

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Spark Waves Pendant 120 CCT DIMM + RC*

Item No: *AZ6562*

Serial No.: *AZ6562*

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6562_WW*

LuminaireName: *Spark Waves Pendant 120 CCT DIMM Remote Control*

LuminaireNumber: *AZ6562*

FileName: *AZ6562_WW.Idt*

Date: *2025-08-05*

Dimensions of luminaire

Length: *1200 mm*

Width: *260 mm*

Height: *1000 mm*

Dimensions of luminous area

Length: *1200 mm*

Width: *260 mm*

C0-plane *0 mm*

C90-plane *0 mm*

C180-plane *0 mm*

C270-plane *0 mm*

Lamps:

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

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 4129,73 lm
Color temperatur: 2982 K
Color rendering index: 82,46
Wattage including ballast: 68,68 W

Utilization factors:

k = 0.60	0,198
k = 0.80	0,283
k = 1.00	0,357
k = 1.25	0,433
k = 1.50	0,492
k = 2.00	0,582
k = 2.50	0,638
k = 3.00	0,681
k = 4.00	0,740
k = 5.00	0,778

Electrical parameters

U = 229,680 V
 I = 0,309 A
 P = 68,677 W
Power factor = 0,969

Power apparent = 70,883 VA
Power Reactive = -17,500 var
Frequency Voltage = 50,002 Hz
THD = 9,645 %

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

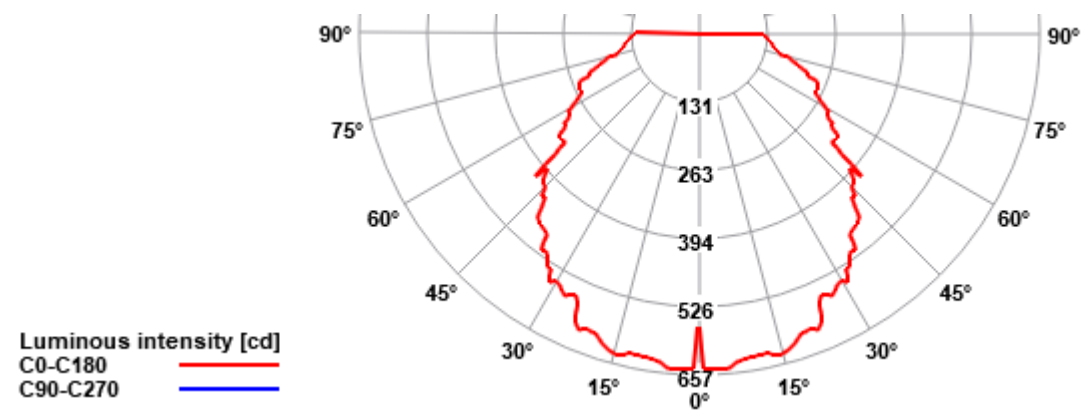
Kapitał 200.000PLN

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	4129,73 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1916,56 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	60,13 lm/W

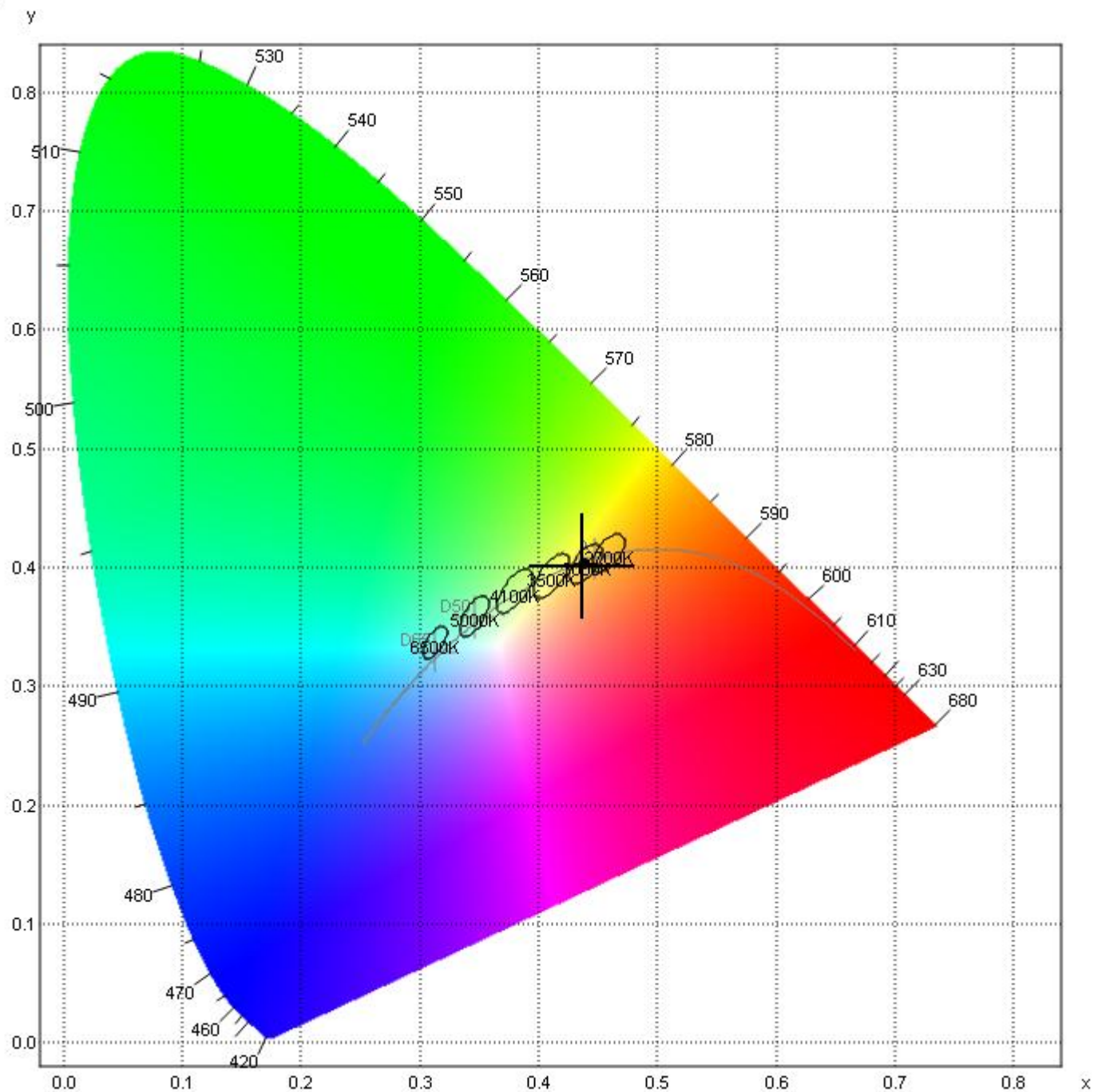
Light intensity distribution diagram



CIE 1931 diagram

x	0,4365
y	0,4009
Angular Colour Uniformity	0,0045

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

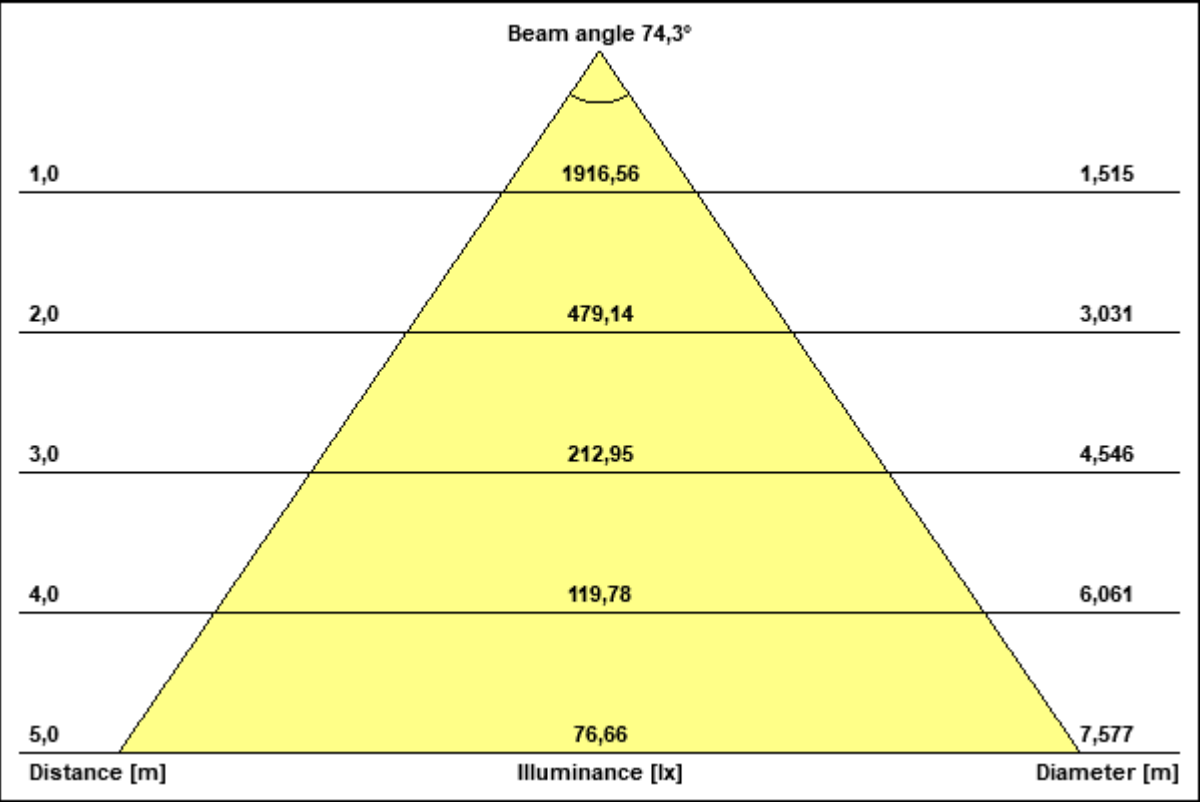
SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

Beam cone



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

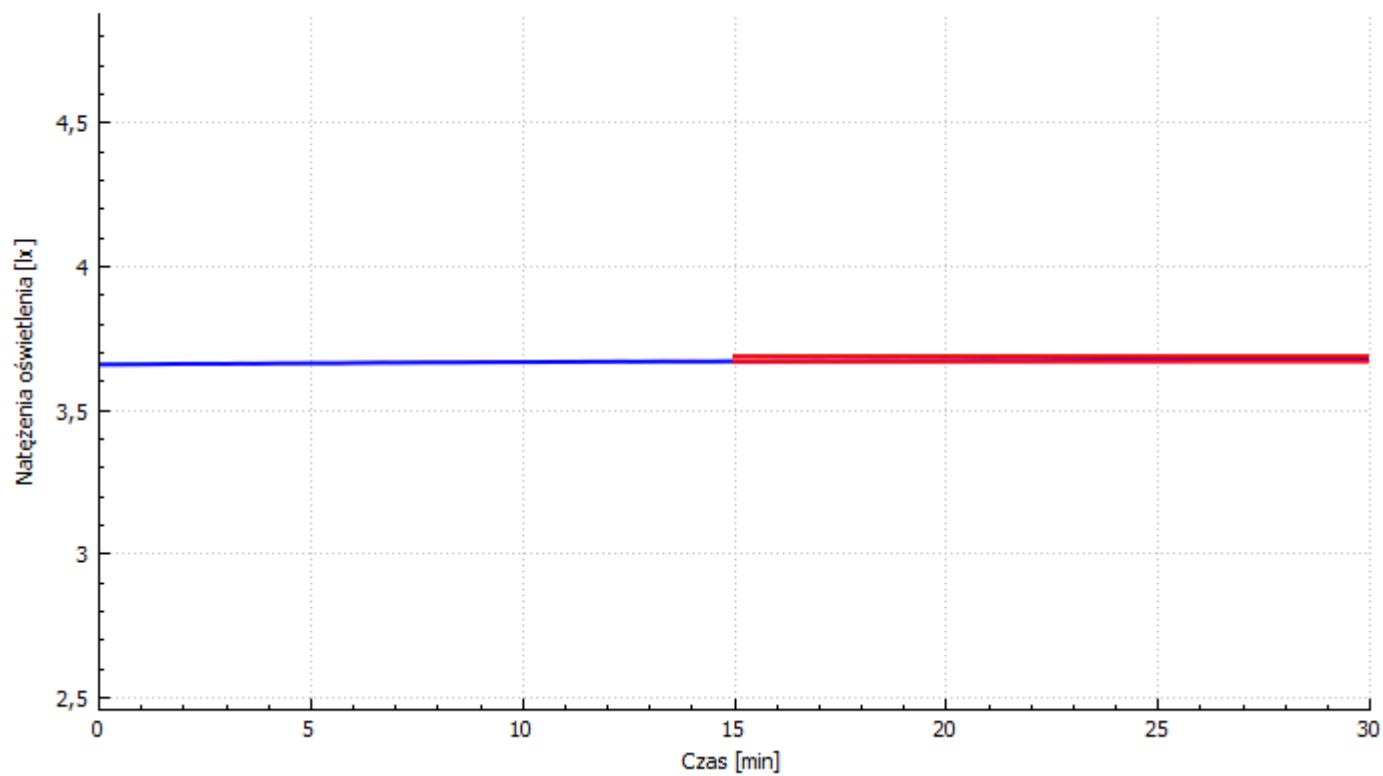
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

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

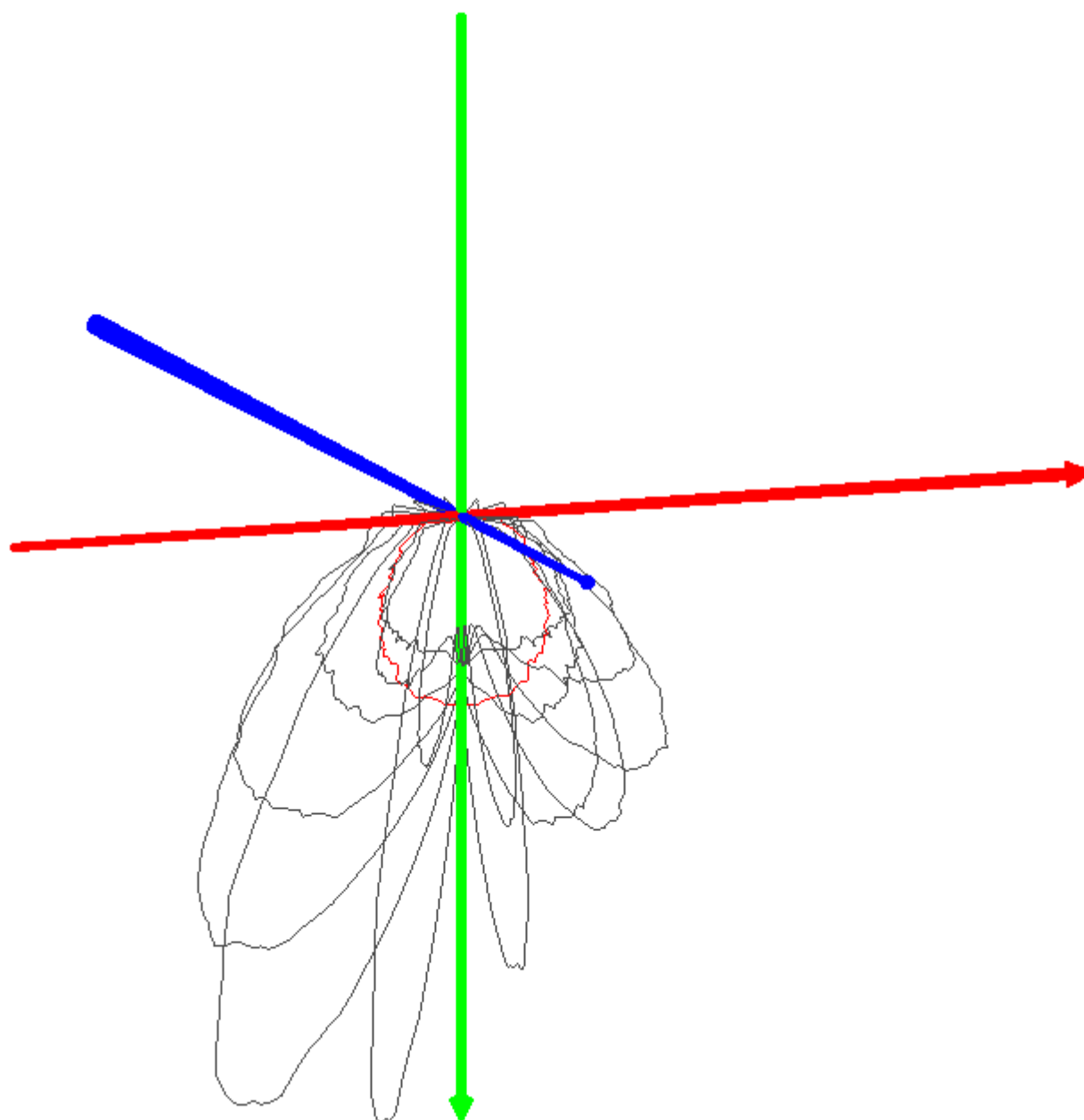
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

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: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00271	0,251	5,61e-06
1	100,000	100,000	100,000
2	0,00385	0	0
3	0,0125	6,068	0,000731
4	0,00225	0	0
5	0,0159	4,017	0,000674
6	0,00126	0	0
7	0,0123	3,240	0,00039
8	0	0	0
9	0,00897	2,580	0,000219
10	0	0	0
11	0,00697	2,087	7e-05
12	0	0	0
13	0,00609	1,743	7,38e-05
14	0	0	0
15	0,00547	1,505	7,24e-05
16	0	0	0
17	0,00447	1,321	6,22e-05
18	0	0	0
19	0,00451	1,224	4,21e-05
20	0	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

21	0,00395	1,134	3,34e-05
22	0	0	0
23	0,00765	1,094	2,03e-05
24	0	0,0448	0
25	0,00588	1,008	1,71e-05
26	0	0	0
27	0,00514	0,962	1,83e-05
28	0	0,0372	0
29	0,00611	0,916	1,35e-05
30	0	0,0444	0
31	0,00513	0,891	1,97e-05
32	0,00093	0	0
33	0,00656	0,832	1,5e-05
34	0,000985	0,0386	0
35	0,00759	0,803	1,91e-05
36	0,00129	0	7,92e-08
37	0,00689	0,744	1,77e-05
38	0,00115	0	7,77e-08
39	0,00683	0,747	1,67e-05
40	0,00116	0	4,35e-07
41	0,00492	0,650	1,08e-05
42	0,00118	0,0499	0
43	0,00531	0,625	1,53e-05
44	0,00128	0	0
45	0,0072	0,590	1,71e-05
46	0,0012	0,0408	4,04e-08
47	0,00606	0,544	1,61e-05
48	0,0019	0	1,45e-07
49	0,00548	0,457	1,24e-05
50	0,00123	0	5,04e-07

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: RCBWPLPWNP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN