

## GL GONIOSPECTROMETER MEASUREMENT TAG LIST

### Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting Company*

Model name: *MANE 30W BK*

Item No: *AZ4156*

Serial No.:

Made by: *Adam Nawrot*

### Eulumdat Fields

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#### Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Mane 30W*

LuminaireNumber: *AZ4156*

FileName: *AZ4156.Idt*

Date: *2021-04-19*

#### Dimensions of luminaire

Length: *115 mm*

Width: *0 mm*

Height: *110 mm*

#### Dimensions of luminous area

Length: *70 mm*

Width: *0 mm*

C0-plane *45 mm*

C90-plane *45 mm*

C180-plane *45 mm*

C270-plane *45 mm*

**Lamps:**

Number of lamps: -1  
Type of lamps: *Led zintegrowany*  
Total luminous flux: *2484,12 lm*  
Color temperatur: *3035.08 K*  
Color rendering index: *90,35*  
Wattage including ballast: *29,26 W*

**Utilization factors:**

|          |              |
|----------|--------------|
| k = 0.60 | <i>0,712</i> |
| k = 0.80 | <i>0,758</i> |
| k = 1.00 | <i>0,808</i> |
| k = 1.25 | <i>0,845</i> |
| k = 1.50 | <i>0,873</i> |
| k = 2.00 | <i>0,925</i> |
| k = 2.50 | <i>0,933</i> |
| k = 3.00 | <i>0,946</i> |
| k = 4.00 | <i>0,966</i> |
| k = 5.00 | <i>0,979</i> |

**Electrical parameters**

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*U* = *229,600 V*  
*I* = *0,129 A*  
*P* = *29,260 W*  
*Power factor* = *0,992*

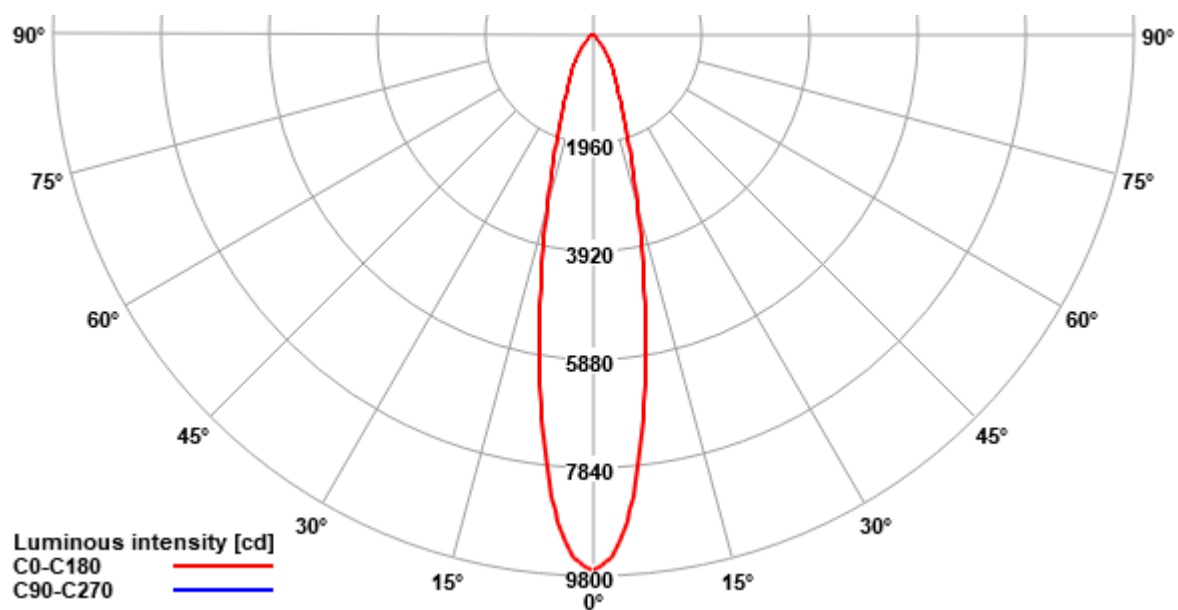
*Power apparent* = *29,501 VA*  
*Power Reactive* = *-2,953 var*  
*Frequency Voltage* = *50,002 Hz*  
*THD* = *0,000 %*

*Temperature* = *22 C*

## Goniometric measurement results

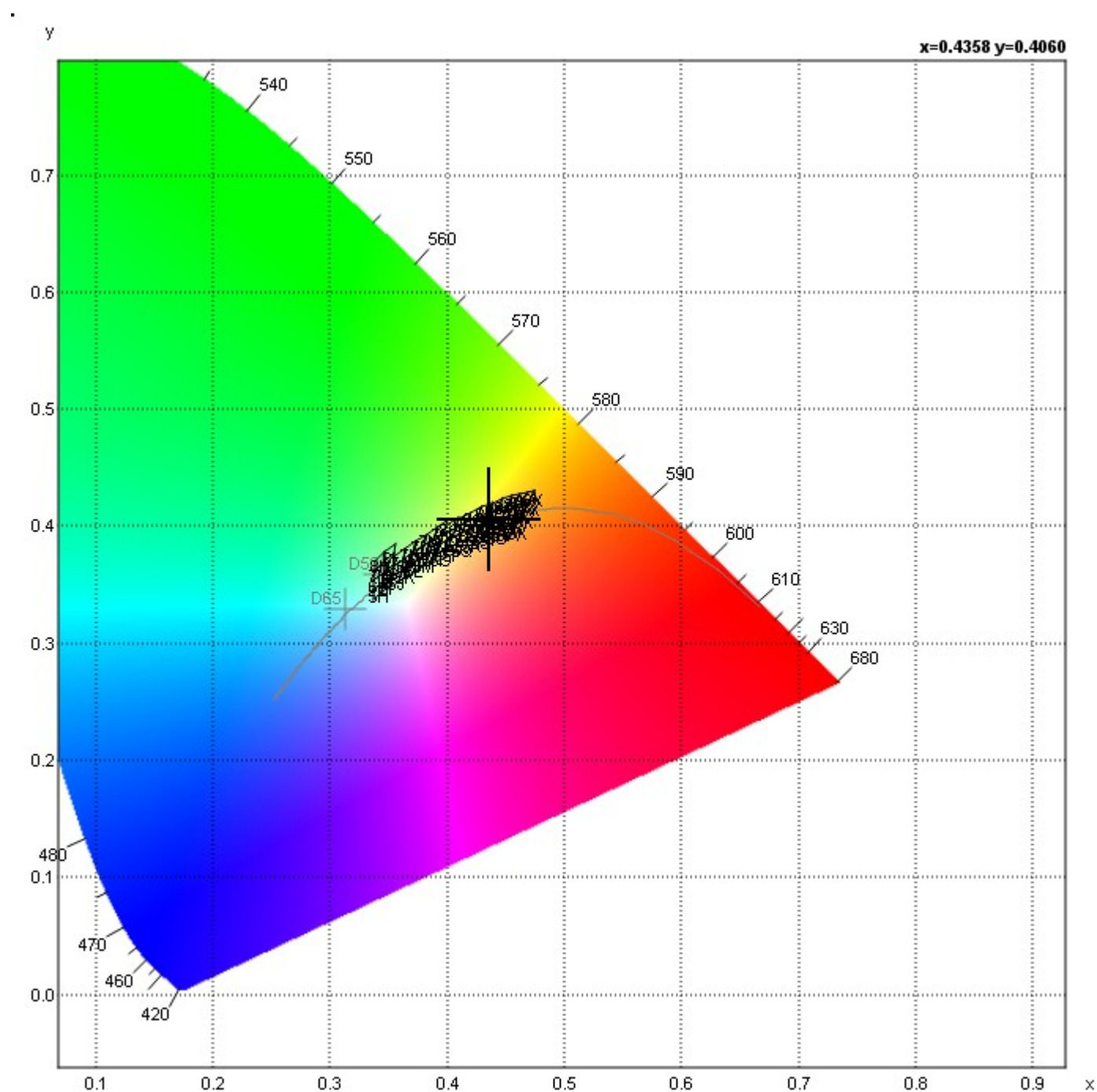
|                                      |            |
|--------------------------------------|------------|
| Total flux (utilized luminarie flux) | 2484,12 lm |
| Flux in lower hemisphere             | 100,00 %   |
| Flux in upper hemisphere             | -0,00 %    |
| Maximum luminous intensity           | 9702,63 cd |
| Light output ratio (LOR)             | 100,00 %   |
| Luminous efficacy                    | 84,90 lm/W |

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,4358  
y 0,4060  
Angular Colour Uniformity 0,0021



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## Beam cone

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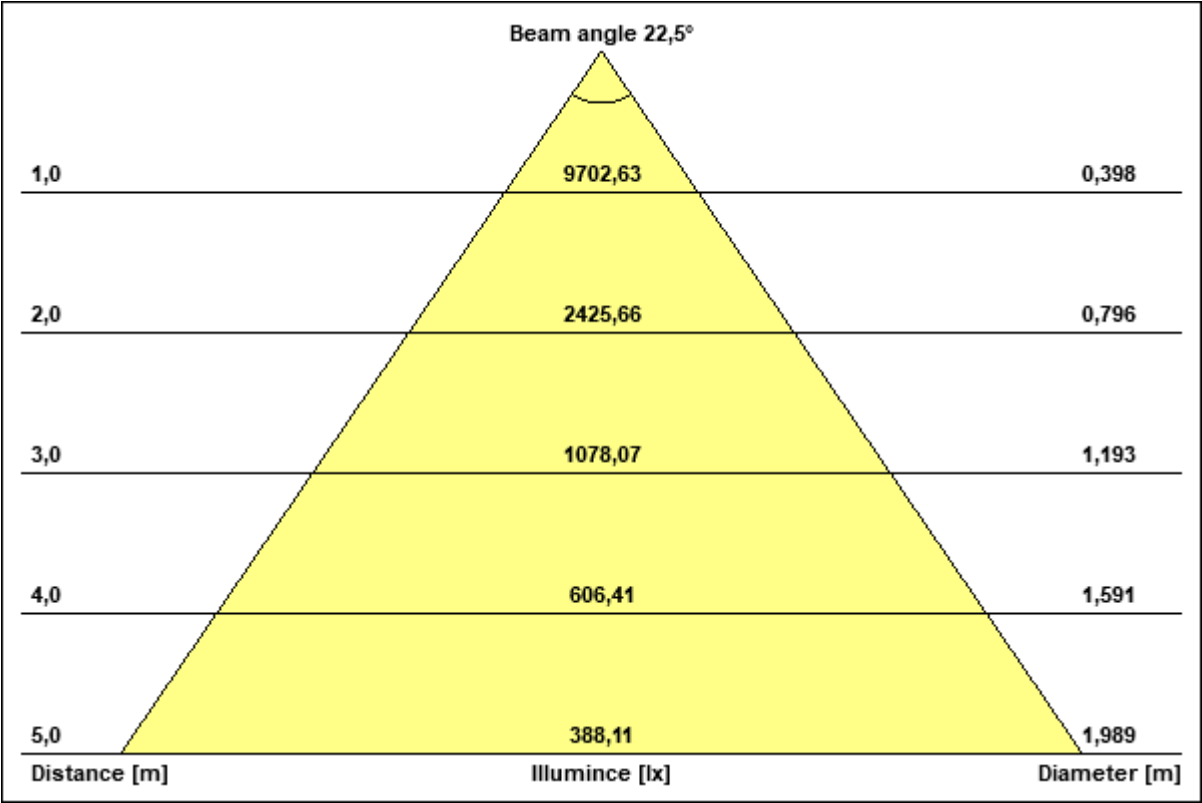
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# Stabilization

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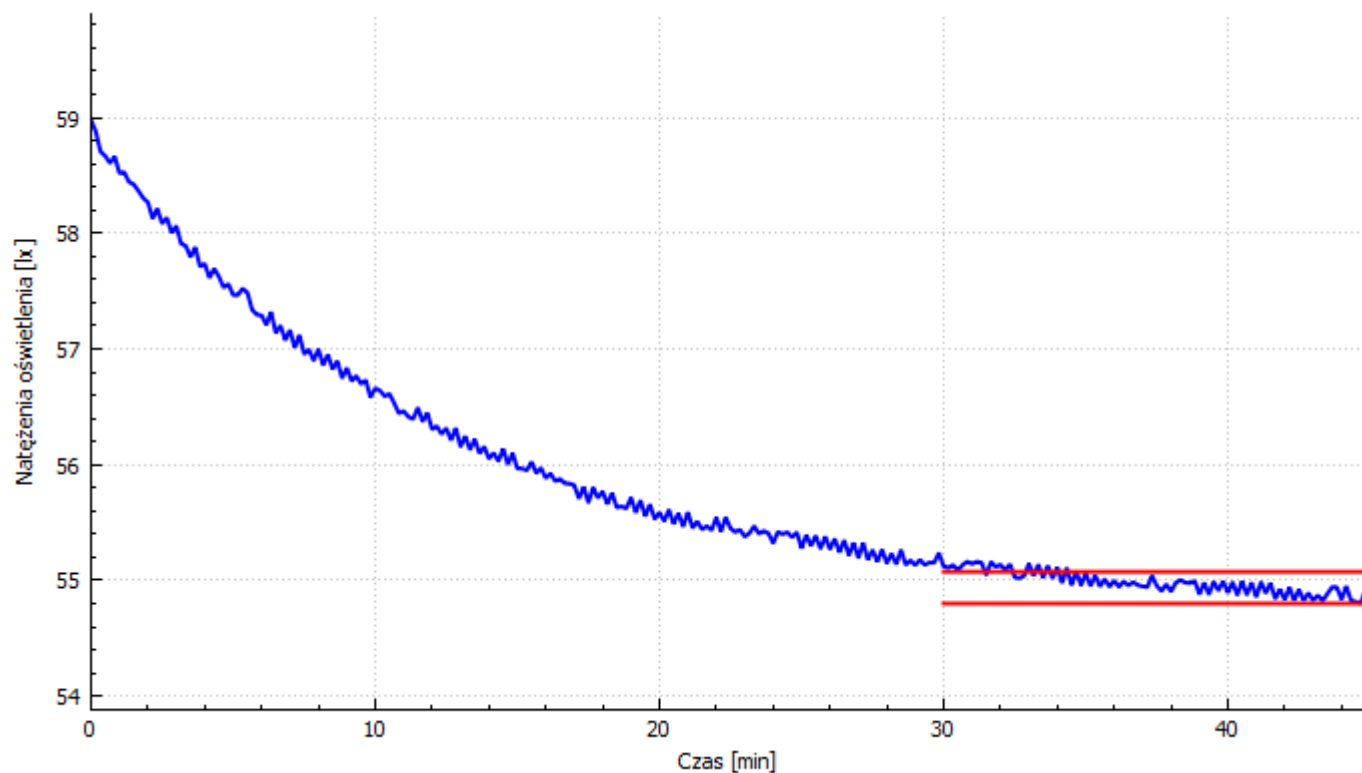
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## 3D Chart

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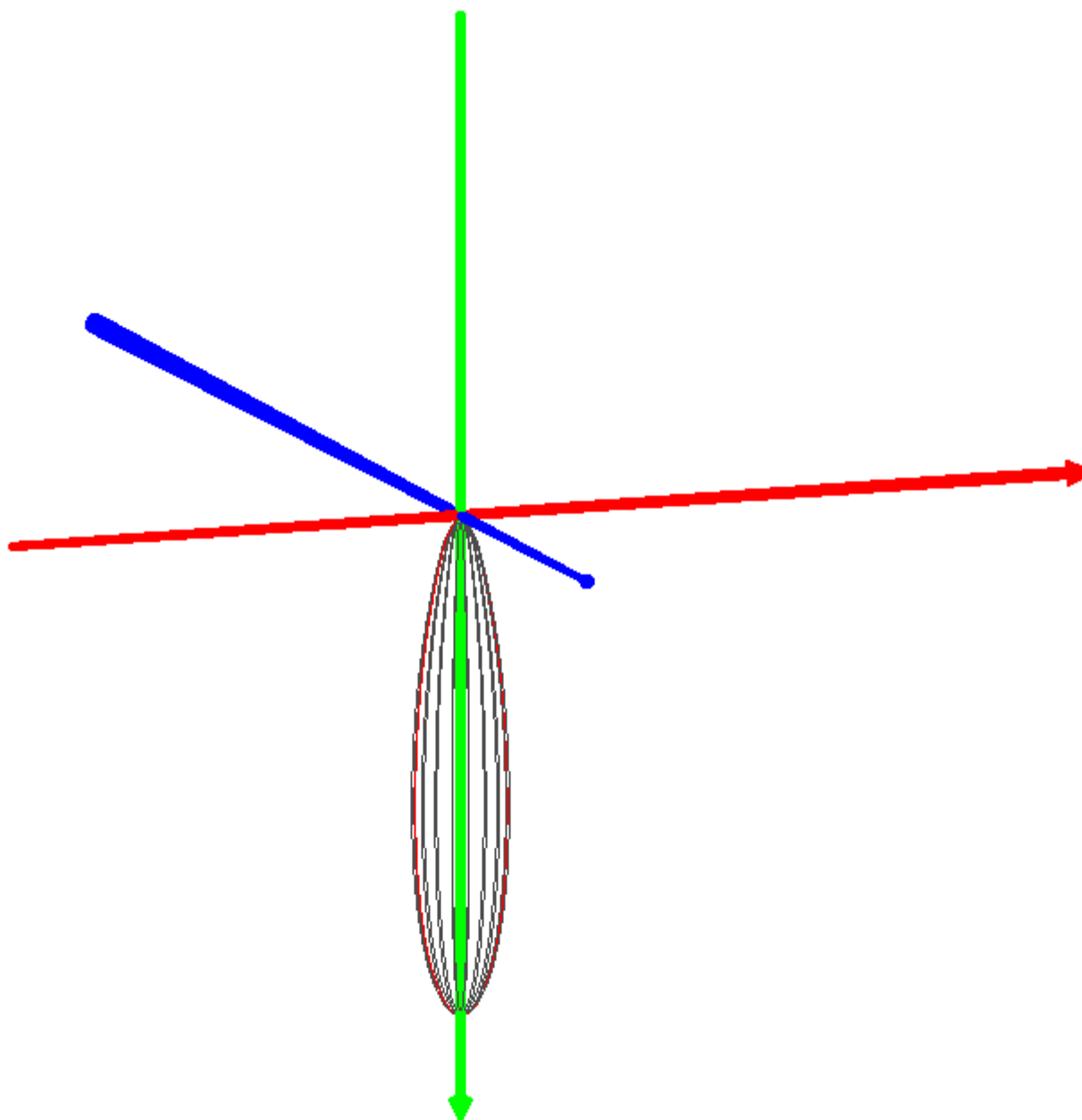
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## Legend

- - 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 |

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