# GL GONIOSPECTROMETER
# MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *NANO ROUND BLACK*
Item No: *AZ2785*
Serial No.:
Made by: *Adam Nawrot*

## Eulumdat Fields

### Dimensions of luminaire

Company: *Azzardo*
Report number: *TECH_LED_2*
LuminaireName: *Nano Round 3000K*
LuminaireNumber: *AZ2785*
FileName: *AZ2785.ldt*
Date: *2020-11-30*

### Dimensions of luminaire

Length: *55* mm
Width: *0* mm
Height: *65* mm

### Dimensions of luminous area

Length: *32* 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: | *405,07 lm* |
| Color temperatur: | *3005.16 K* |
| Color rendering index: | *80,53* |
| Wattage including ballast: | *6,18 W* |

**Utilization factors:**

| | |
|---|---|
| k = 0.60 | *0,715* |
| k = 0.80 | *0,760* |
| k = 1.00 | *0,809* |
| k = 1.25 | *0,846* |
| k = 1.50 | *0,873* |
| k = 2.00 | *0,925* |
| k = 2.50 | *0,933* |
| k = 3.00 | *0,946* |
| k = 4.00 | *0,966* |
| k = 5.00 | *0,980* |

## Electrical parameters

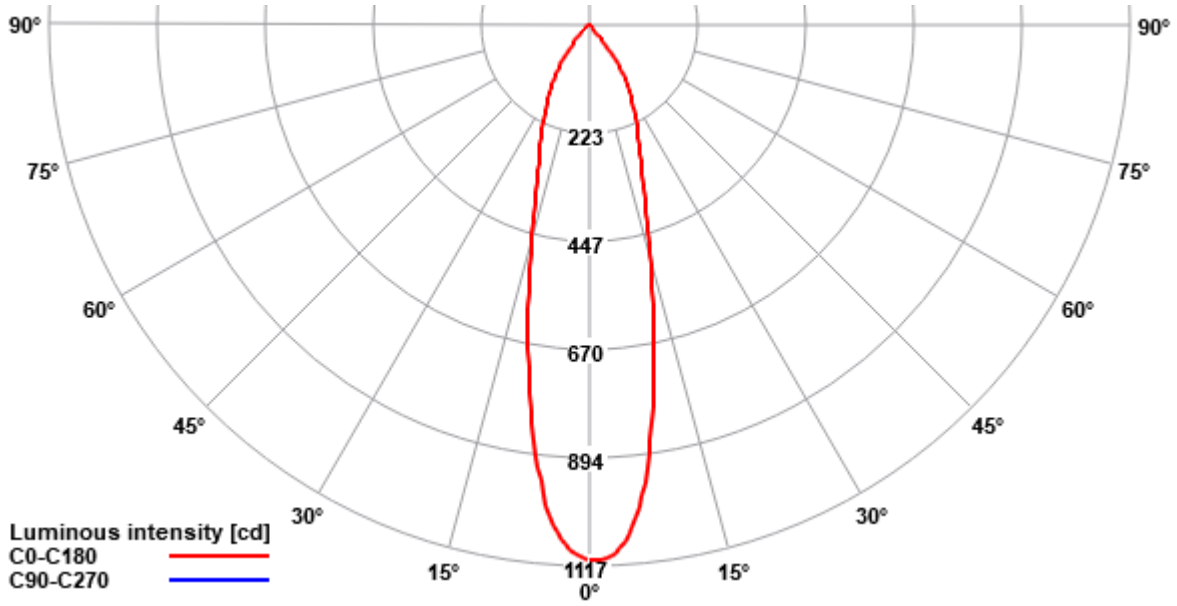
| | |
|---|---|
| *U* | *= 229,624 V* |
| *I* | *= 0,060 A* |
| *P* | *= 6,183 W* |
| *Power factor* | *= 0,449* |
| *Power apparent* | *= 13,779 VA* |
| *Power Reactive* | *= -12,315 var* |
| *Frequency Voltage* | *= 50,002 Hz* |
| *THD* | *= 0,000 %* |

*Temperature = 22 C*

## Goniometric measurement results

| | |
|---|---|
| Total flux (utilized luminarie flux) | *405,07 lm* |
| Flux in lower hemisphere | *100,00 %* |
| Flux in upper hemisphere | *0,00 %* |
| Maximium luminous intensity | *1106,83 cd* |
| Light output ratio (LOR) | *100,00 %* |
| Luminous efficacy | *65,55 lm/W* |

# Light intensity distribution diagram



## CIE 1931 diagram

| | |
|---|---|
| x | 0,4359 |
| y | 0,4025 |
| Angular Colour Uniformity | 0,0066 |

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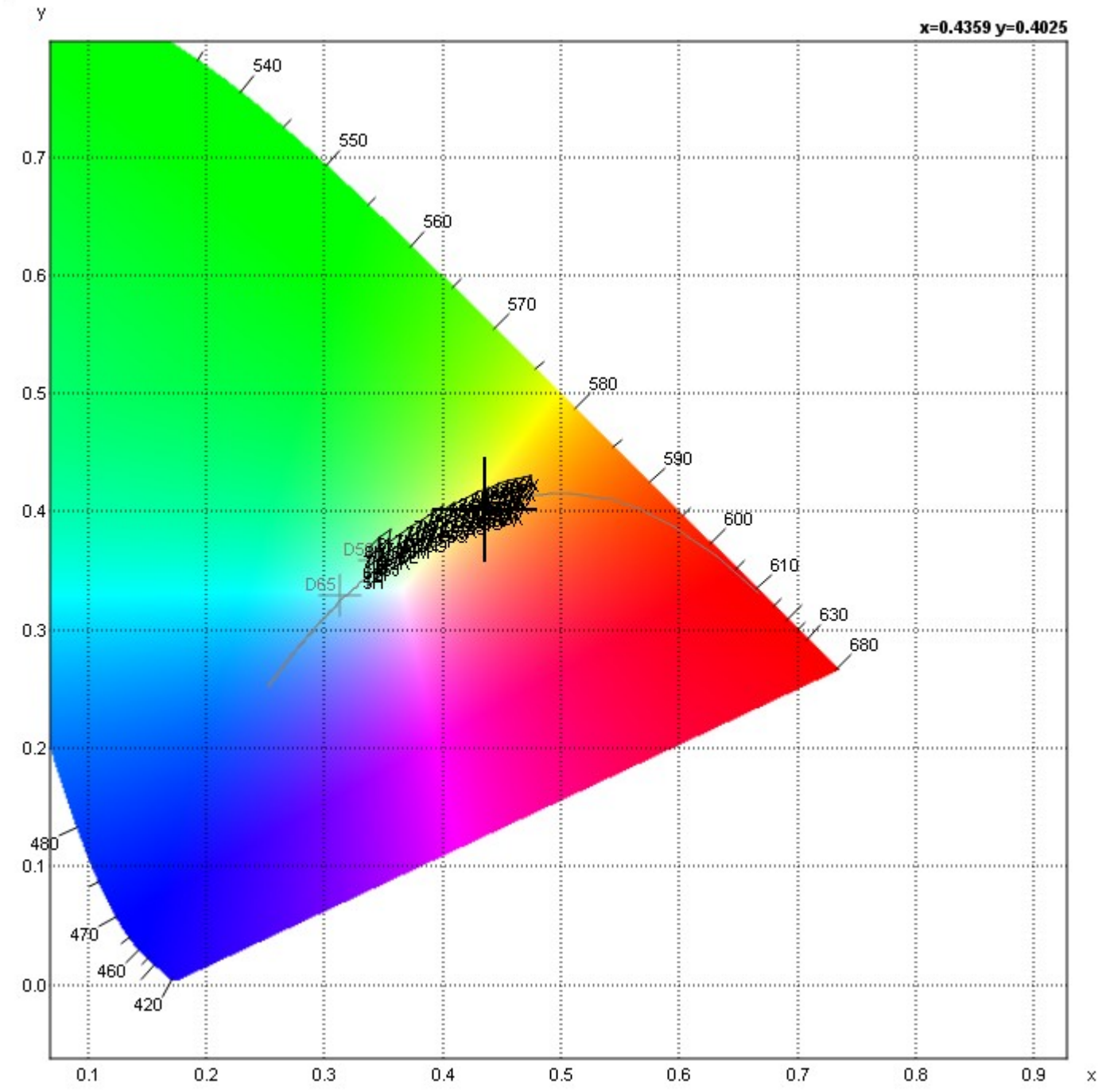

# Beam cone

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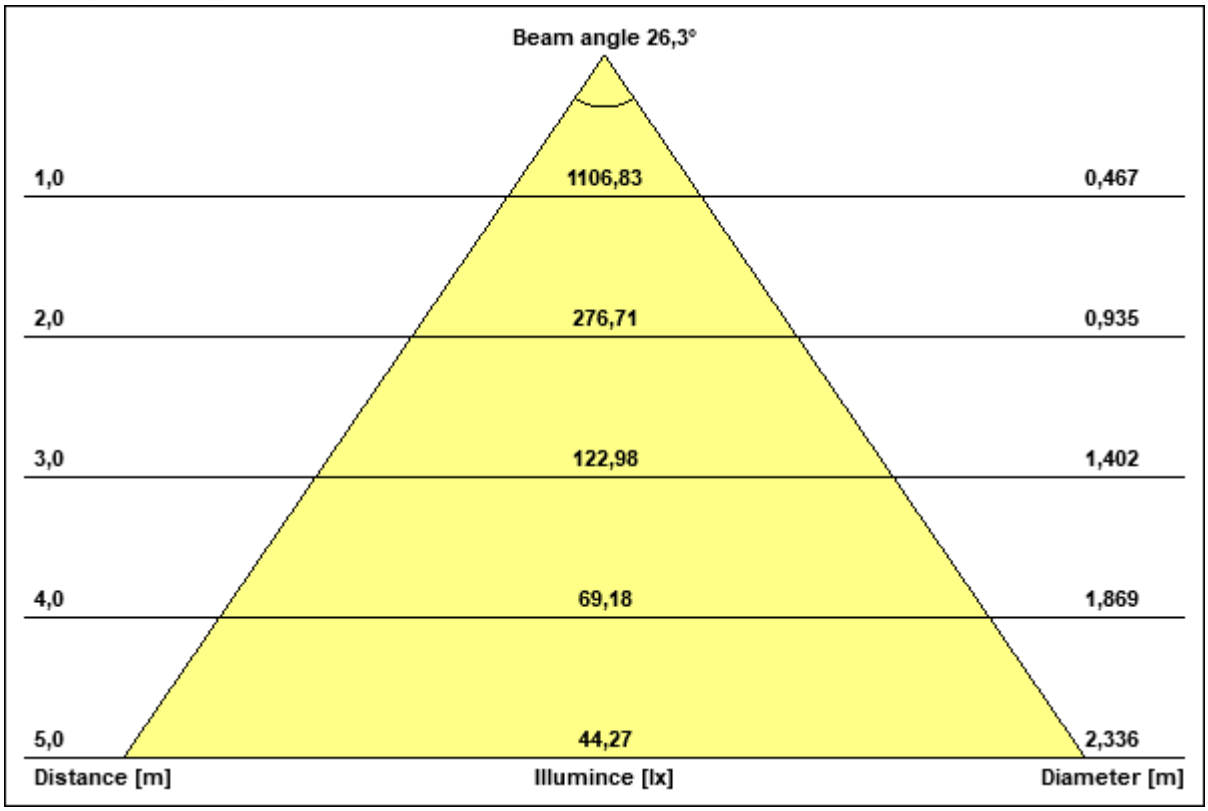
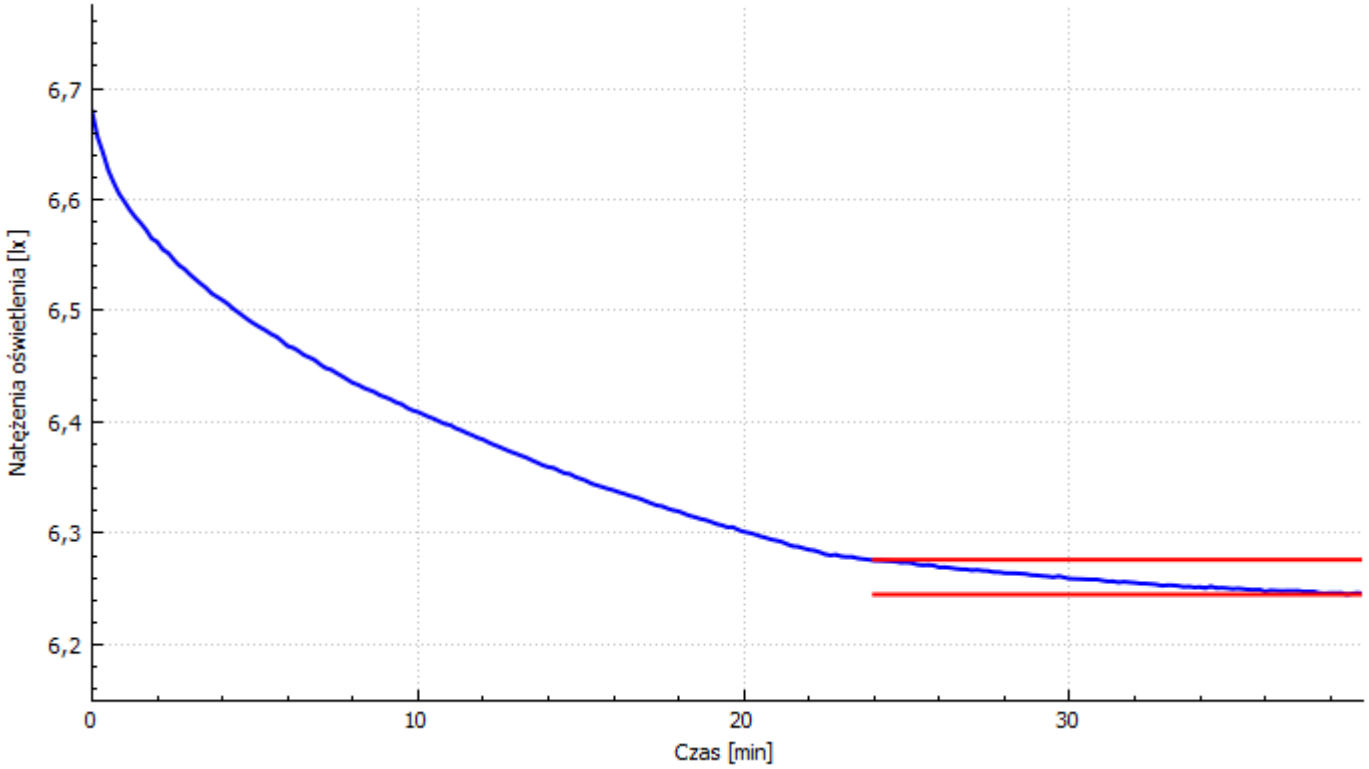
ul. Poznańska 70
PL-62-040 Puszczykowo; Poland
Tel.: +48 61 819 40 03

Raiffeisen Bank Polska S.A.
PLN: IBAN 78 1750 0012 0000 0000 2709 9432
EUR: IBAN 06 1750 0012 0000 0000 2709 9467
SWIFT BIC: RCBWPLPW

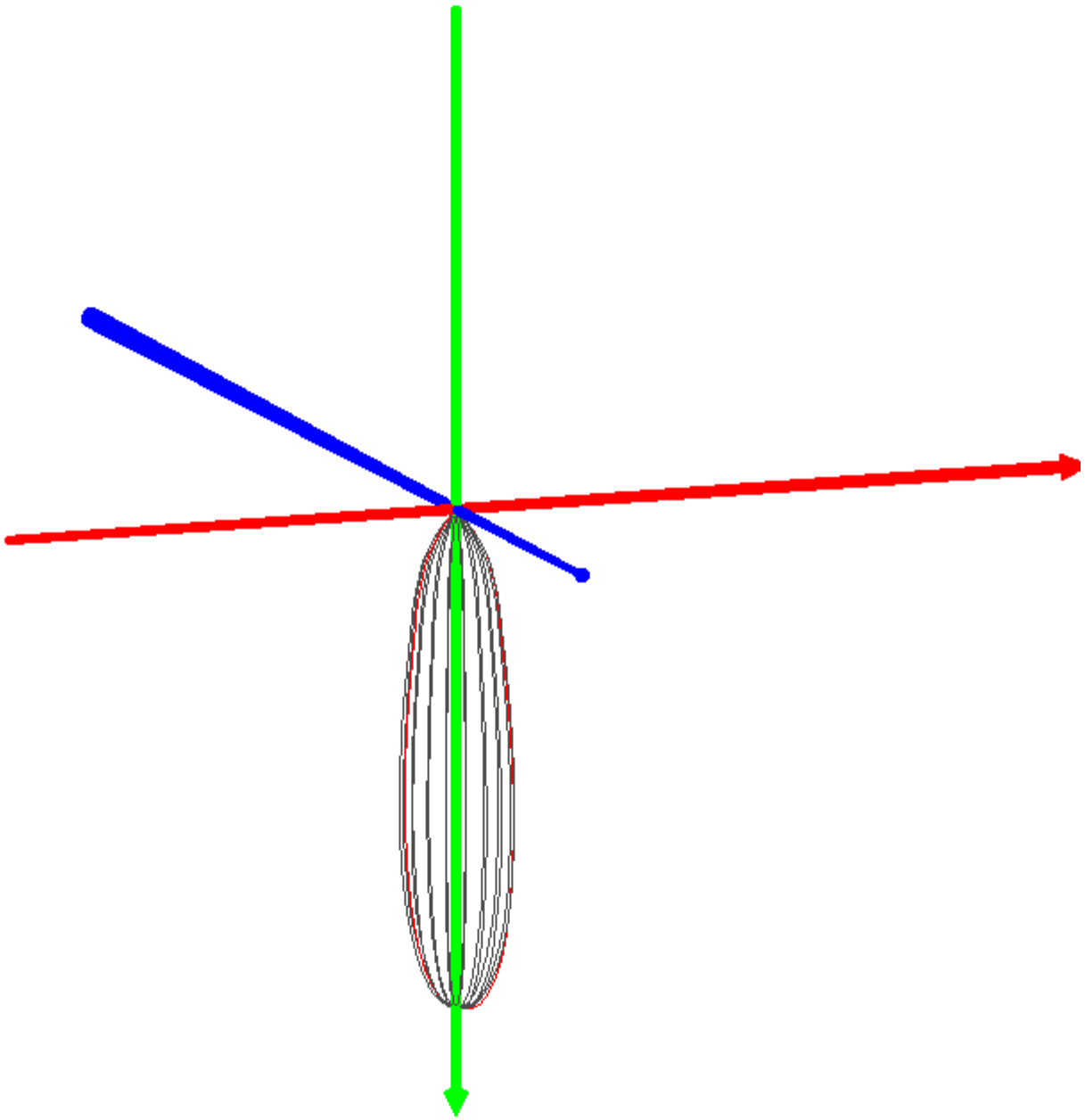
NIP: 783-171-97-20
REGON 360317241
KRS: 0000537079
Kapitał 200.000PLN




## Stabilization




## 3D Chart



Legend

- C0-C180
- C90-C270
- G0-G180

# 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 |

| | | | |
|---|---|---|---|
| 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 |