0,00165  | 0,456  | 3,06e-06  |
| 28 | 0,00134  | 0      | 0         |
| 29 | 0,00259  | 0,427  | 3,53e-06  |
| 30 | 0,00126  | 0      | 0         |
| 31 | 0,00135  | 0,369  | 3,65e-06  |
| 32 | 0,00132  | 0      | 0         |
| 33 | 0,00158  | 0,293  | 3,04e-06  |
| 34 | 0,00109  | 0      | 0         |
| 35 | 0,00185  | 0,199  | 3,85e-06  |
| 36 | 0,0011   | 0      | 0         |
| 37 | 0,00117  | 0,122  | 5,91e-07  |
| 38 | 0,00103  | 0      | 0         |
| 39 | 0        | 0,104  | 0         |
| 40 | 0        | 0      | 0         |
| 41 | 0,00113  | 0,0967 | -1,2e-06  |
| 42 | 0,00105  | 0      | 0         |
| 43 | 0,000896 | 0,106  | 0         |
| 44 | 0        | 0      | 0         |
| 45 | 0,0011   | 0,118  | 2,75e-08  |
| 46 | 0        | 0      | 0         |
| 47 | 0,00105  | 0,109  | -1,74e-07 |
| 48 | 0        | 0      | 0         |
| 49 | 0        | 0,0643 | -4,76e-07 |
| 50 | 0        | 0      | 0         |

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