

## GL GONIOSPECTROMETER MEASUREMENT TAG LIST

### Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting Company*  
Model name: *QUADRO 50 LED CCT SILVER 6000*  
Item No: *AZ2758*  
Serial No.:  
Made by: *Adam Nawrot*

### Eulumdat Fields

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#### Dimensions of luminaire

Company: *Azzardo*  
Report number: *TECH\_LED\_2*  
LuminaireName: *Quadro 50 CCT 6000K*  
LuminaireNumber: *AZ2759*  
FileName: *AZ2759.Idt*  
Date: *2020-12-02*

#### Dimensions of luminaire

Length: *505 mm*  
Width: *505 mm*  
Height: *60 mm*

#### Dimensions of luminous area

Length: *489 mm*  
Width: *489 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: 4611,22 lm  
Color temperatur: 6251 K  
Color rendering index: 82,98  
Wattage including ballast: 57,22 W

**Utilization factors:**

|          |       |
|----------|-------|
| k = 0.60 | 0,297 |
| k = 0.80 | 0,381 |
| k = 1.00 | 0,455 |
| k = 1.25 | 0,528 |
| k = 1.50 | 0,585 |
| k = 2.00 | 0,672 |
| k = 2.50 | 0,721 |
| k = 3.00 | 0,759 |
| k = 4.00 | 0,811 |
| k = 5.00 | 0,843 |

**Electrical parameters**

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|                     |             |
|---------------------|-------------|
| <i>U</i>            | = 229,614 V |
| <i>I</i>            | = 0,253 A   |
| <i>P</i>            | = 57,225 W  |
| <i>Power factor</i> | = 0,987     |

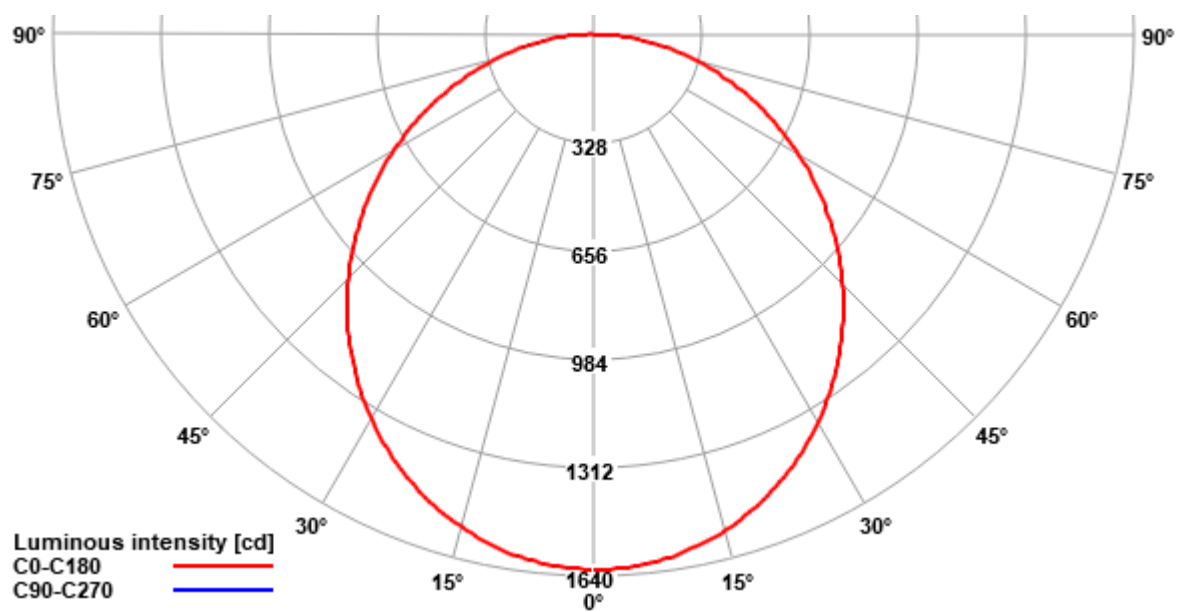
|                          |              |
|--------------------------|--------------|
| <i>Power apparent</i>    | = 58,005 VA  |
| <i>Power Reactive</i>    | = -9,463 var |
| <i>Frequency Voltage</i> | = 50,002 Hz  |
| <i>THD</i>               | = 0,000 %    |

*Temperature* = 22 C

## Goniometric measurement results

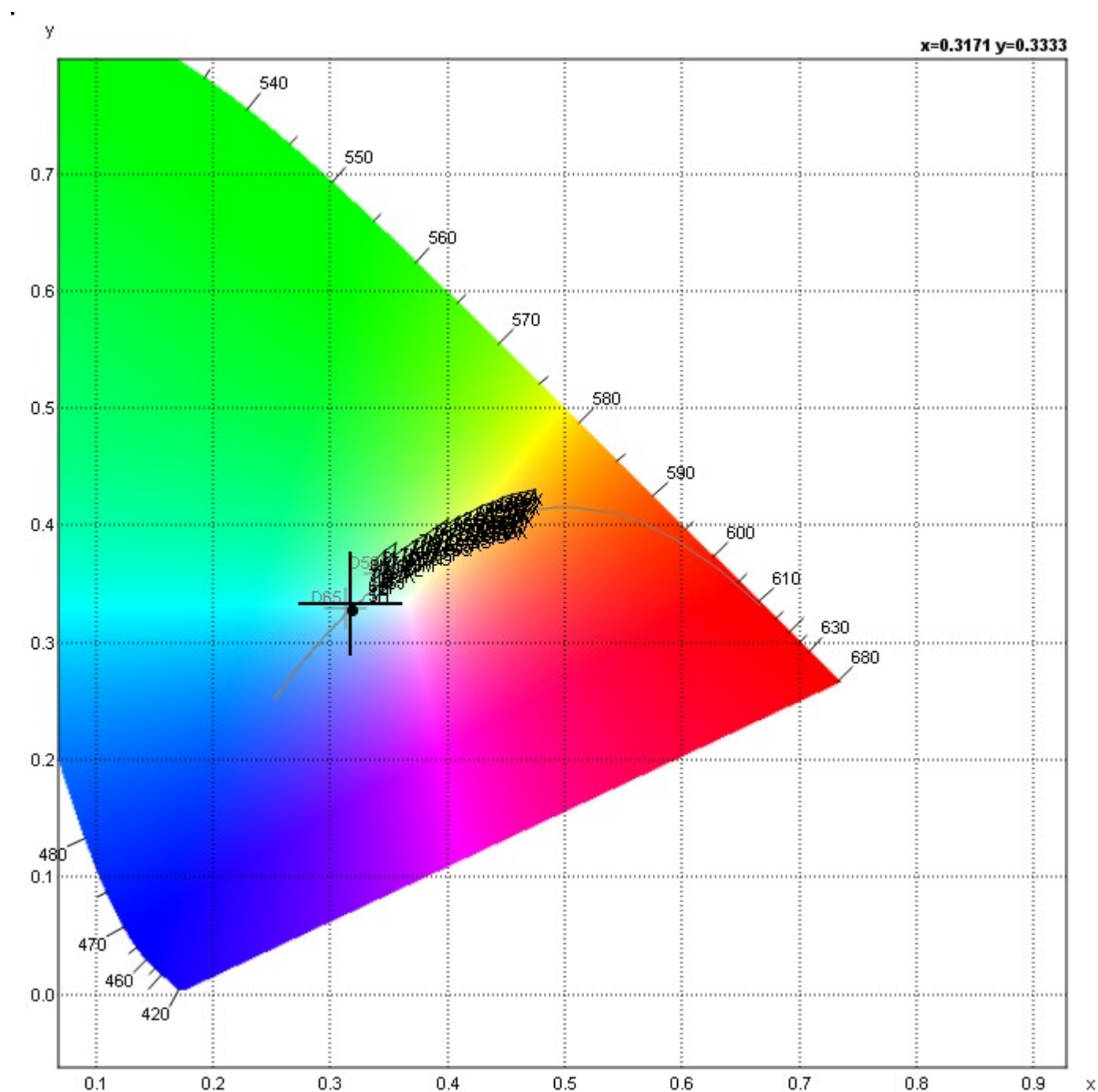
|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 4611,22 lm |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | 0,00 %     |
| Maximum luminous intensity           | 1625,02 cd |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 80,59 lm/W |

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,3171  
y 0,3333  
Angular Colour Uniformity 0,0015



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

ul. Poznańska 70

PL-62-040 Puszczkowo; Poland

Tel.: +48 61 819 40 03

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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

## Beam cone

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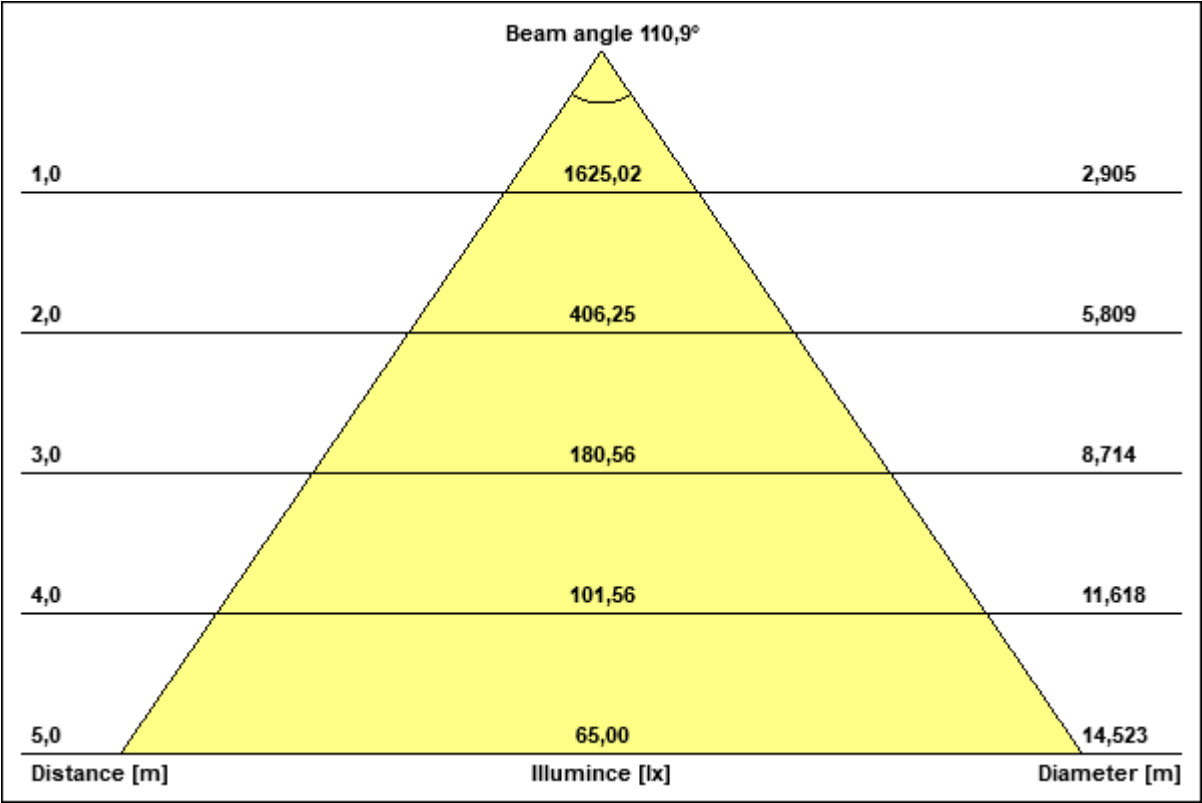
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

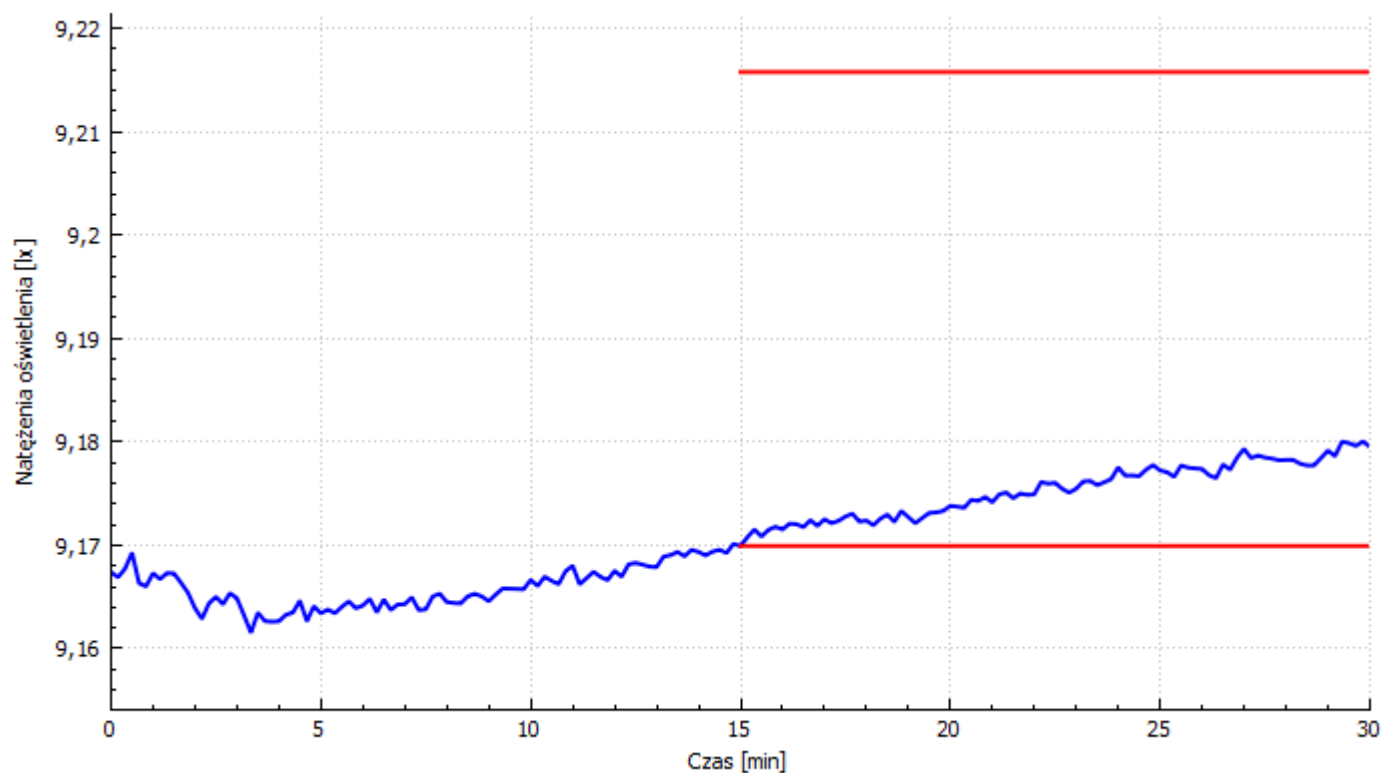
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# Stabilization



## 3D Chart

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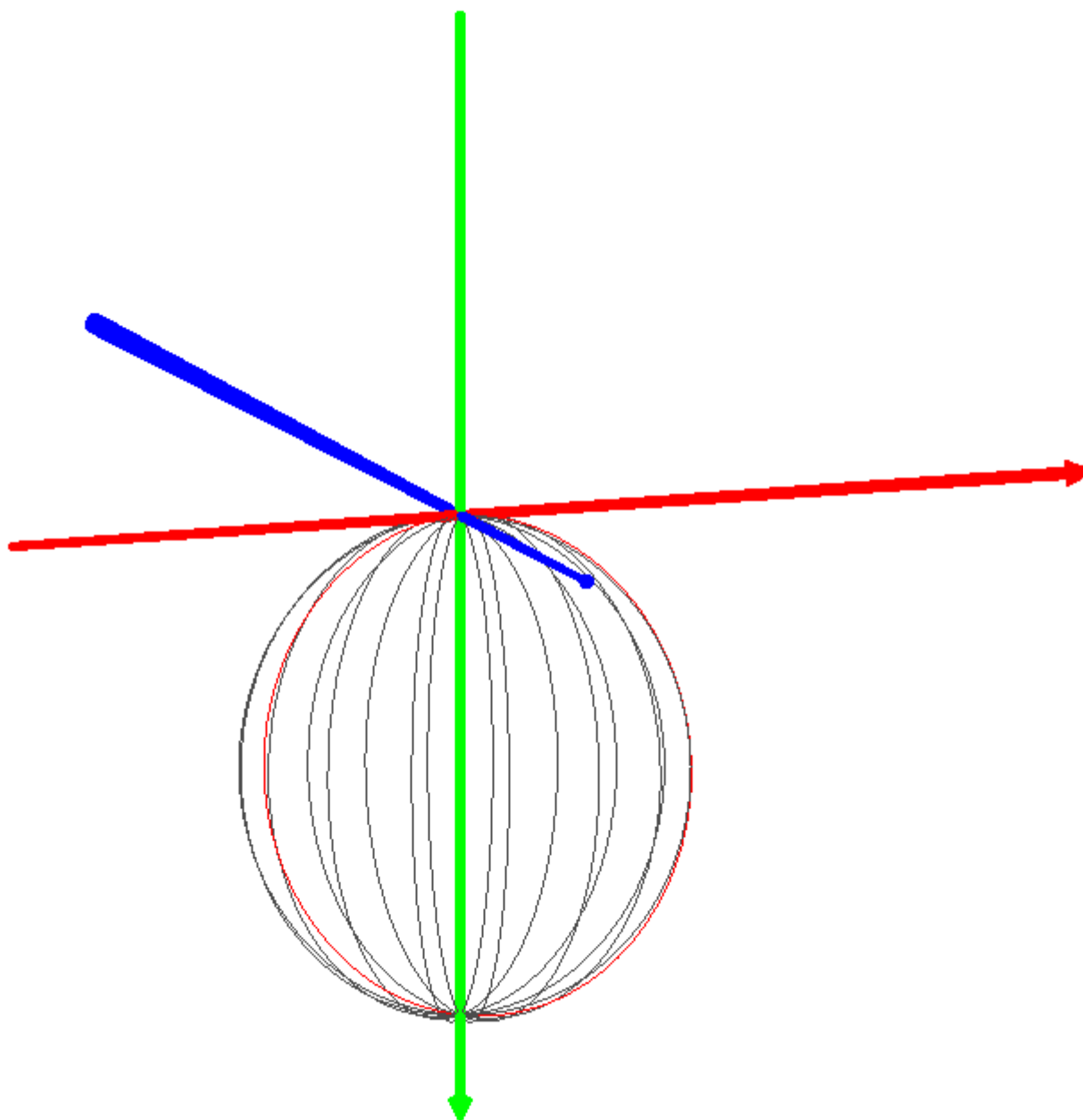
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## Legend

- 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 |