

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting Company*

Model name: *LAMIR R 12 3000K*

Item No: *AZ4385*

Serial No.:

Made by: *Adam Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*

Report number: *2020-09-10-1*

LuminaireName: *Lamir R12 3000K*

LuminaireNumber: *AZ4385*

FileName: *AZ4385.Idt*

Date: *2022-01-24*

### Dimensions of luminaire

Length: *120 mm*

Width: *0 mm*

Height: *25 mm*

### Dimensions of luminous area

Length: *120 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: 1526,73 lm  
Color temperatur: 3469.82 K  
Color rendering index: 96,45  
Wattage including ballast: 16,73 W

**Utilization factors:**

|          |       |
|----------|-------|
| k = 0.60 | 0,267 |
| k = 0.80 | 0,346 |
| k = 1.00 | 0,416 |
| k = 1.25 | 0,487 |
| k = 1.50 | 0,542 |
| k = 2.00 | 0,628 |
| k = 2.50 | 0,679 |
| k = 3.00 | 0,718 |
| k = 4.00 | 0,773 |
| k = 5.00 | 0,809 |

**Electrical parameters**

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|                     |             |
|---------------------|-------------|
| <i>U</i>            | = 229,696 V |
| <i>I</i>            | = 0,087 A   |
| <i>P</i>            | = 16,726 W  |
| <i>Power factor</i> | = 0,834     |

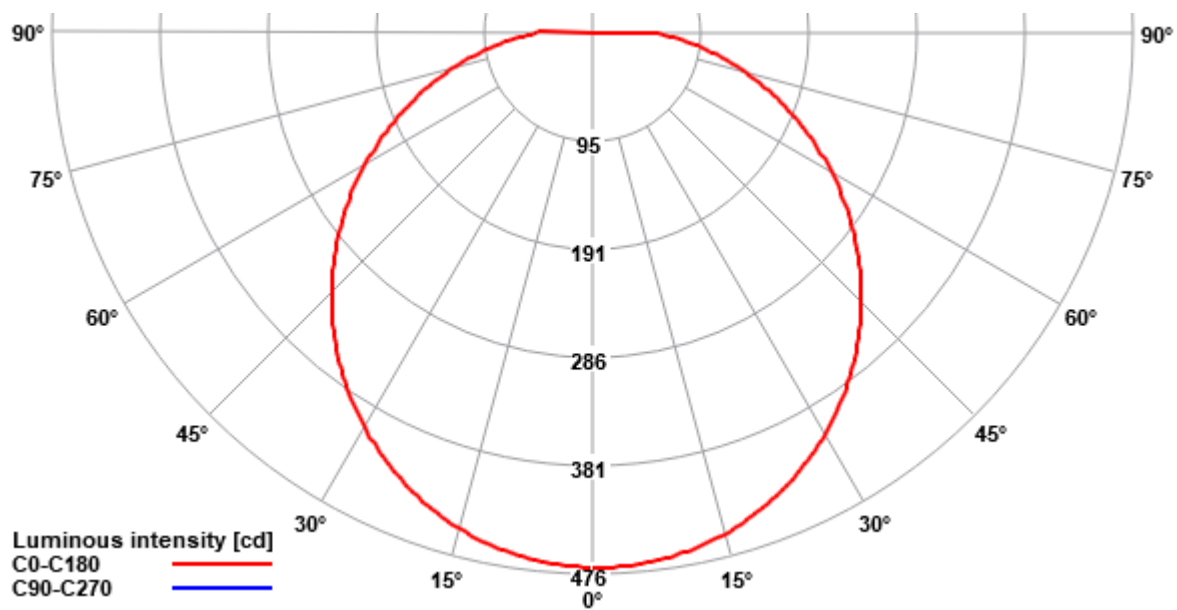
|                          |               |
|--------------------------|---------------|
| <i>Power apparent</i>    | = 20,060 VA   |
| <i>Power Reactive</i>    | = -11,069 var |
| <i>Frequency Voltage</i> | = 50,002 Hz   |
| <i>THD</i>               | = 0,000 %     |

*Temperature* = 22 C

## Goniometric measurement results

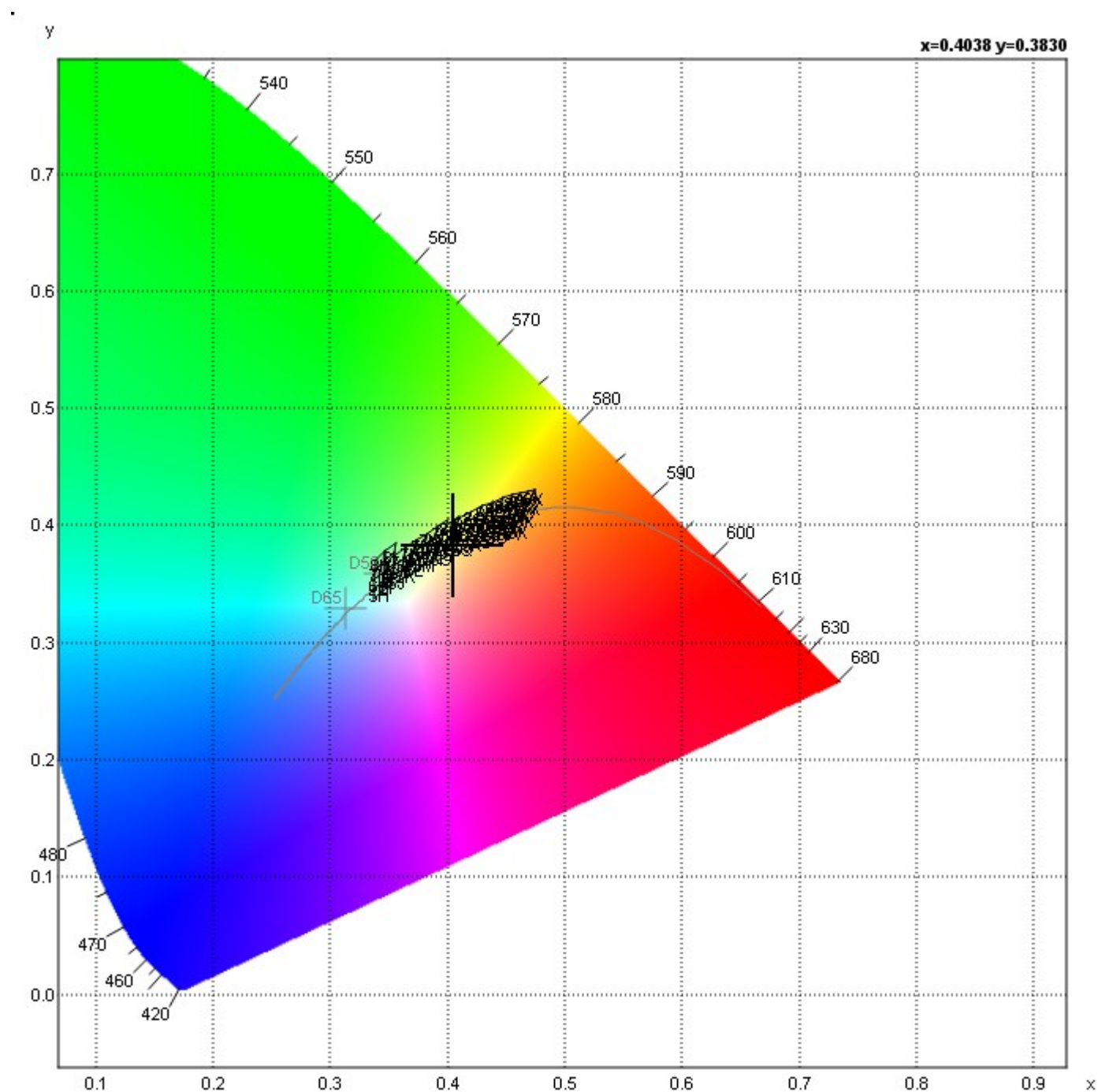
|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 1526,73 lm |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | 0,00 %     |
| Maximum luminous intensity           | 472,05 cd  |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 91,26 lm/W |

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,4038  
y 0,3830  
Angular Colour Uniformity 0,0194



GL Optic R&D Center Sp. z o.o.

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Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

## Beam cone

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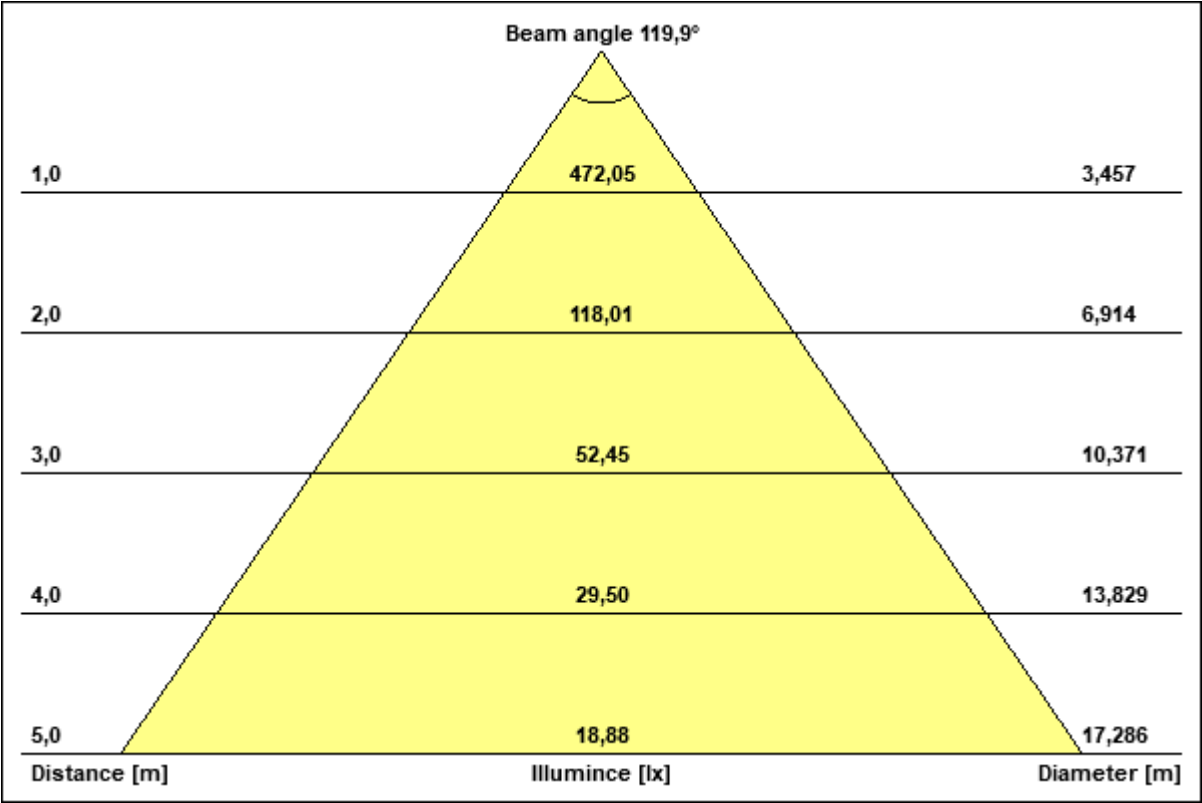
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# Stabilization

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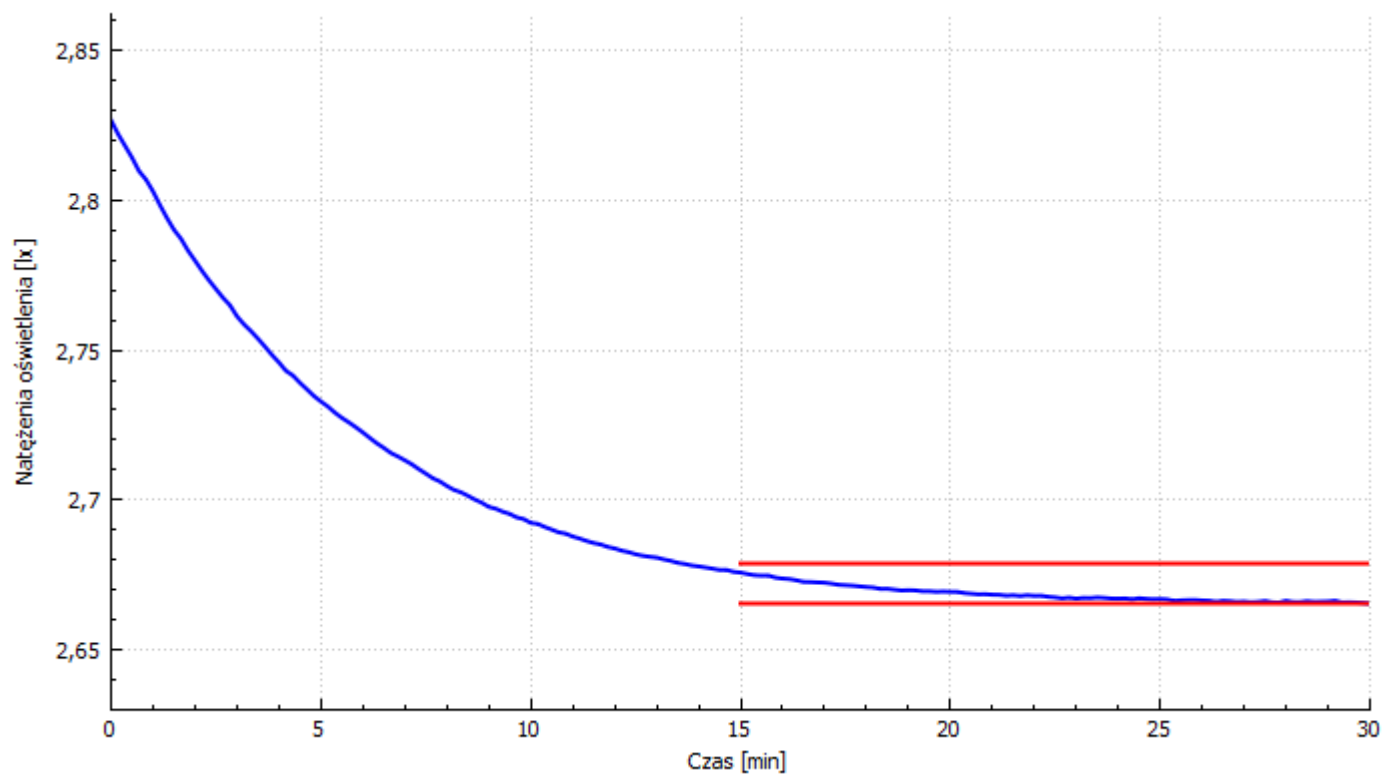
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### 3D Chart

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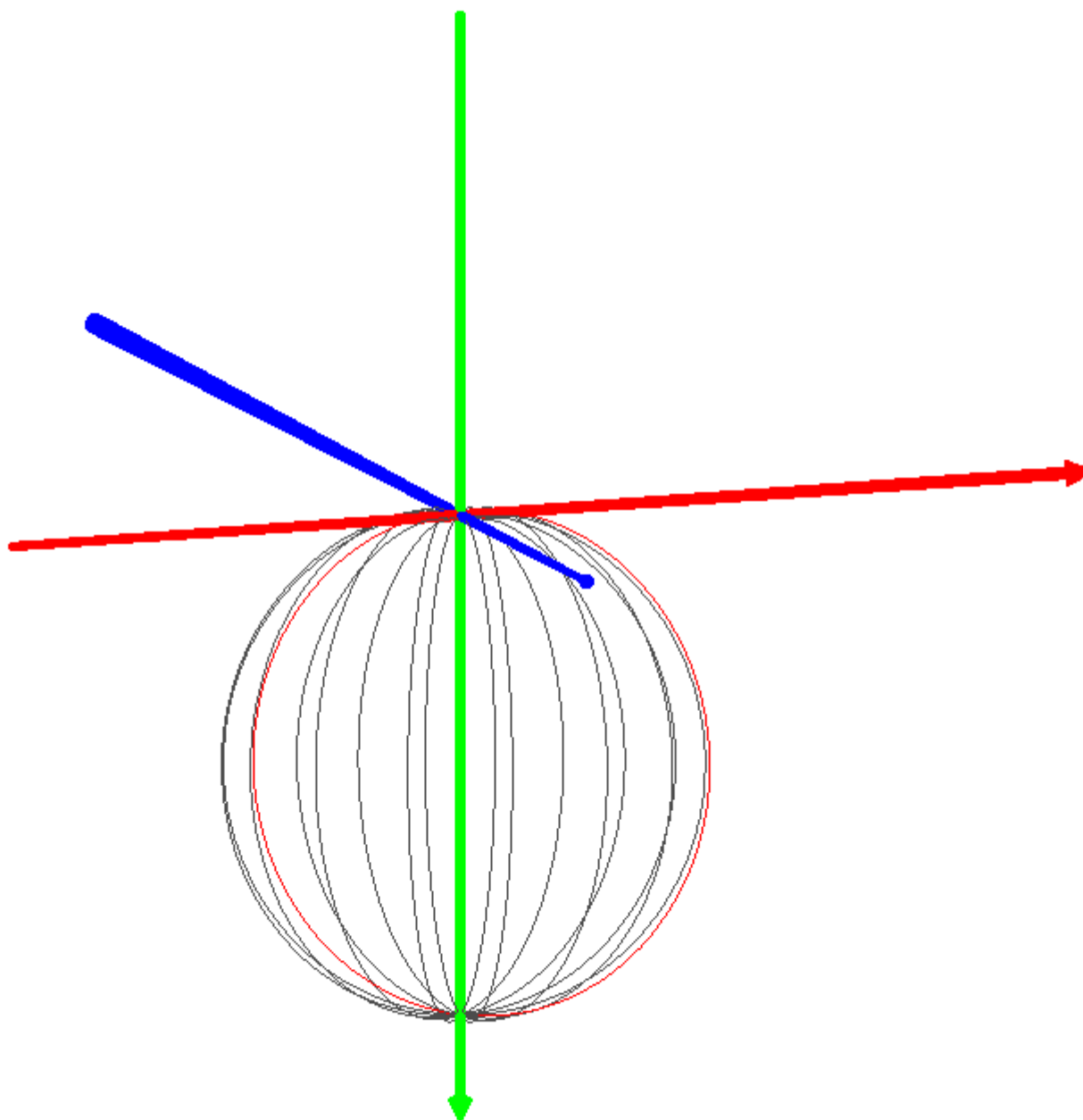
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## Legend

- 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 |