

## GL GONIOSPECTROMETER MEASUREMENT TAG LIST

### Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting Company*  
Model name: *SANTOS TRACK 3LINE 12W 3000K BK/BK*  
Item No: *AZ4183*  
Serial No.:  
Made by: *Adam Nawrot*

### Eulumdat Fields

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#### Dimensions of luminaire

Company: *Azzardo*  
Report number: *1*  
LuminaireName: *Santos Track*  
LuminaireNumber: *AZ4183*  
FileName: *AZ4183.Idt*  
Date: *2021-04-22*

#### Dimensions of luminaire

Length: *50 mm*  
Width: *0 mm*  
Height: *225 mm*

#### Dimensions of luminous area

Length: *30 mm*  
Width: *0 mm*  
C0-plane *25 mm*  
C90-plane *25 mm*  
C180-plane *25 mm*  
C270-plane *25 mm*

**Lamps:**

Number of lamps: -1  
Type of lamps: *Led zintegrowany*  
Total luminous flux: *748,40 lm*  
Color temperatur: *3046.72 K*  
Color rendering index: *83,56*  
Wattage including ballast: *8,89 W*

**Utilization factors:**

|          |              |
|----------|--------------|
| k = 0.60 | <i>0,634</i> |
| k = 0.80 | <i>0,689</i> |
| k = 1.00 | <i>0,745</i> |
| k = 1.25 | <i>0,790</i> |
| k = 1.50 | <i>0,824</i> |
| k = 2.00 | <i>0,883</i> |
| k = 2.50 | <i>0,899</i> |
| k = 3.00 | <i>0,916</i> |
| k = 4.00 | <i>0,942</i> |
| k = 5.00 | <i>0,958</i> |

**Electrical parameters**

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|                     |                    |
|---------------------|--------------------|
| <i>U</i>            | <i>= 229,687 V</i> |
| <i>I</i>            | <i>= 0,082 A</i>   |
| <i>P</i>            | <i>= 8,890 W</i>   |
| <i>Power factor</i> | <i>= 0,470</i>     |

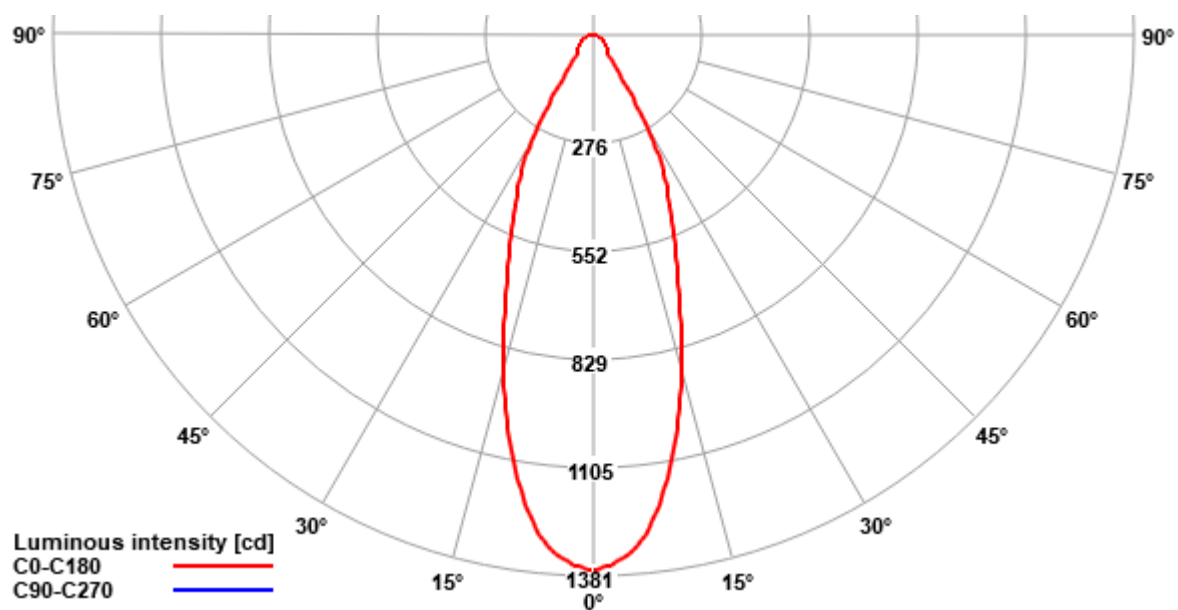
|                          |                      |
|--------------------------|----------------------|
| <i>Power apparent</i>    | <i>= 18,913 VA</i>   |
| <i>Power Reactive</i>    | <i>= -12,990 var</i> |
| <i>Frequency Voltage</i> | <i>= 50,002 Hz</i>   |
| <i>THD</i>               | <i>= 0,000 %</i>     |

*Temperature = 22 C*

## Goniometric measurement results

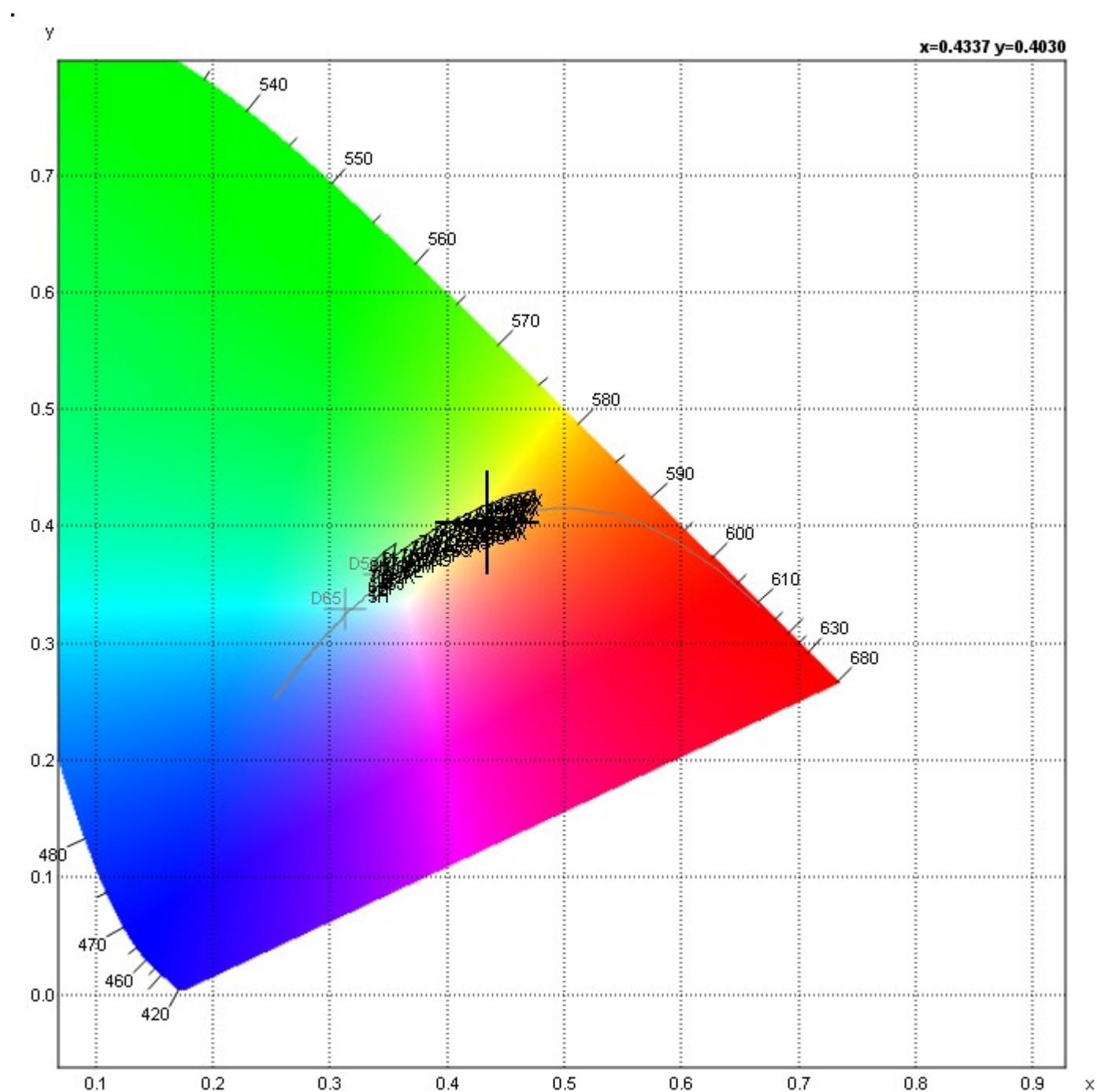
|                                      |                   |
|--------------------------------------|-------------------|
| Total flux (utilized luminarie flux) | <i>748,40 lm</i>  |
| Flux in lower hemisphere             | <i>100,00 %</i>   |
| Flux in upper hemisphere             | <i>0,00 %</i>     |
| Maximum luminous intensity           | <i>1367,57 cd</i> |
| Light output ratio (LOR)             | <i>100,00 %</i>   |
| Luminous efficacy                    | <i>84,18 lm/W</i> |

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,4337  
y 0,4030  
Angular Colour Uniformity 0,0006



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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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REGON 360317241

KRS: 0000537079

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## Beam cone

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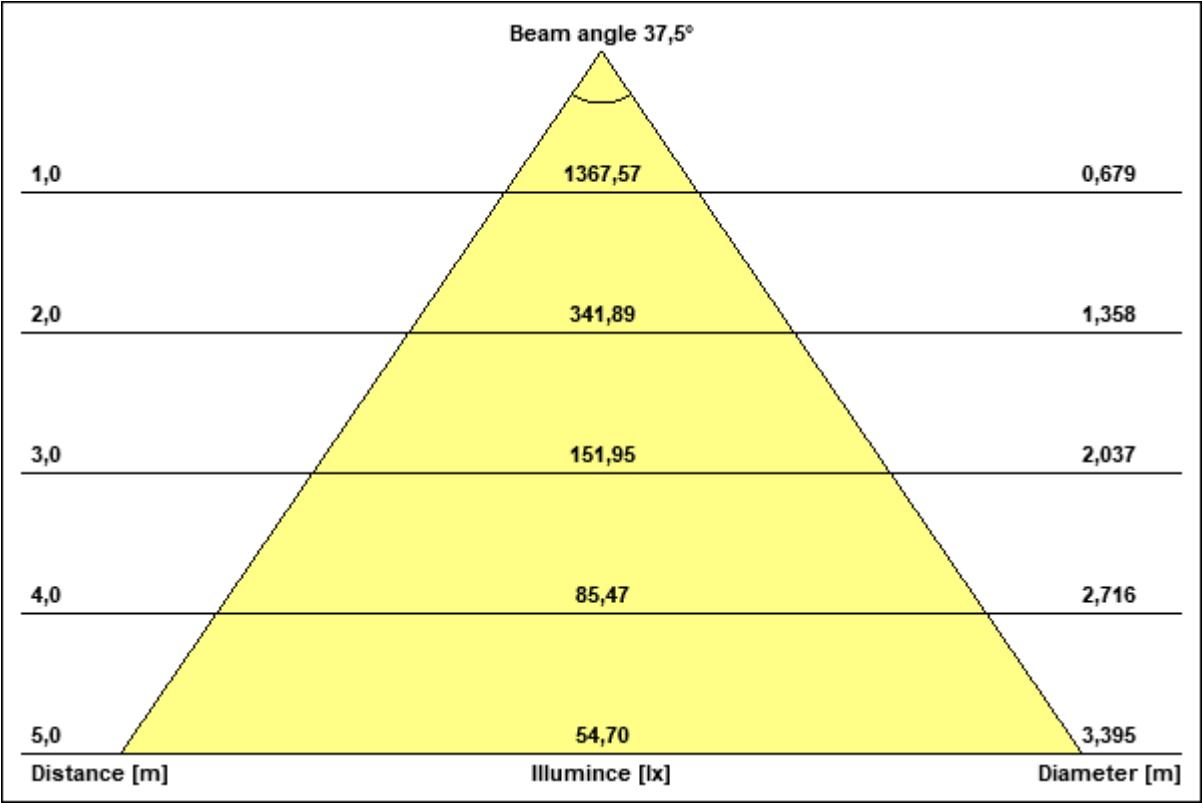
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# Stabilization

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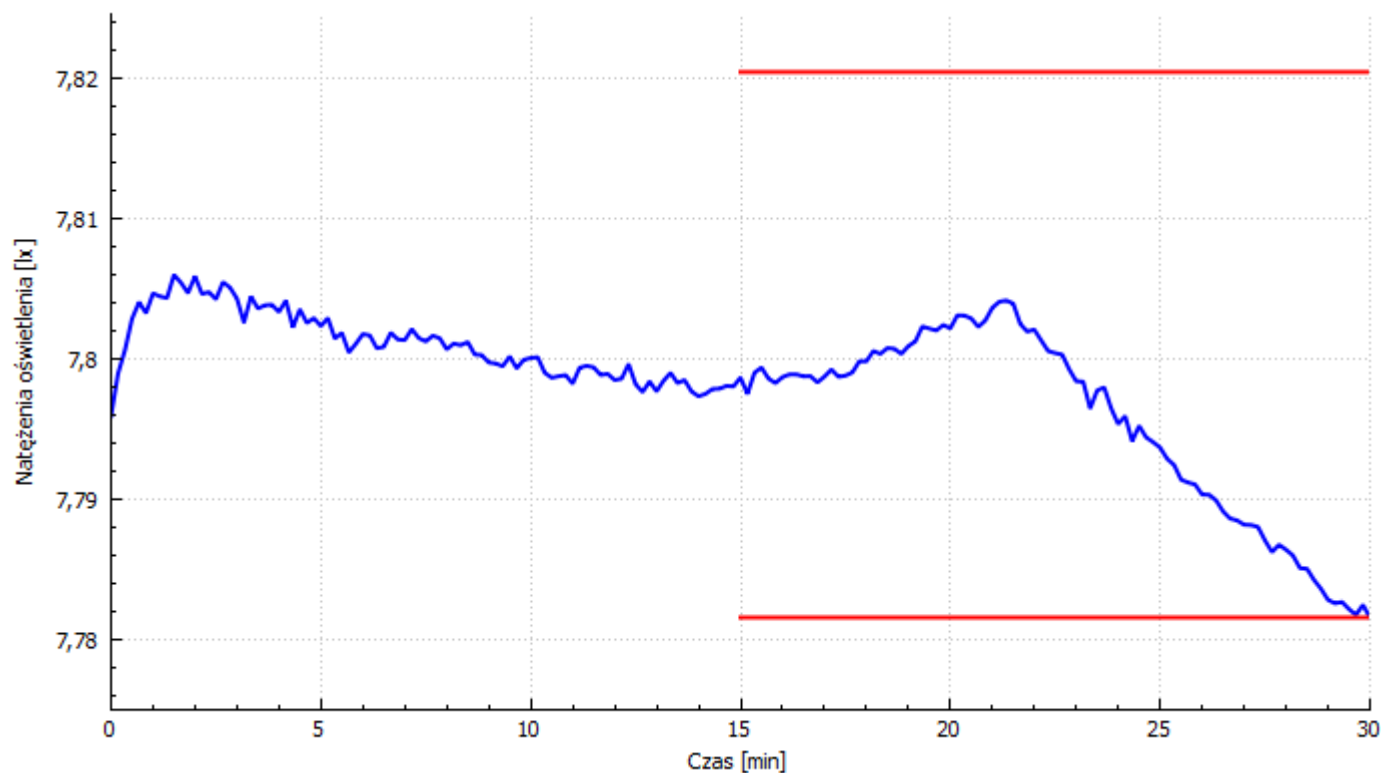
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## 3D Chart

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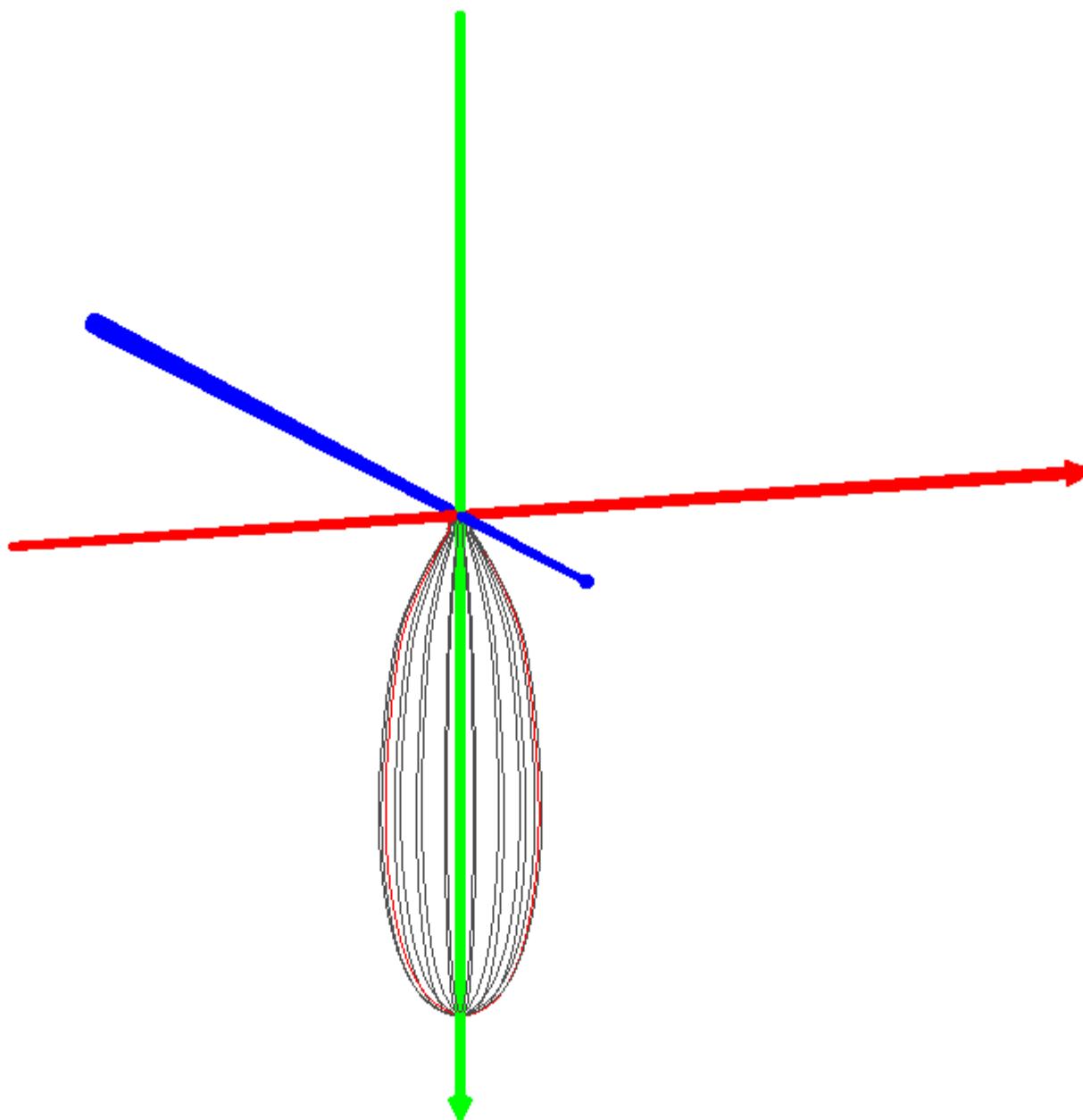
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## Legend

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

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## Extended electrical report

|    | U(%f) | I(%f) | P(%f) |
|----|-------|-------|-------|
| 0  | 0     | 0     | 0     |
| 1  | 0     | 0     | 0     |
| 2  | 0     | 0     | 0     |
| 3  | 0     | 0     | 0     |
| 4  | 0     | 0     | 0     |
| 5  | 0     | 0     | 0     |
| 6  | 0     | 0     | 0     |
| 7  | 0     | 0     | 0     |
| 8  | 0     | 0     | 0     |
| 9  | 0     | 0     | 0     |
| 10 | 0     | 0     | 0     |
| 11 | 0     | 0     | 0     |
| 12 | 0     | 0     | 0     |
| 13 | 0     | 0     | 0     |
| 14 | 0     | 0     | 0     |
| 15 | 0     | 0     | 0     |
| 16 | 0     | 0     | 0     |
| 17 | 0     | 0     | 0     |
| 18 | 0     | 0     | 0     |
| 19 | 0     | 0     | 0     |
| 20 | 0     | 0     | 0     |
| 21 | 0     | 0     | 0     |
| 22 | 0     | 0     | 0     |
| 23 | 0     | 0     | 0     |
| 24 | 0     | 0     | 0     |
| 25 | 0     | 0     | 0     |
| 26 | 0     | 0     | 0     |
| 27 | 0     | 0     | 0     |
| 28 | 0     | 0     | 0     |
| 29 | 0     | 0     | 0     |
| 30 | 0     | 0     | 0     |
| 31 | 0     | 0     | 0     |
| 32 | 0     | 0     | 0     |
| 33 | 0     | 0     | 0     |
| 34 | 0     | 0     | 0     |
| 35 | 0     | 0     | 0     |
| 36 | 0     | 0     | 0     |
| 37 | 0     | 0     | 0     |
| 38 | 0     | 0     | 0     |
| 39 | 0     | 0     | 0     |
| 40 | 0     | 0     | 0     |
| 41 | 0     | 0     | 0     |
| 42 | 0     | 0     | 0     |

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|    |   |   |   |
|----|---|---|---|
| 43 | 0 | 0 | 0 |
| 44 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 |
| 48 | 0 | 0 | 0 |
| 49 | 0 | 0 | 0 |
| 50 | 0 | 0 | 0 |