

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Halo 100 GO PENDANT*
Item No: *AZ4964*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4964*
LuminaireName: *Halo 100 GO PENDANT*
LuminaireNumber: *AZ4964*
FileName: *AZ4964.Idt*
Date: *2024-03-06*

Dimensions of luminaire

Length: *1000 mm*
Width: *0 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *1000 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*

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

Type of lamps: *LED*
Total luminous flux: *3373,28 lm*
Color temperatur: *2938 K*
Color rendering index: *82,23*
Wattage including ballast: *52,91 W*

Utilization factors:

k = 0.60	<i>0,252</i>
k = 0.80	<i>0,324</i>
k = 1.00	<i>0,388</i>
k = 1.25	<i>0,453</i>
k = 1.50	<i>0,506</i>
k = 2.00	<i>0,588</i>
k = 2.50	<i>0,638</i>
k = 3.00	<i>0,678</i>
k = 4.00	<i>0,734</i>
k = 5.00	<i>0,772</i>

Electrical parameters

<i>U</i>	<i>= 229,620 V</i>
<i>I</i>	<i>= 0,241 A</i>
<i>P</i>	<i>= 52,911 W</i>
<i>Power factor</i>	<i>= 0,955</i>

<i>Power apparent</i>	<i>= 55,386 VA</i>
<i>Power Reactive</i>	<i>= -16,376 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 10,201 %</i>

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

ul. Poznańska 70

PL-62-040 Puszczykowo; Poland

Tel.: +48 61 819 40 03Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

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

ul. Poznańska 70

PL-62-040 Puszczykowo; Poland

Tel.: +48 61 819 40 03Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

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

ul. Poznańska 70

PL-62-040 Puszczykowo; Poland

Tel.: +48 61 819 40 03Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

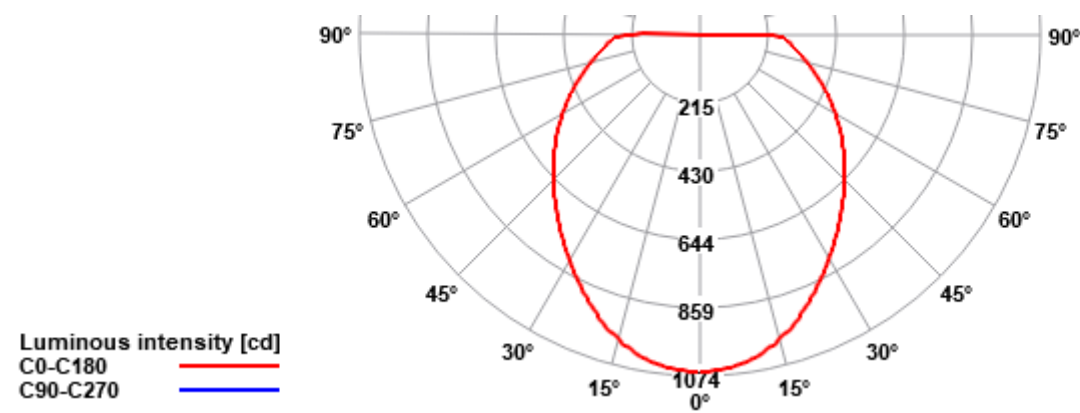
Kapitał 200.000PLN

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3373,28 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1063,26 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	63,76 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4413
y	0,4052
Angular Colour Uniformity	0,0016

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

ul. Poznańska 70

PL-62-040 Puszczykowo; Poland

Tel.: +48 61 819 40 03Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

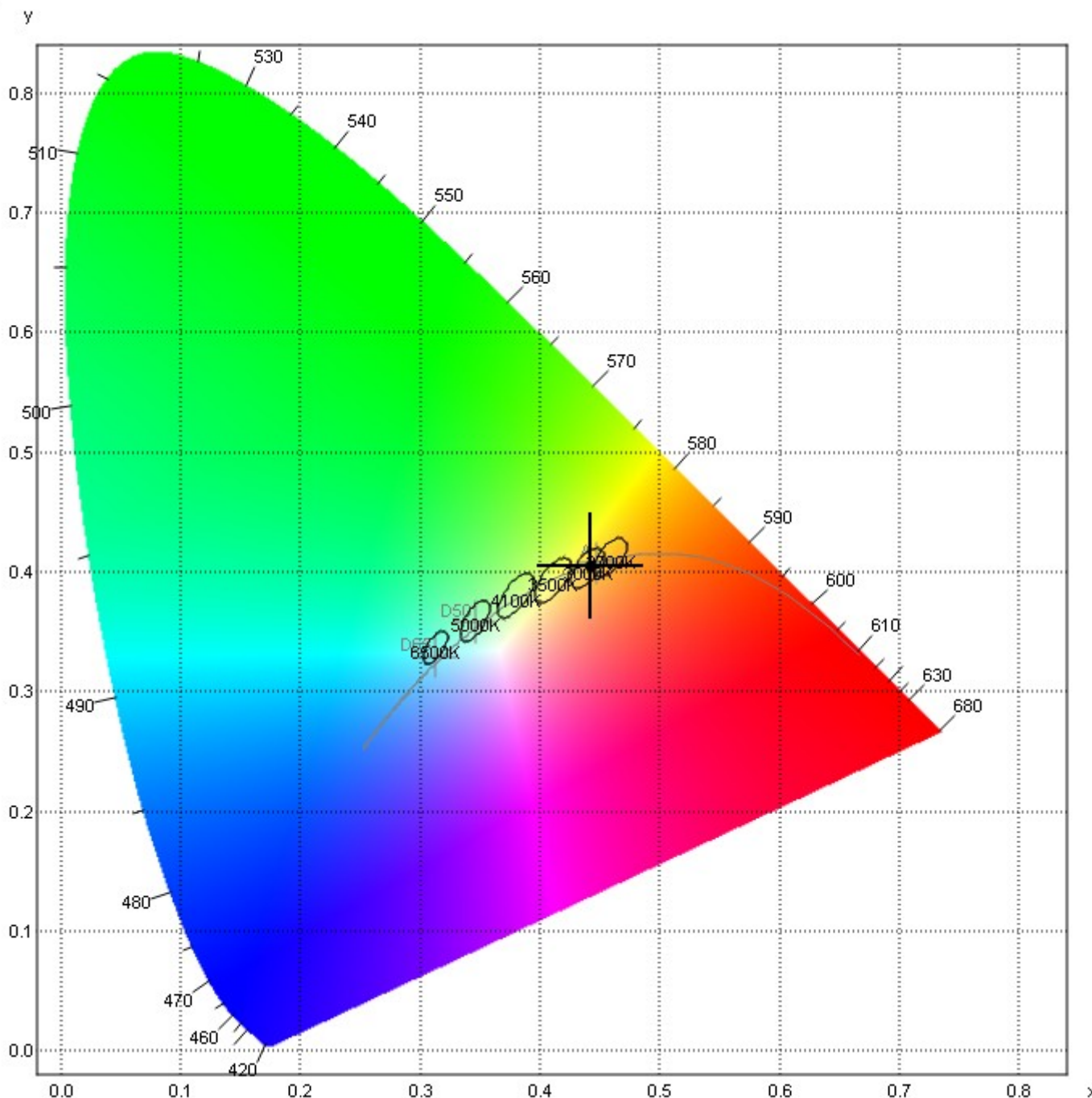
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN



Beam cone

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

ul. Poznańska 70

PL-62-040 Puszczykowo; Poland

Tel.: +48 61 819 40 03Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

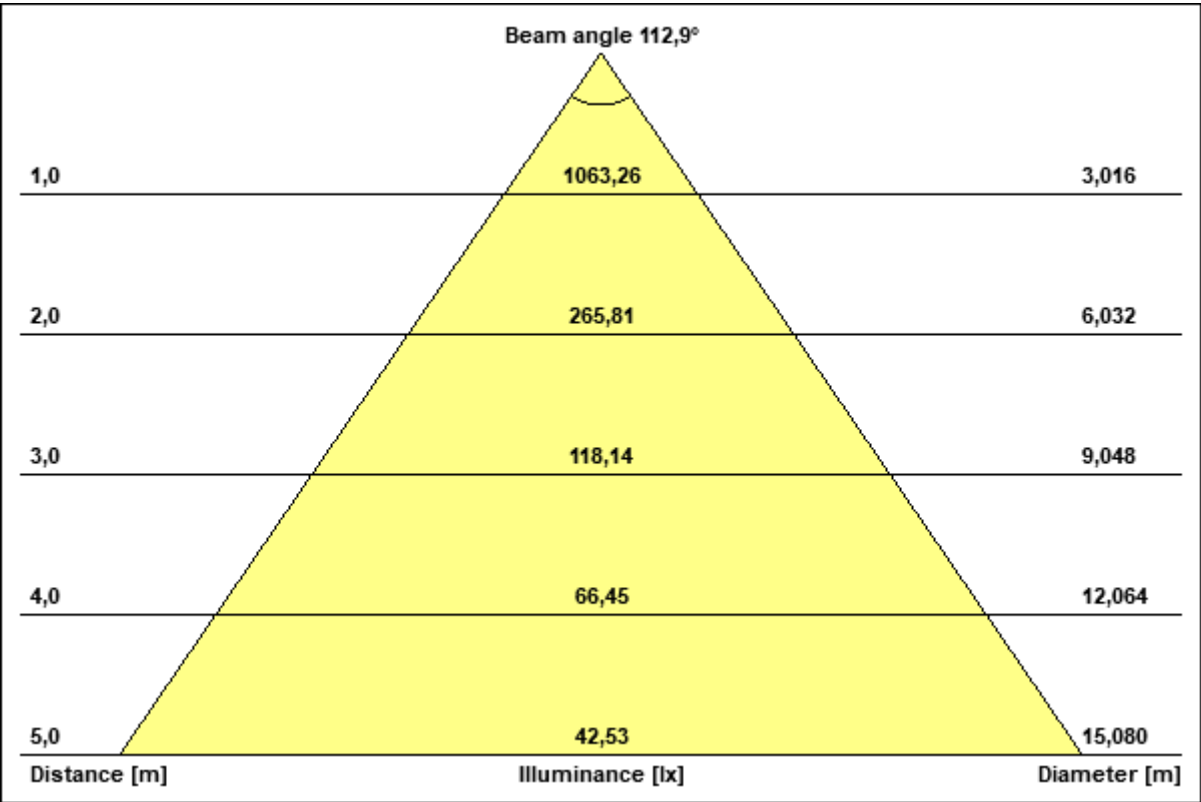
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN



Stabilization

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

ul. Poznańska 70

PL-62-040 Puszczykowo; Poland

Tel.: +48 61 819 40 03Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

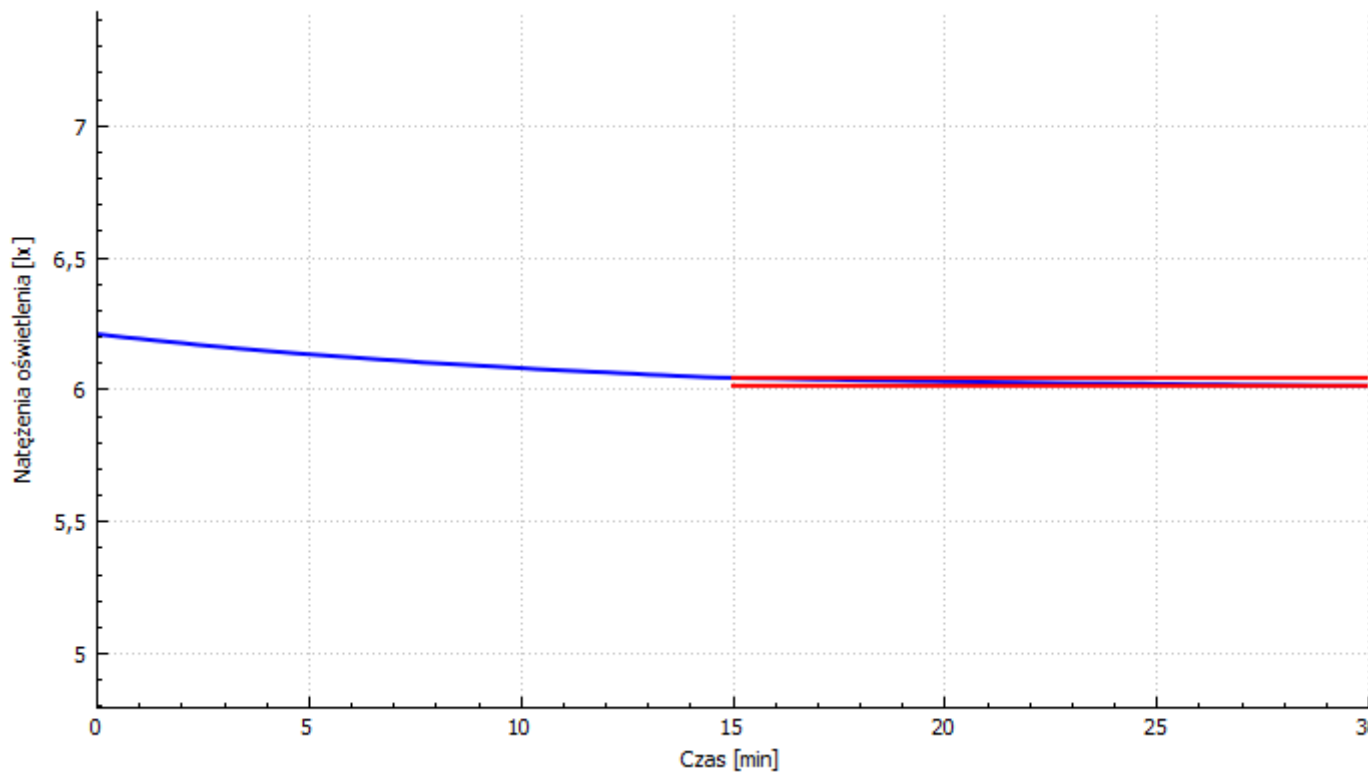
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN



3D Chart

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

ul. Poznańska 70

PL-62-040 Puszczykowo; Poland

Tel.: +48 61 819 40 03Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

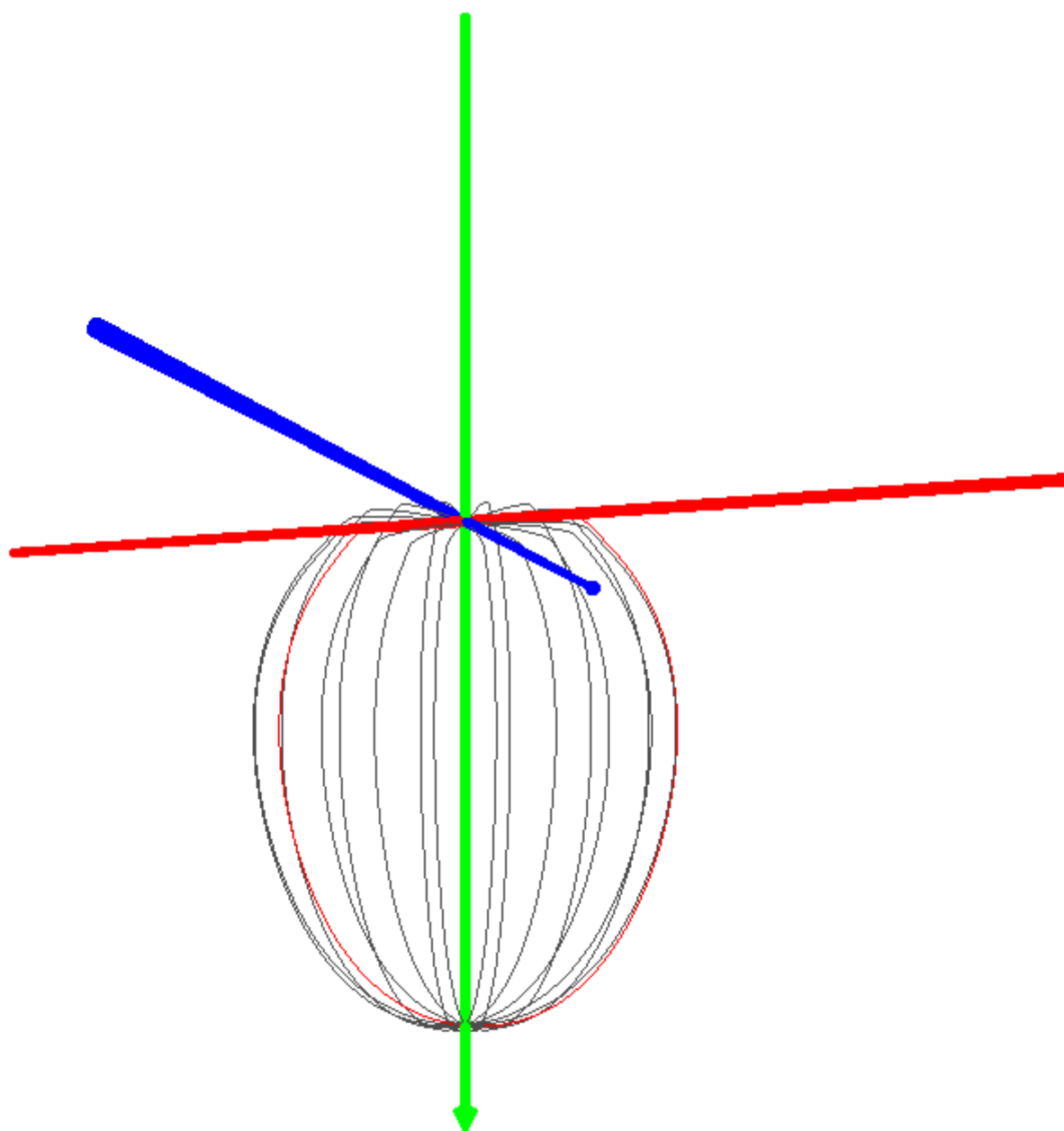
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN



Legend

- C0-C180

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

ul. Poznańska 70

PL-62-040 Puszczykowo; Poland

Tel.: +48 61 819 40 03Raiffeisen 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

- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
end
ed
elec
tric
al
rep
ort

			P(%f)
0	0,00144	0,611	-1,58e-05
1	100,000	100,000	100,000
2	0,00502	0	0
3	0,0219	9,370	0,00212
4	0,00219	0	0
5	0,00468	0,968	-4,09e-05
6	0,00122	0	0
7	0,0108	2,883	0,000277
8	0,000874	0	0
9	0,00517	2,015	7,81e-05
10	0	0	0
11	0,00342	0,344	-1,44e-05
12	0,000901	0	0
13	0,00385	0,462	7,29e-06
14	0	0	0
15	0,00134	0,281	1,11e-07
16	0	0	0
17	0,00397	0,675	1,34e-05
18	0	0	0
19	0,00368	0,583	9,24e-06
20	0	0	0
21	0,00303	0,235	7,92e-06

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

ul. Poznańska 70

PL-62-040 Puszczykowo; Poland

Tel.: +48 61 819 40 03Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

22	0	0	0
23	0,00136	0,181	-2,78e-06
24	0,000872	0	0
25	0,00112	0,242	2,04e-06
26	0,00132	0	0
27	0,00243	0,385	4,66e-06
28	0	0	0
29	0,00108	0,337	1,9e-06
30	0,00122	0	0
31	0,00117	0,199	1,21e-06
32	0	0	0
33	0,00105	0,179	1,39e-06
34	0	0	0
35	0,00163	0,197	-1,01e-06
36	0	0	0
37	0,00204	0,294	1,44e-06
38	0,000833	0	0
39	0,00236	0,303	3,83e-06
40	0,000924	0	0
41	0,00337	0,247	4,69e-06
42	0,00147	0	0
43	0,00158	0,213	1,7e-06
44	0,00117	0	0
45	0	0,175	0
46	0,00151	0	0
47	0,00089	0,217	3,25e-08
48	0,00141	0	0
49	0,000846	0,272	1,96e-07
50	0,00123	0	0

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

ul. Poznańska 70

PL-62-040 Puszczykowo; Poland

Tel.: +48 61 819 40 03Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN