

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *MANE 10W 4000K GOLD*

Item No: *AZ4323*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Mane 10W NEW*

LuminaireNumber: *AZ4322*

FileName: *AZ4323.Idt*

Date: *2021-04-16*

Dimensions of luminaire

Length: *80 mm*

Width: *0 mm*

Height: *82 mm*

Dimensions of luminous area

Length: *45 mm*

Width: *0 mm*

C0-plane *23 mm*

C90-plane *23 mm*

C180-plane *23 mm*

C270-plane *23 mm*

Lamps:

Number of lamps: -1
Type of lamps: *Led zintegrowany*
Total luminous flux: *882,49 lm*
Color temperatur: *4230.59 K*
Color rendering index: *90,73*
Wattage including ballast: *10,62 W*

Utilization factors:

k = 0.60	<i>0,700</i>
k = 0.80	<i>0,749</i>
k = 1.00	<i>0,800</i>
k = 1.25	<i>0,839</i>
k = 1.50	<i>0,868</i>
k = 2.00	<i>0,920</i>
k = 2.50	<i>0,930</i>
k = 3.00	<i>0,943</i>
k = 4.00	<i>0,963</i>
k = 5.00	<i>0,976</i>

Electrical parameters

U = 229,690 V
I = 0,098 A
P = 10,620 W
Power factor = 0,471

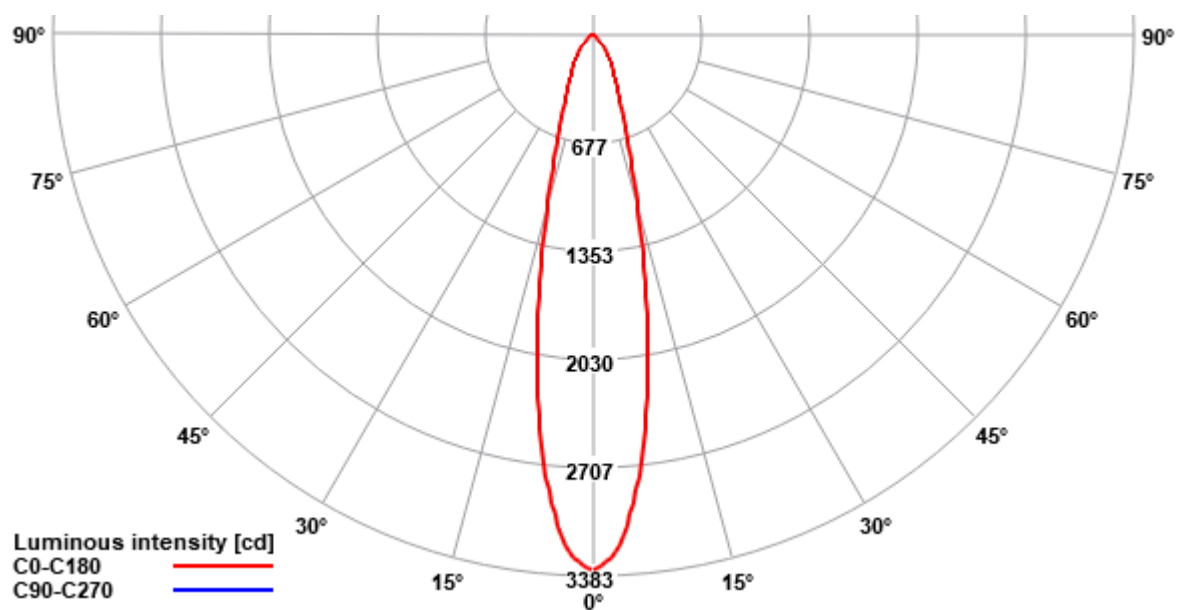
Power apparent = 22,552 VA
Power Reactive = -19,896 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

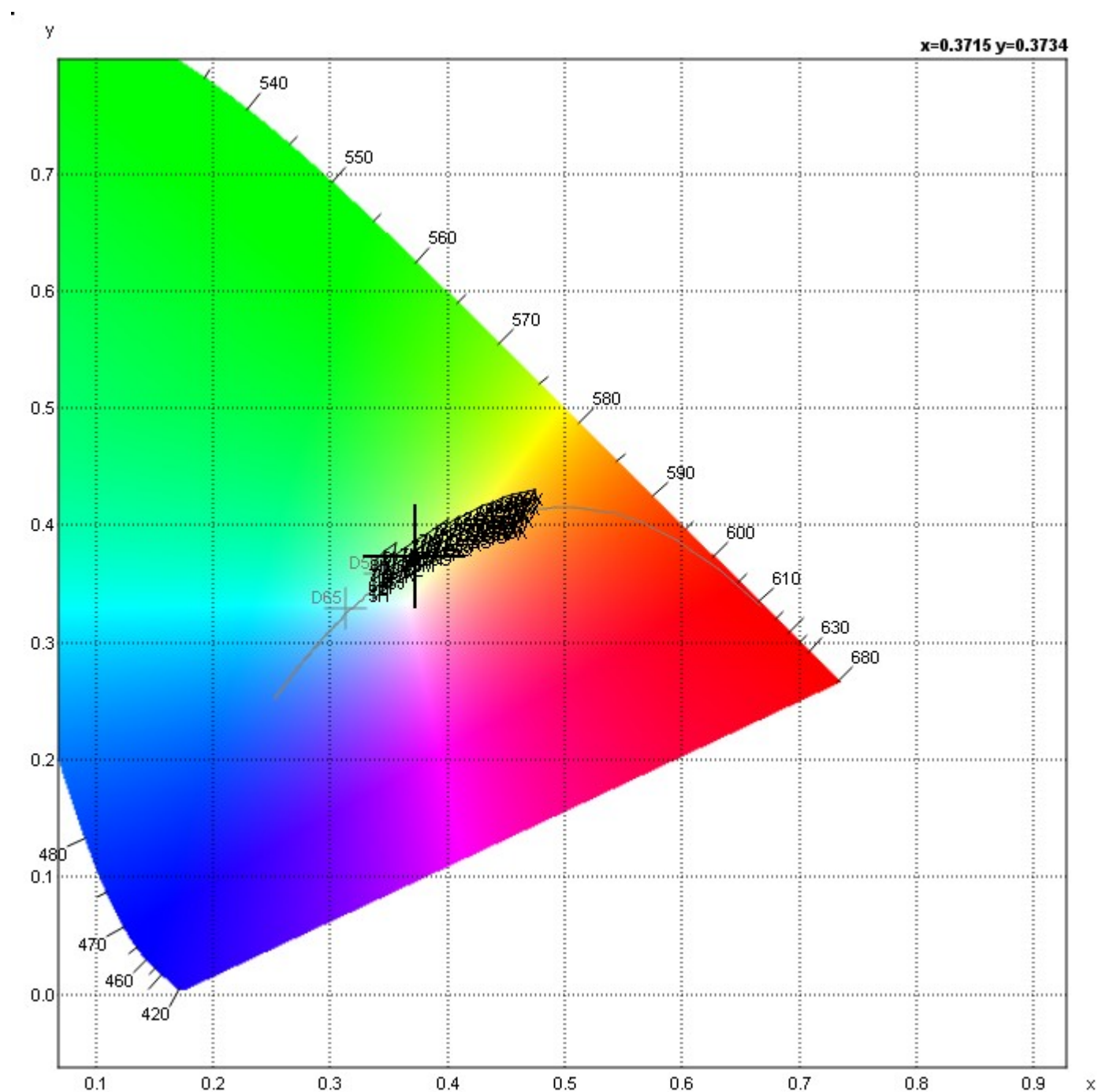
Total flux (utilized luminarie flux)	882,49 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	3349,85 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	83,10 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,3715
y 0,3734
Angular Colour Uniformity 0,0036



GL Optic R&D Center Sp. z o.o.

ul. Poznańska 70

PL-62-040 Puszczkowo; 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 200.000 PLN

Beam cone

GL Optic R&D Center Sp. z o.o.

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

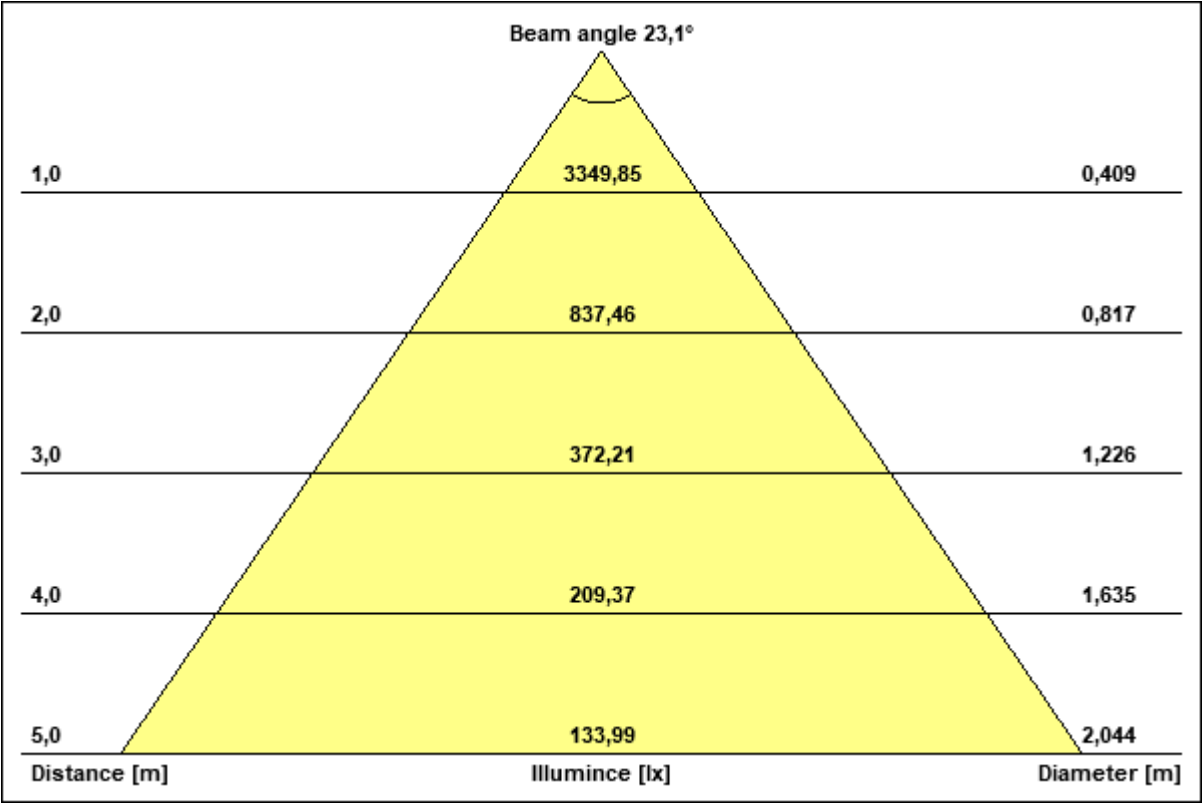
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

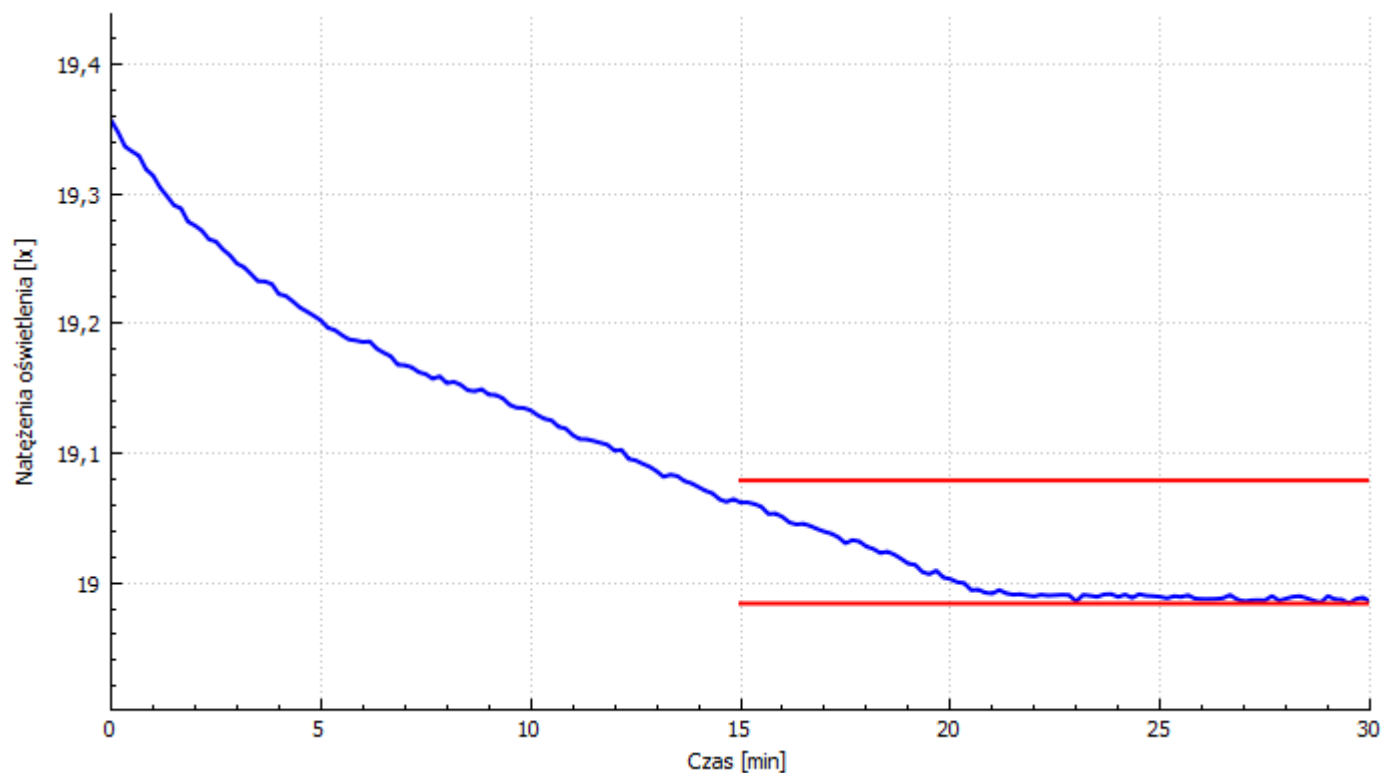
REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN



Stabilization



3D Chart

GL Optic R&D Center Sp. z o.o.

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

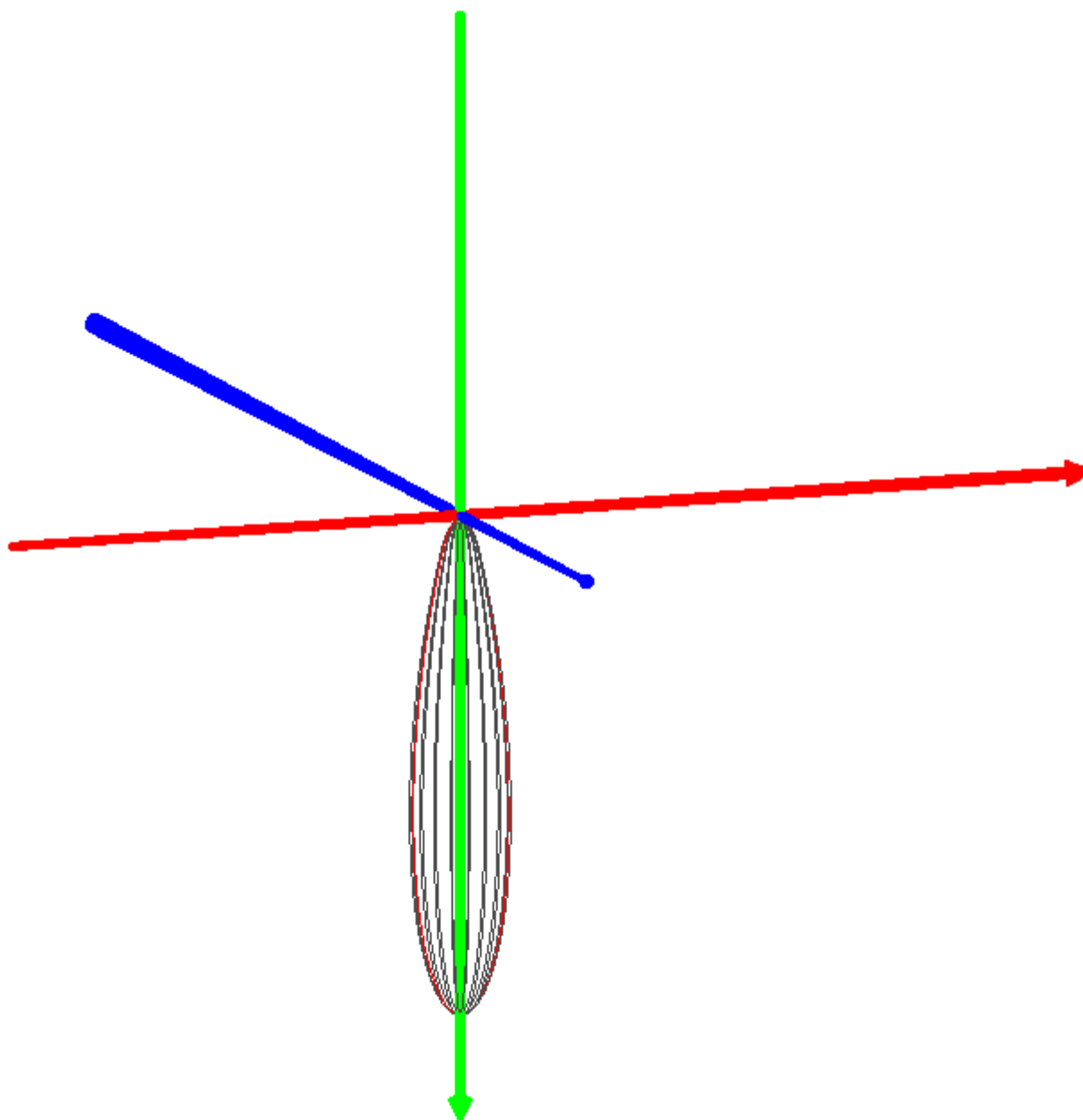
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN



Legend

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

GL Optic R&D Center Sp. z o.o.

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

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

GL Optic R&D Center Sp. z o.o.

Raiffeisen Bank Polska S.A.

NIP: 783-171-97-20

ul. Poznańska 70

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

REGON 360317241

PL-62-040 Puszczykowo; Poland

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

KRS: 0000537079

Tel.: +48 61 819 40 03

SWIFT BIC: RCBWPLPW

Kapitał 200.000PLN

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