

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting Company*  
Model name: *SLIM 15 SQUARE 3000K IP44 WHITE*  
Item No: *AZ2837*  
Serial No.:  
Made by: *Adam Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *1*  
LuminaireName: *Slim 15 Square 3000K*  
LuminaireNumber: *AZ2837*  
FileName: *AZ2837.Idt*  
Date: *2021-02-11*

### Dimensions of luminaire

Length: *145 mm*  
Width: *145 mm*  
Height: *10 mm*

### Dimensions of luminous area

Length: *125 mm*  
Width: *125 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: 864,58 lm  
Color temperatur: 2810.73 K  
Color rendering index: 91,48  
Wattage including ballast: 11,43 W

**Utilization factors:**

|          |       |
|----------|-------|
| k = 0.60 | 0,295 |
| k = 0.80 | 0,379 |
| k = 1.00 | 0,453 |
| k = 1.25 | 0,526 |
| k = 1.50 | 0,583 |
| k = 2.00 | 0,670 |
| k = 2.50 | 0,720 |
| k = 3.00 | 0,758 |
| k = 4.00 | 0,810 |
| k = 5.00 | 0,843 |

**Electrical parameters**

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$U$  = 229,608 V  
 $I$  = 0,131 A  
 $P$  = 11,431 W  
Power factor = 0,380

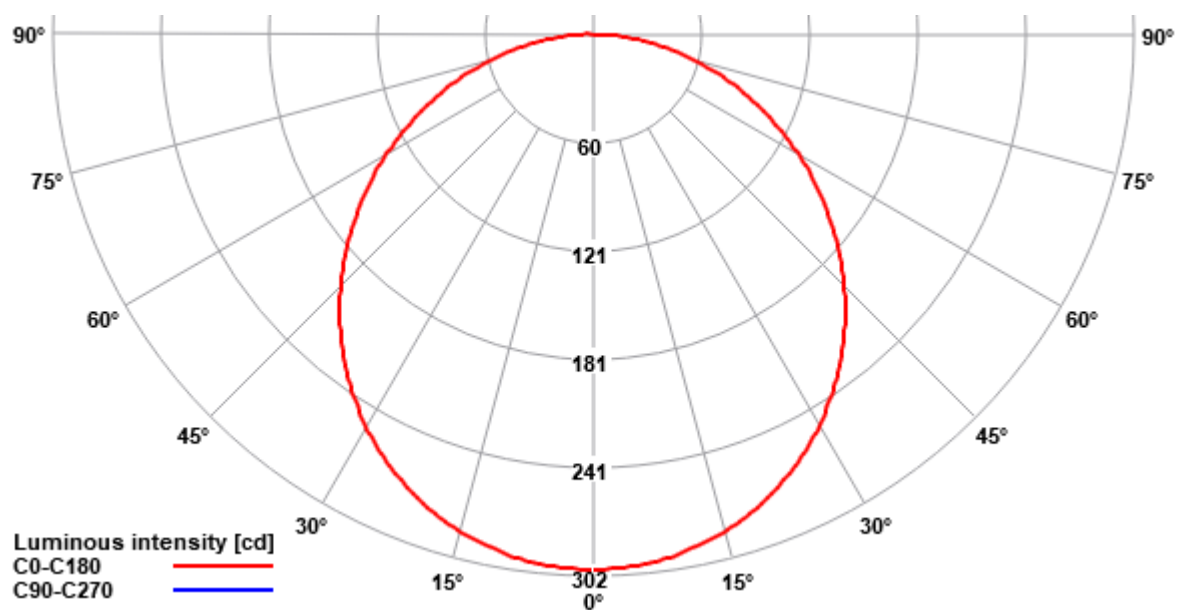
Power apparent = 30,047 VA  
Power Reactive = -27,788 var  
Frequency Voltage = 50,002 Hz  
THD = 0,000 %

Temperature = 22 C

## Goniometric measurement results

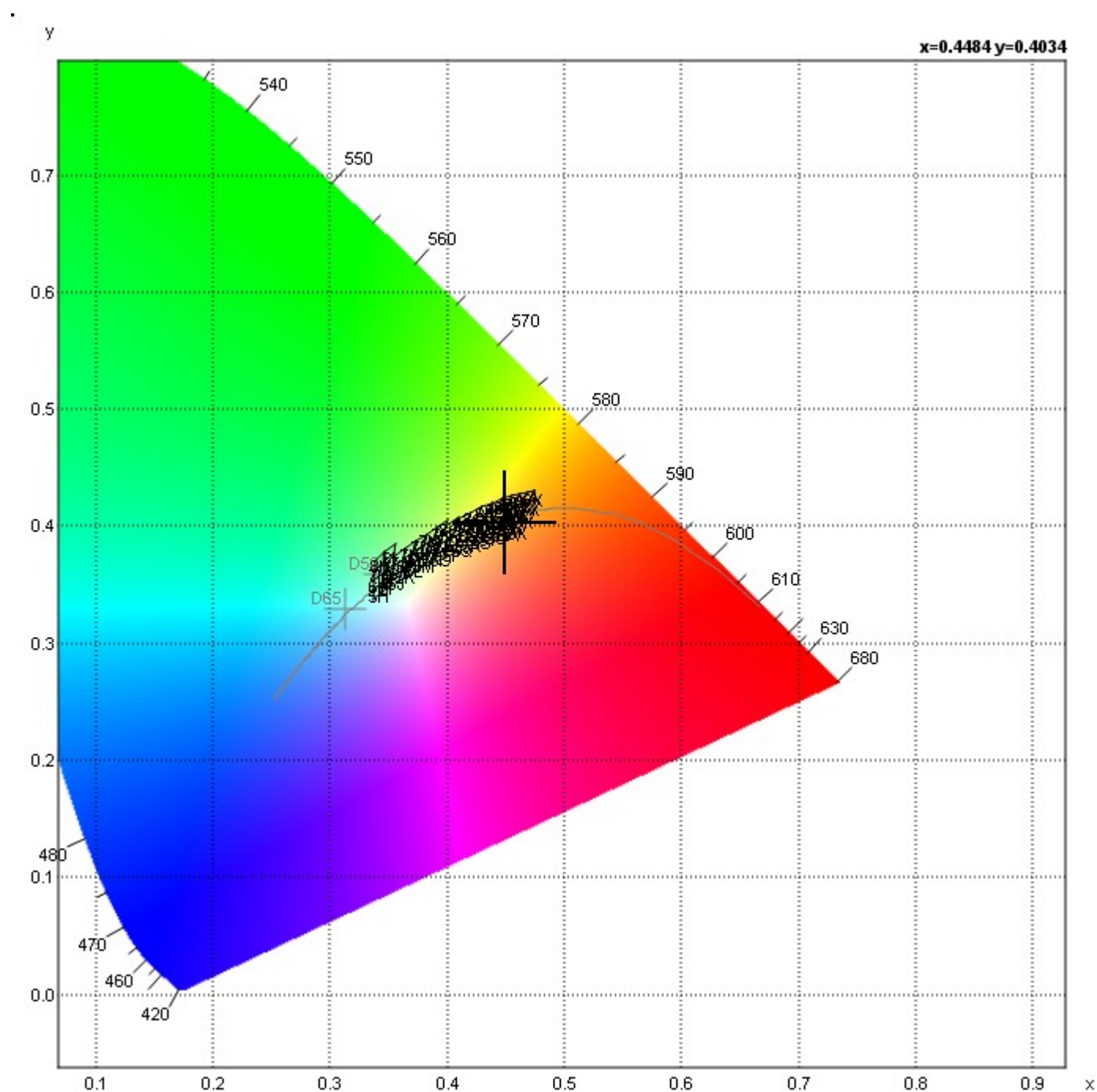
|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 864,58 lm  |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | 0,00 %     |
| Maximum luminous intensity           | 298,58 cd  |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 75,64 lm/W |

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,4484  
y 0,4034  
Angular Colour Uniformity 0,0013



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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NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

## Beam cone

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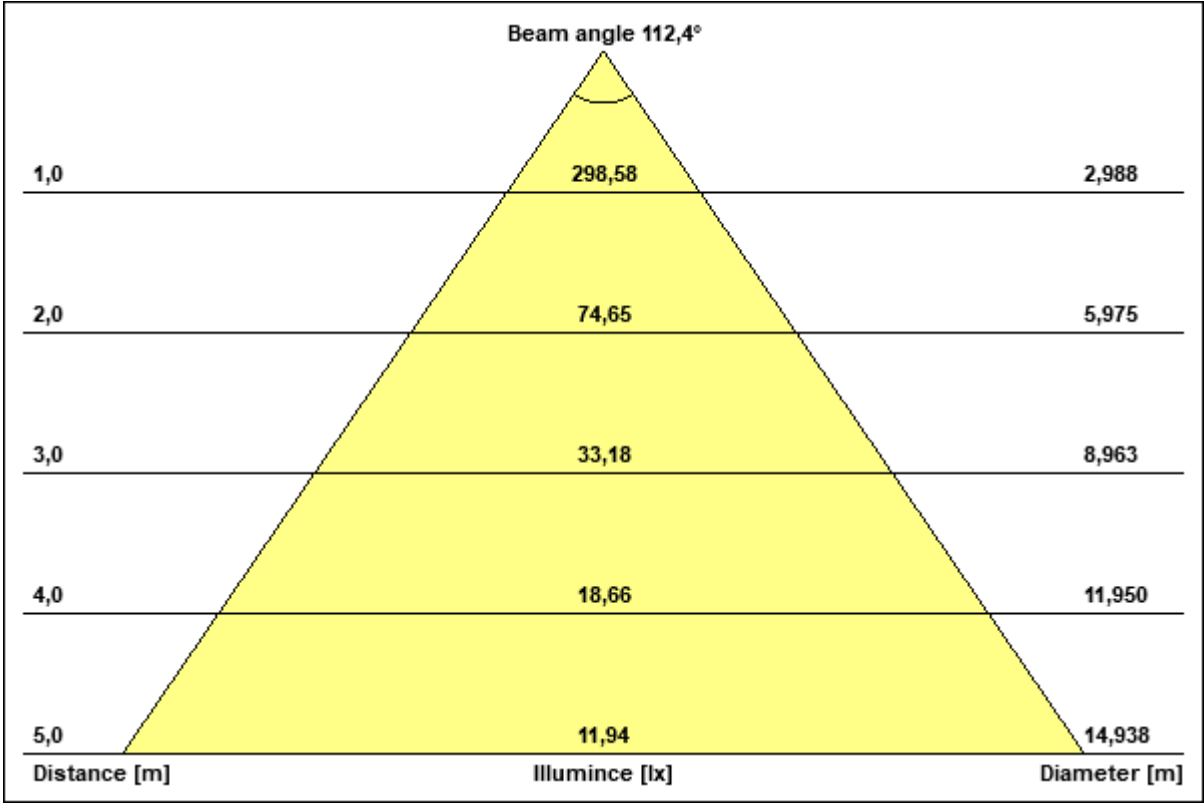
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

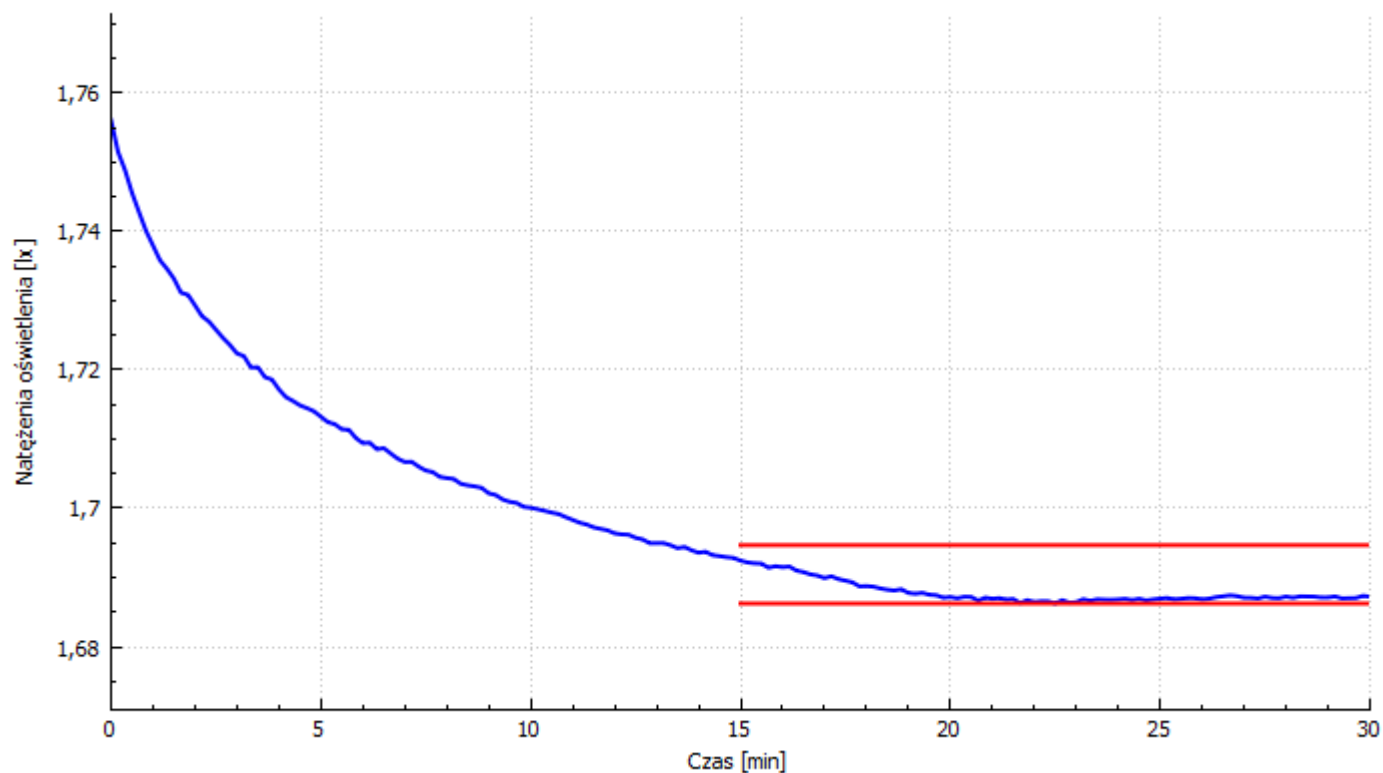
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## Stabilization



## 3D Chart

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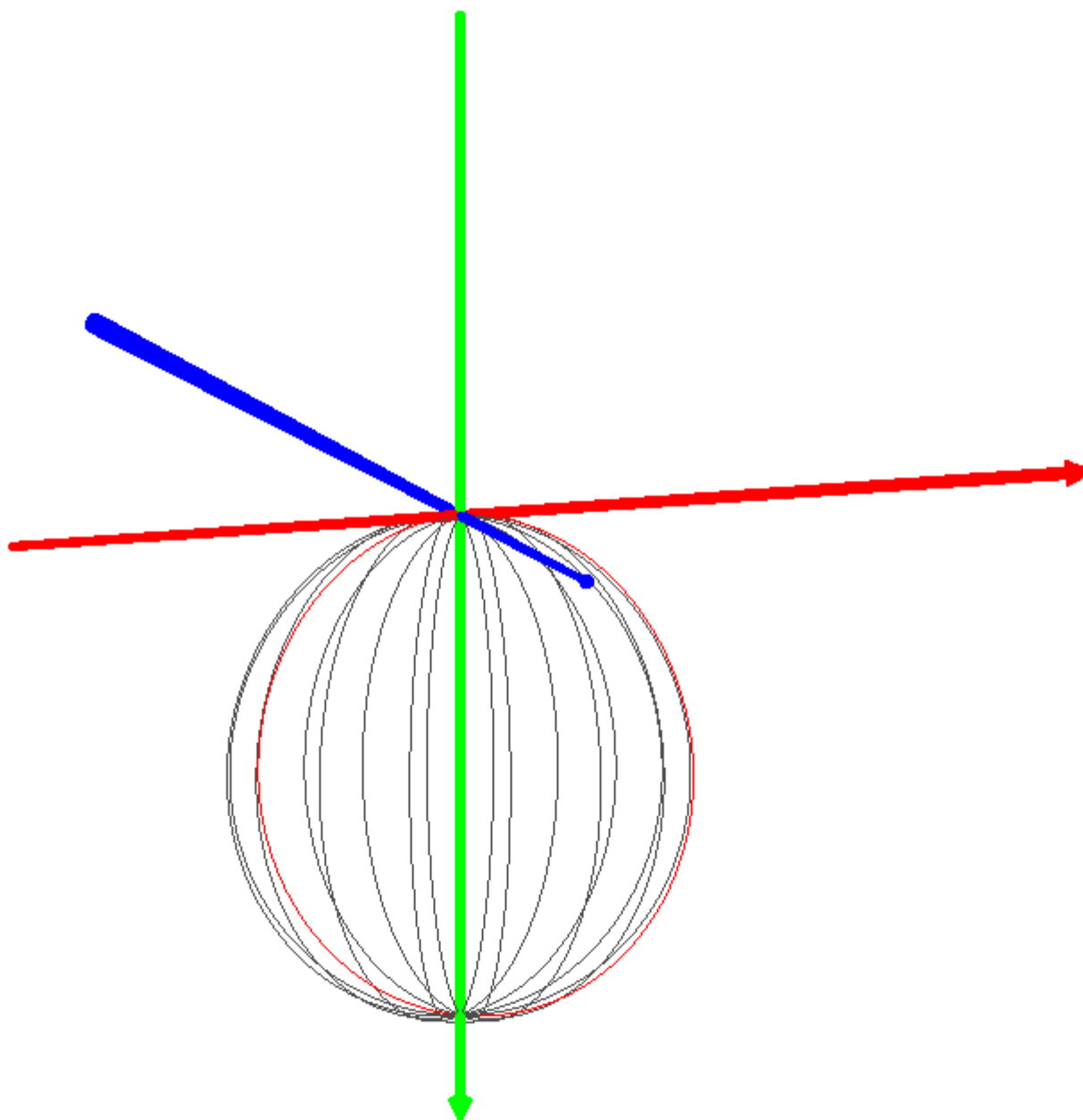
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## Legend

- 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 |