

## GL GONIOSPECTROMETER MEASUREMENT TAG LIST

### Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting Company*

Model name: *SANE 40 BLACK*

Item No: *AZ2765*

Serial No.:

Made by: *Adam Nawrot*

### Eulumdat Fields

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#### Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Sane 40*

LuminaireNumber: *AZ2765*

FileName: *AZ2765.Idt*

Date: *2020-12-11*

#### Dimensions of luminaire

Length: *50 mm*

Width: *50 mm*

Height: *15 mm*

#### Dimensions of luminous area

Length: *30 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: 9,78 lm  
Color temperatur: 3016.49 K  
Color rendering index: 85,62  
Wattage including ballast: 1,81 W

**Utilization factors:**

|          |       |
|----------|-------|
| k = 0.60 | 0,467 |
| k = 0.80 | 0,548 |
| k = 1.00 | 0,621 |
| k = 1.25 | 0,685 |
| k = 1.50 | 0,733 |
| k = 2.00 | 0,807 |
| k = 2.50 | 0,838 |
| k = 3.00 | 0,864 |
| k = 4.00 | 0,898 |
| k = 5.00 | 0,918 |

**Electrical parameters**

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$U$  = 229,623 V  
 $I$  = 0,020 A  
 $P$  = 1,814 W  
Power factor = 0,386

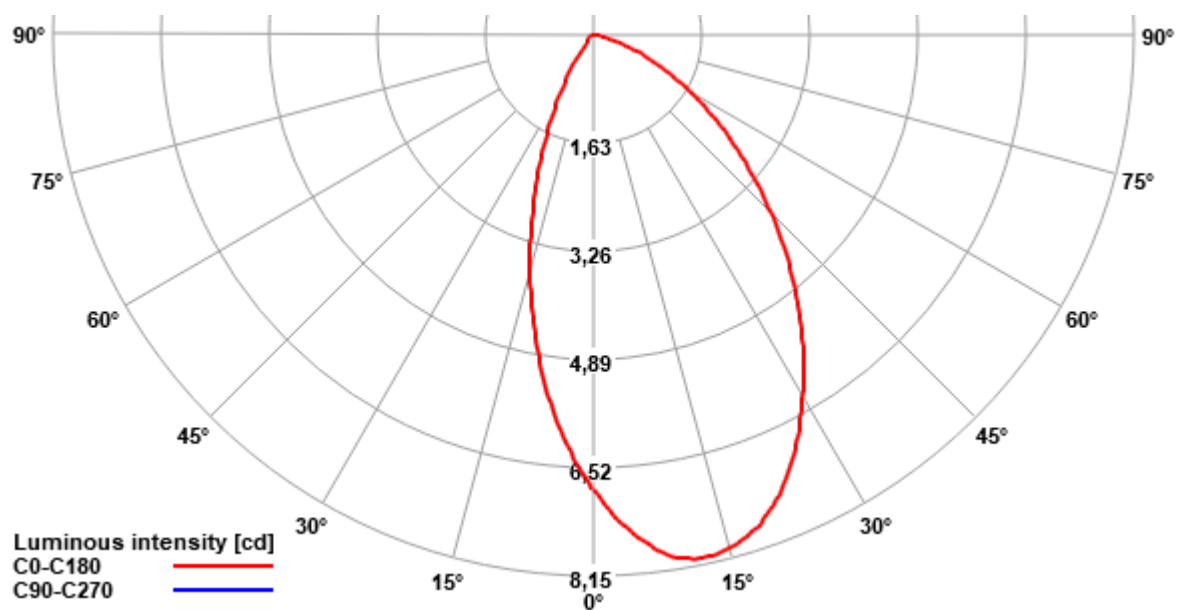
Power apparent = 4,699 VA  
Power Reactive = -3,372 var  
Frequency Voltage = 50,002 Hz  
THD = 0,000 %

Temperature = 22 C

## Goniometric measurement results

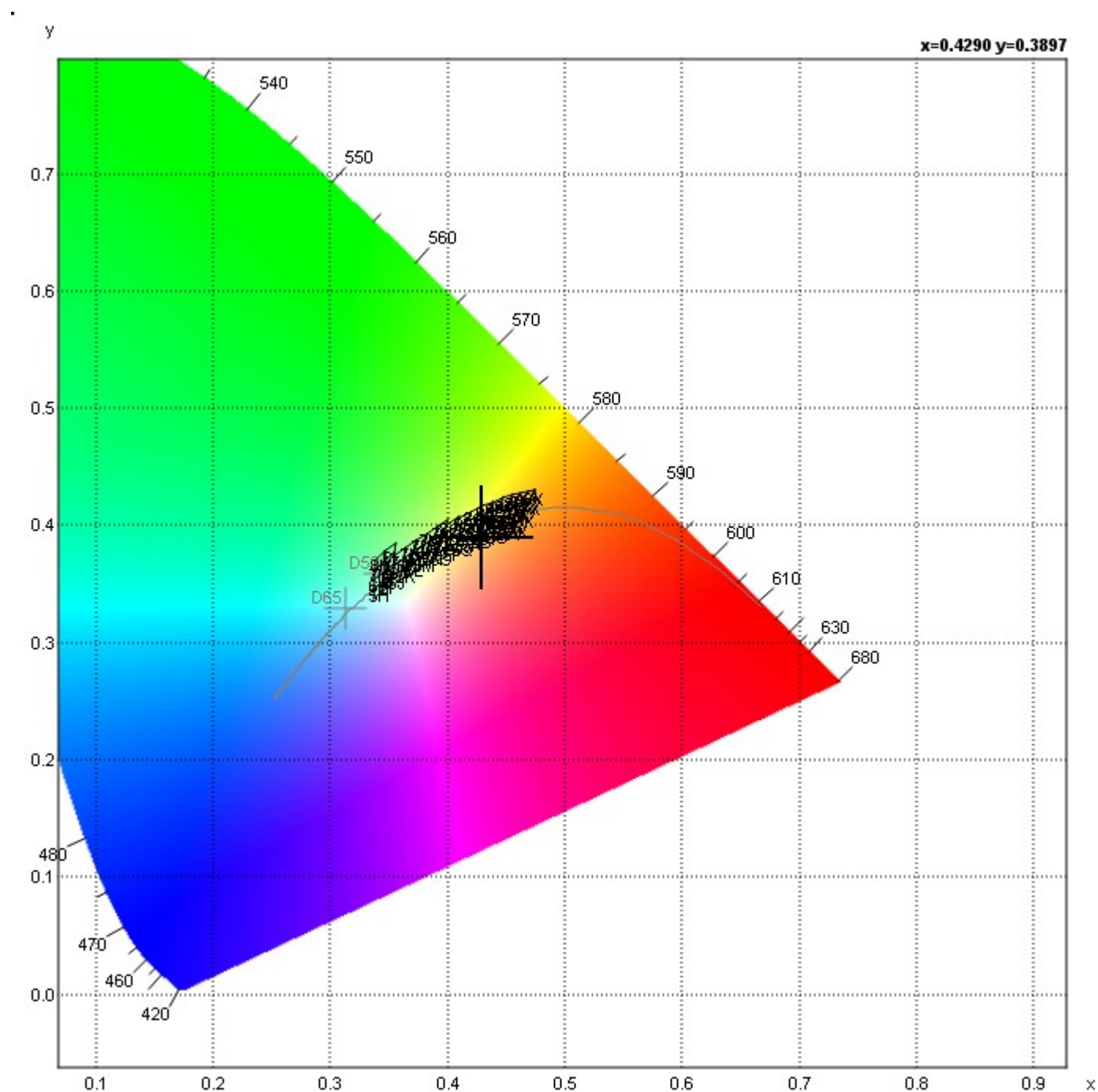
|                                      |           |
|--------------------------------------|-----------|
| Total flux (utilized luminarie flux) | 9,78 lm   |
| Flux in lower hemisphere             | 100,00 %  |
| Flux in upper hemisphere             | -0,00 %   |
| Maximum luminous intensity           | 8,75 cd   |
| Light output ratio (LOR)             | 100,00 %  |
| Luminous efficacy                    | 5,40 lm/W |

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,4290  
y 0,3897  
Angular Colour Uniformity 0,0058



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## Beam cone

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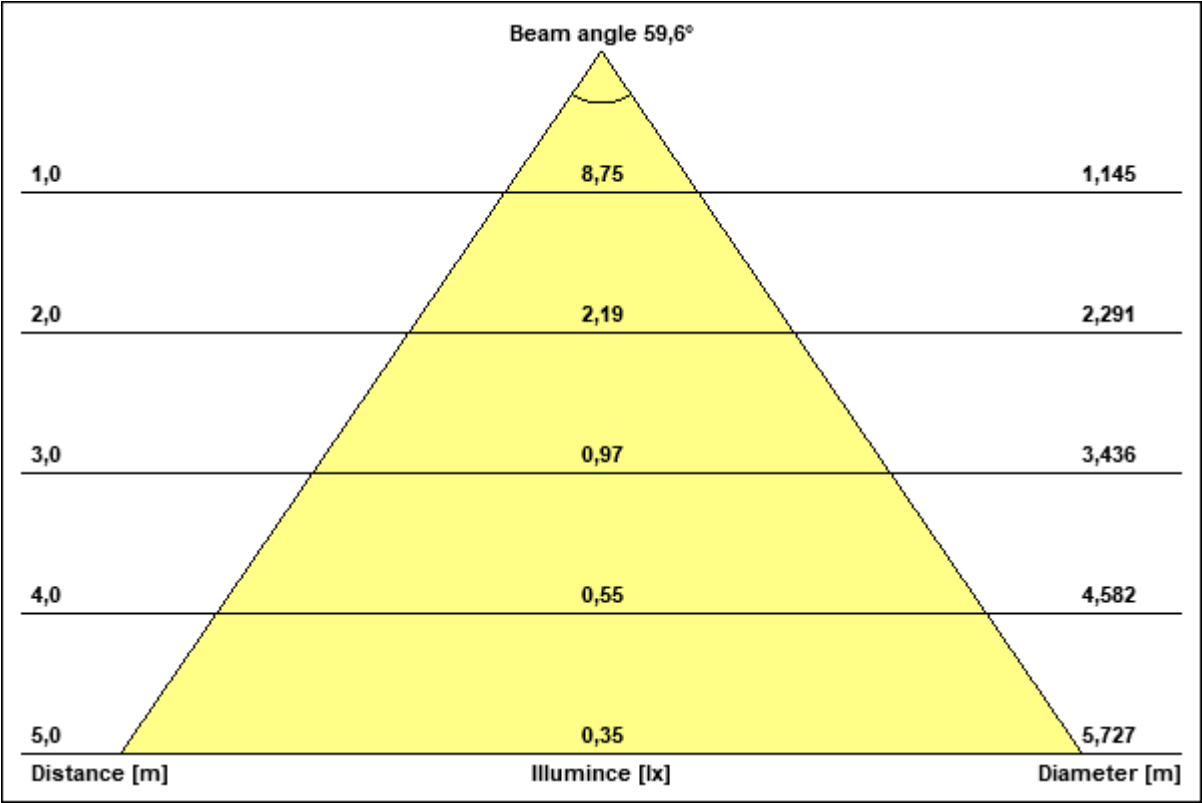
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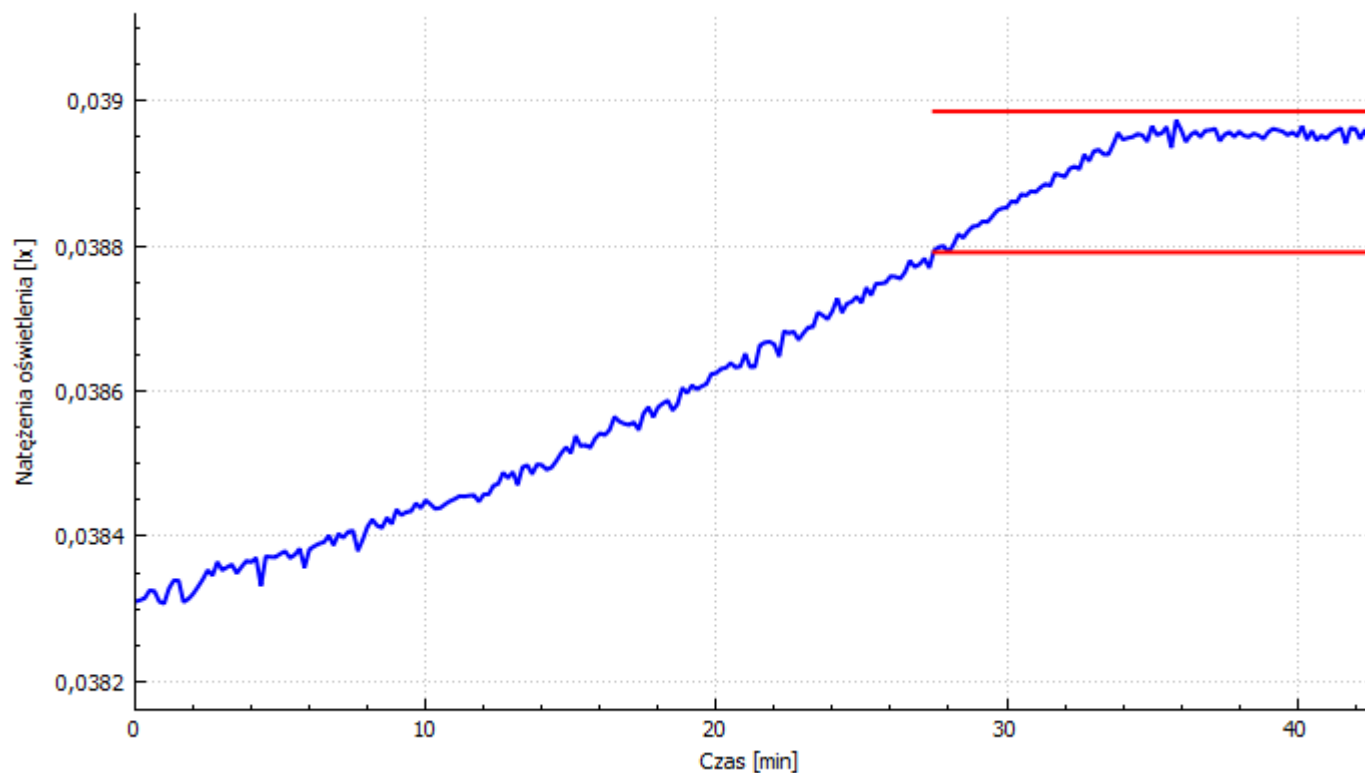
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# Stabilization



## 3D Chart

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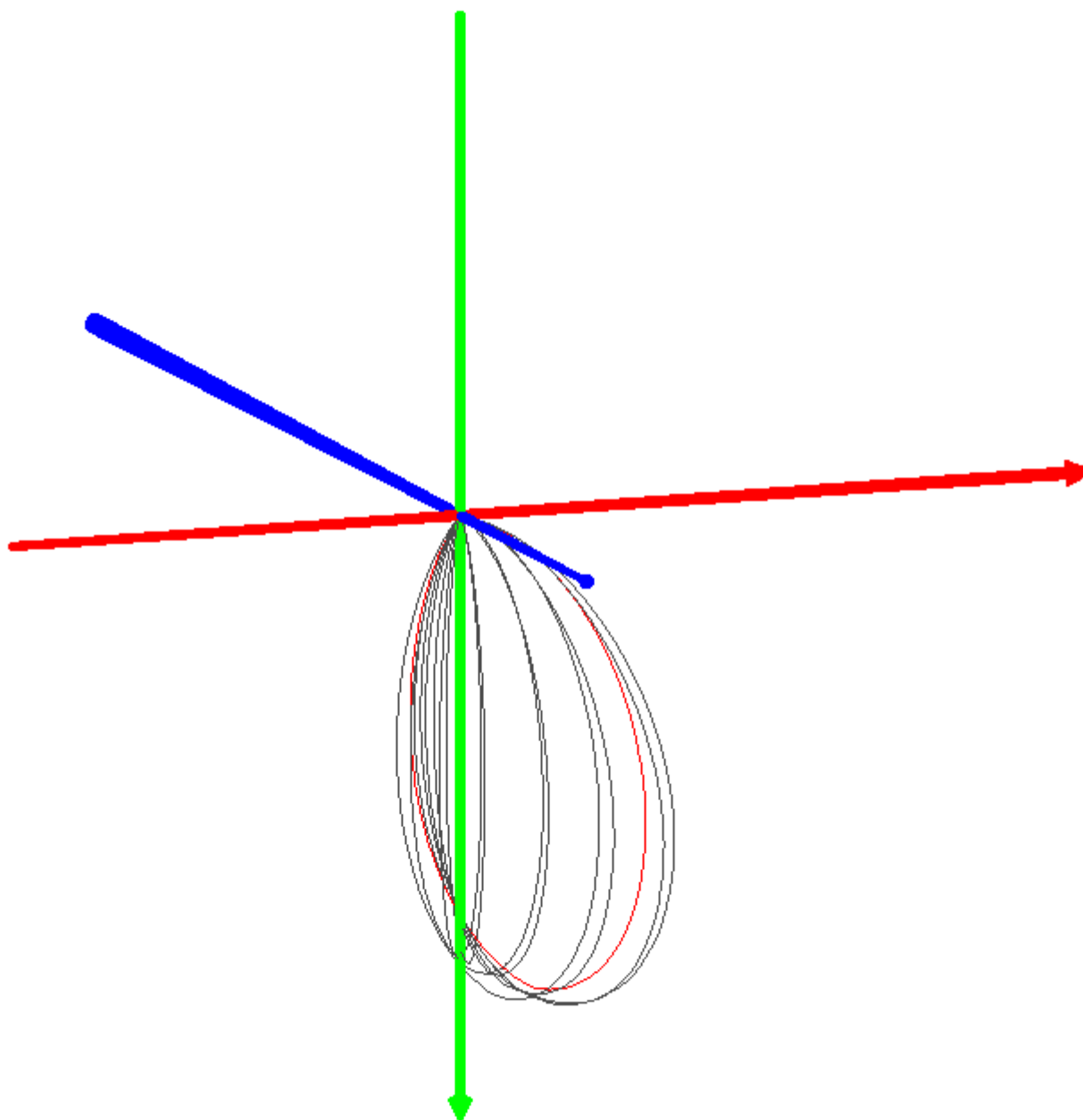
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## Legend

- 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 |

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