

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting Company*

Model name: *HALO 40 WALL BK*

Item No: *AZ4705*

Serial No.:

Made by: *Adam Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Halo\_40\_wall\_3000K*

LuminaireNumber: *AZ4705*

FileName: *AZ4705.Idt*

Date: *2021-10-06*

### Dimensions of luminaire

Length: *400 mm*

Width: *0 mm*

Height: *60 mm*

### Dimensions of luminous area

Length: *400 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: 255,82 lm  
Color temperatur: 3272.05 K  
Color rendering index: 81,70  
Wattage including ballast: 25,55 W

**Utilization factors:**

k = 0.60 0,105  
k = 0.80 0,165  
k = 1.00 0,221  
k = 1.25 0,283  
k = 1.50 0,337  
k = 2.00 0,424  
k = 2.50 0,487  
k = 3.00 0,537  
k = 4.00 0,611  
k = 5.00 0,662

**Electrical parameters**

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*U* = 229,608 V  
*I* = 0,115 A  
*P* = 25,550 W  
*Power factor* = 0,964

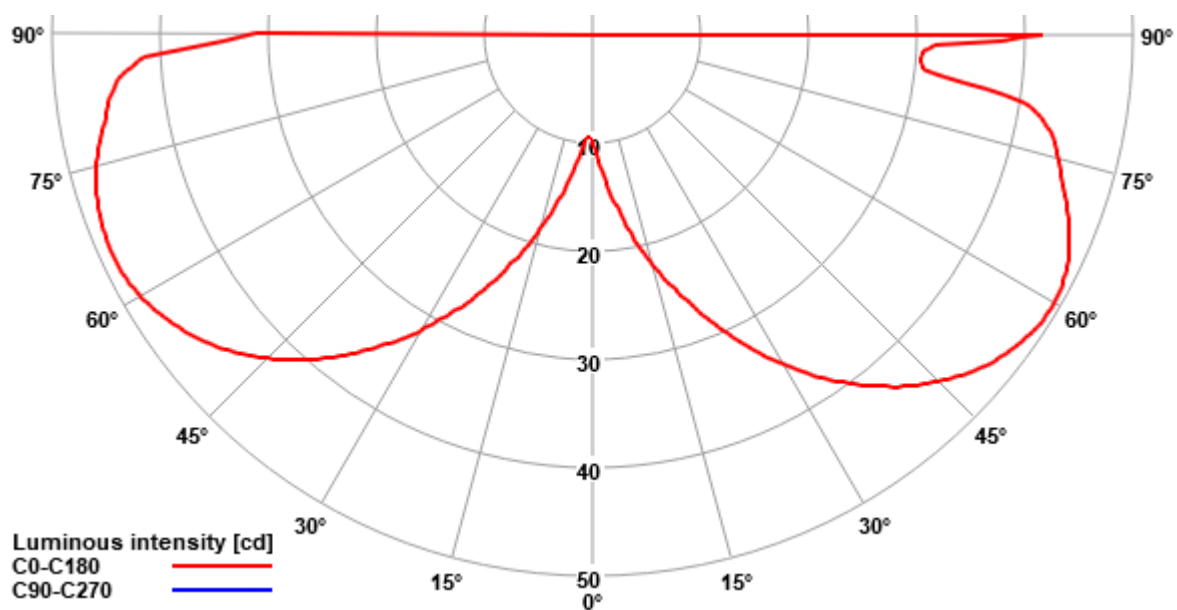
*Power apparent* = 26,508 VA  
*Power Reactive* = -5,492 var  
*Frequency Voltage* = 50,002 Hz  
*THD* = 0,000 %

*Temperature* = 22 C

## Goniometric measurement results

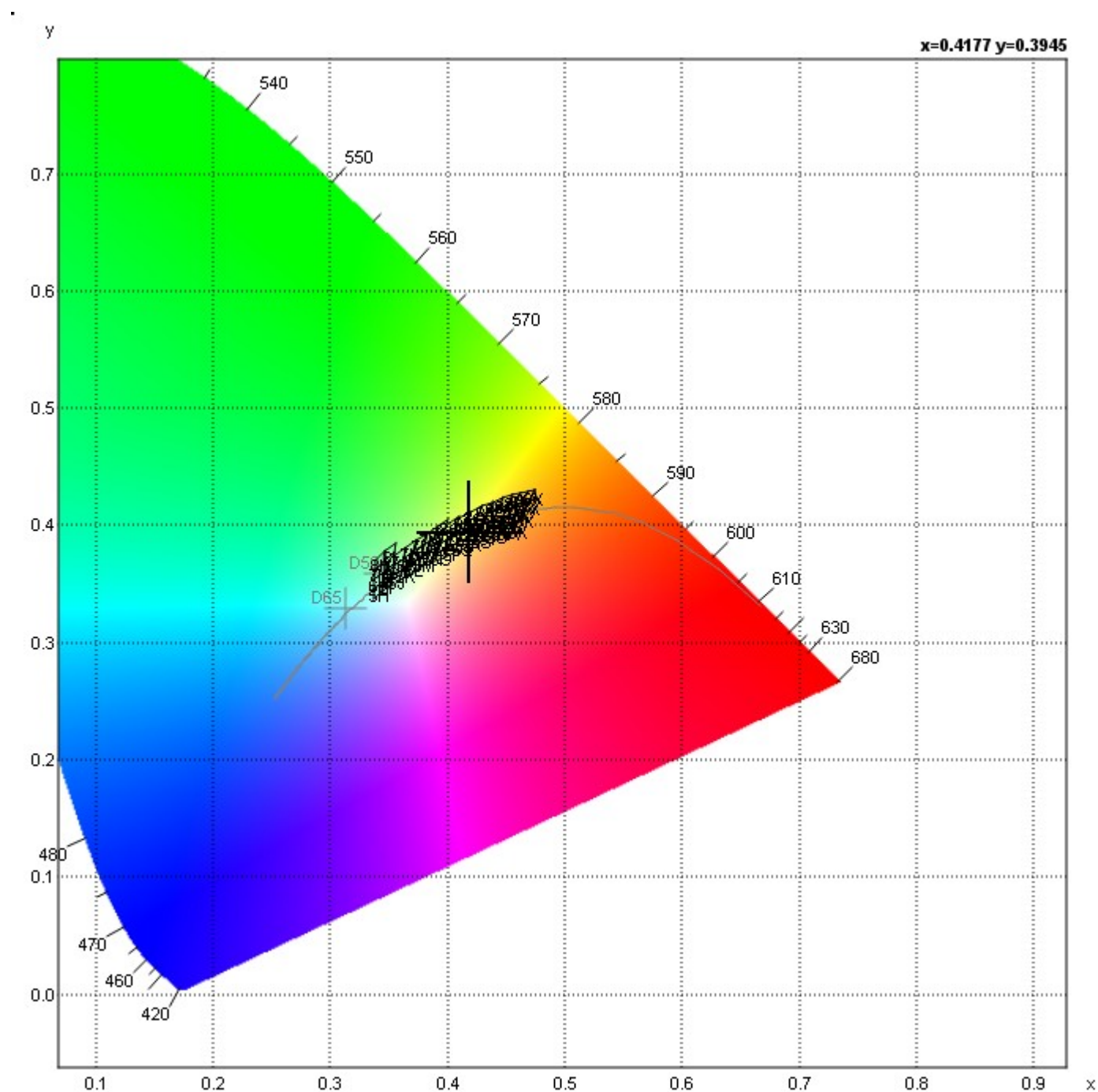
|                                      |                   |
|--------------------------------------|-------------------|
| Total flux (utilized luminarie flux) | 255,82 <i>lm</i>  |
| Flux in lower hemisphere             | 100,00 %          |
| Flux in upper hemisphere             | 0,00 %            |
| Maximum luminous intensity           | 54,57 <i>cd</i>   |
| Light output ratio (LOR)             | 100,00 %          |
| Luminous efficacy                    | 10,01 <i>lm/W</i> |

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,4177  
y 0,3945  
Angular Colour Uniformity 0,0022



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## Beam cone

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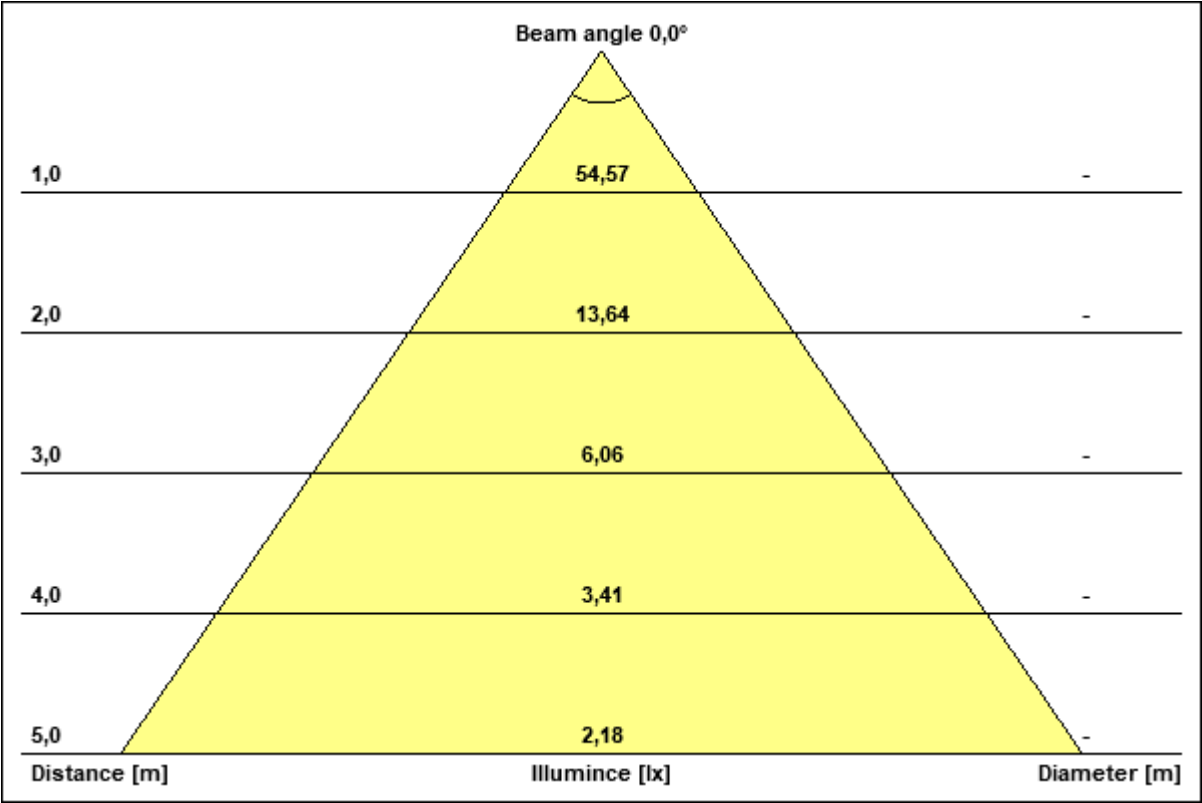
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# Stabilization

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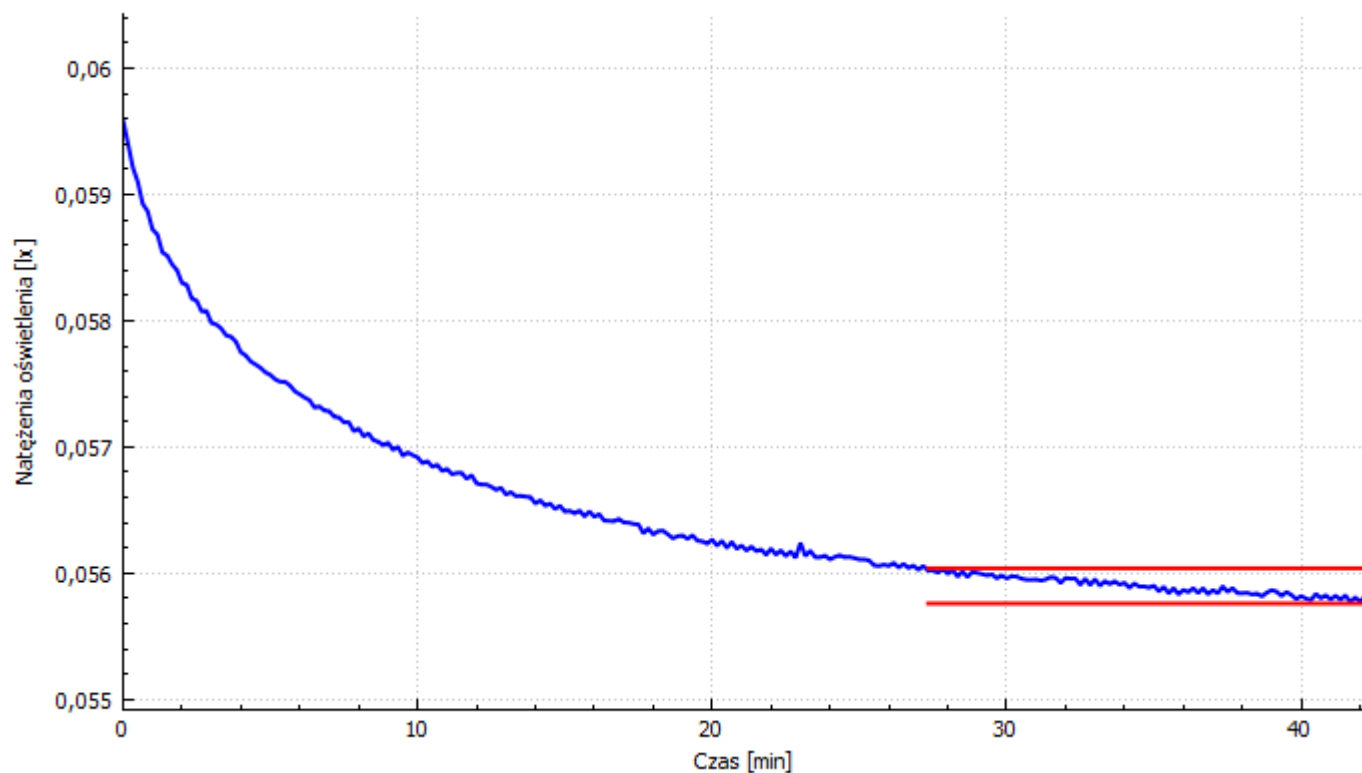
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## 3D Chart

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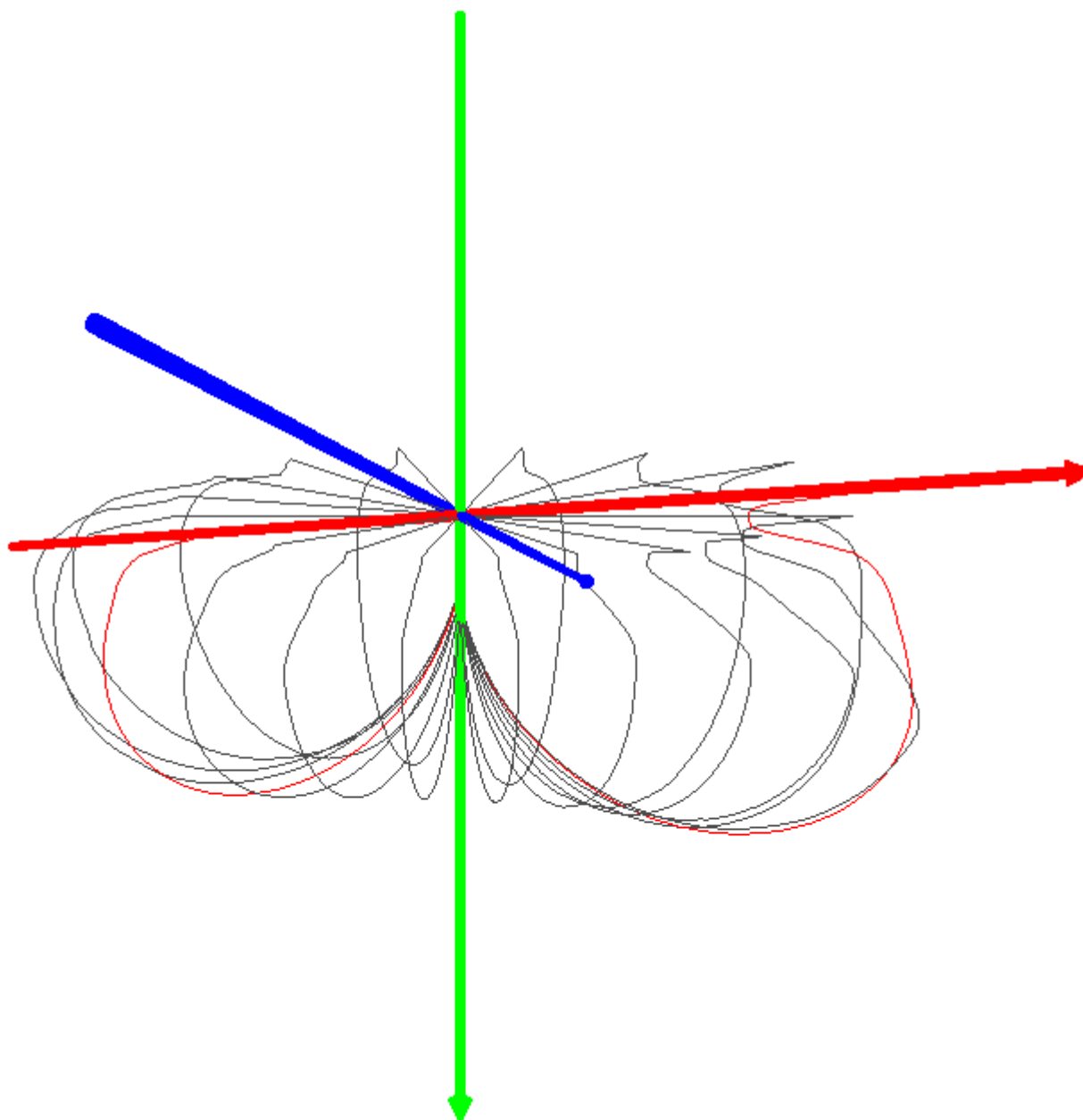
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## Legend

- - 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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