

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *ALAMO PENDANT 120 3-STEP DIMM*
Item No: *AZ5766*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ5766*
LuminaireName: *ALAMO PENDANT 120 3-STEP DIMM*
LuminaireNumber: *AZ5766*
FileName: *AZ5766.ldt*
Date: *2024-09-19*

Dimensions of luminaire

Length: *1200 mm*
Width: *25 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *1155 mm*
Width: *18 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: *1938,32 lm*
Color temperatur: *2967 K*
Color rendering index: *82,92*
Wattage including ballast: *22,57 W*

Utilization factors:

$k = 0.60$	<i>0,276</i>
$k = 0.80$	<i>0,356</i>
$k = 1.00$	<i>0,428</i>
$k = 1.25$	<i>0,498</i>
$k = 1.50$	<i>0,554</i>
$k = 2.00$	<i>0,640</i>
$k = 2.50$	<i>0,690</i>
$k = 3.00$	<i>0,729</i>
$k = 4.00$	<i>0,782</i>
$k = 5.00$	<i>0,817</i>

Electrical parameters

U	<i>= 229,671 V</i>
I	<i>= 0,122 A</i>
P	<i>= 22,566 W</i>
Power factor	<i>= 0,808</i>

Power apparent	<i>= 27,930 VA</i>
Power Reactive	<i>= -16,458 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 56,234 %</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

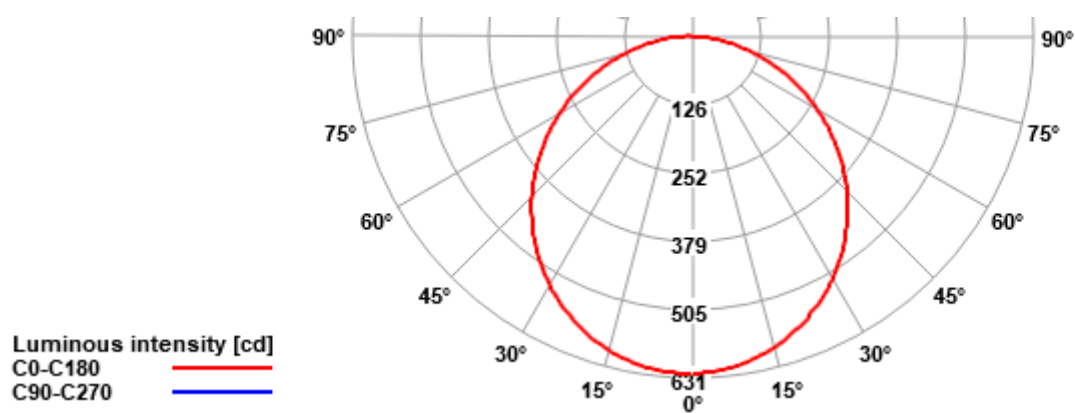
Kapitał 200.000PLN

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1938,32 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	625,14 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	85,88 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4360
y	0,3983
Angular Colour Uniformity	0,0014

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

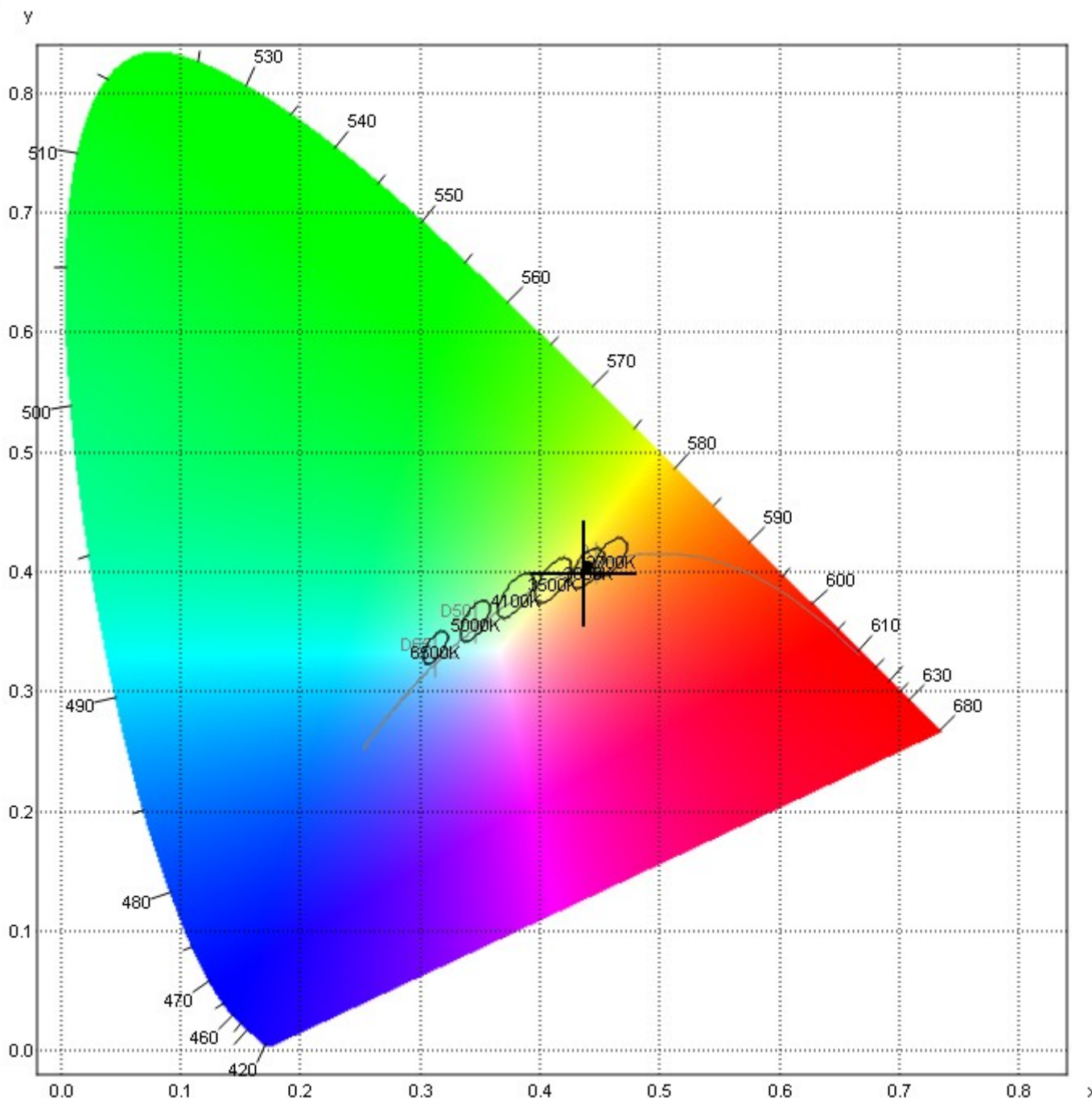
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

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

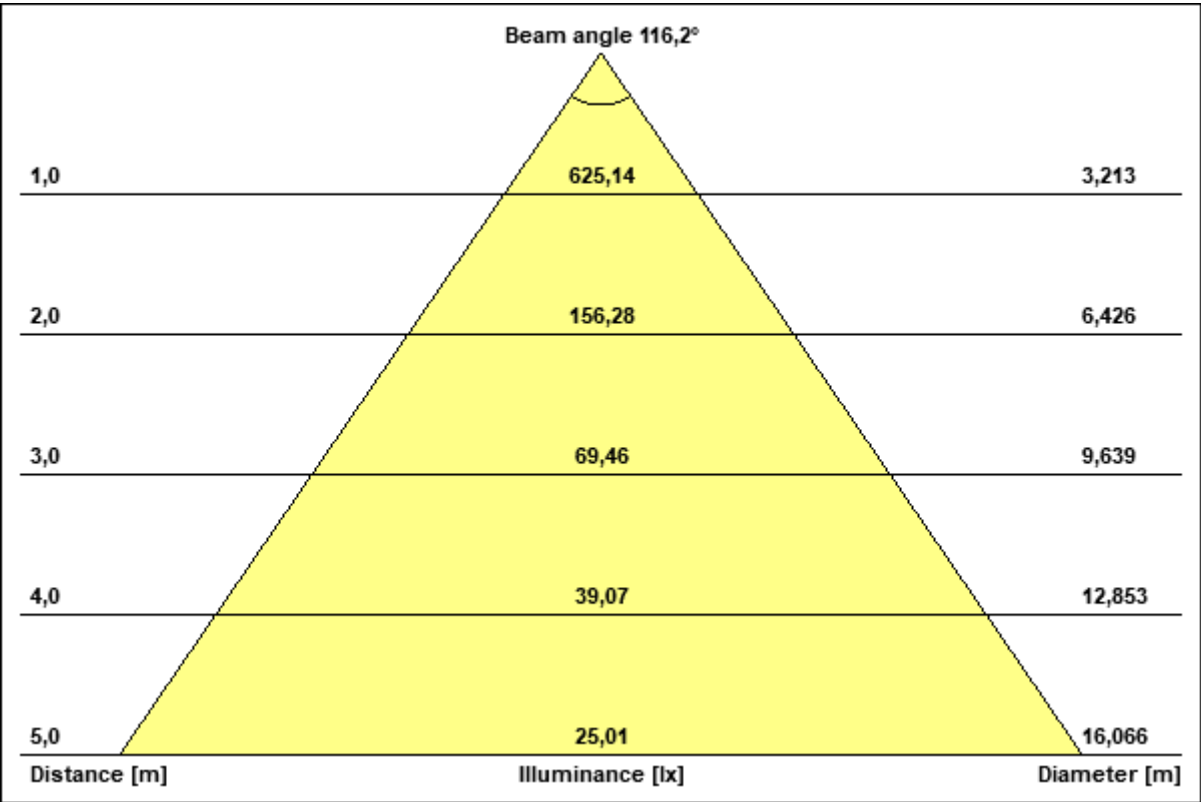
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

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

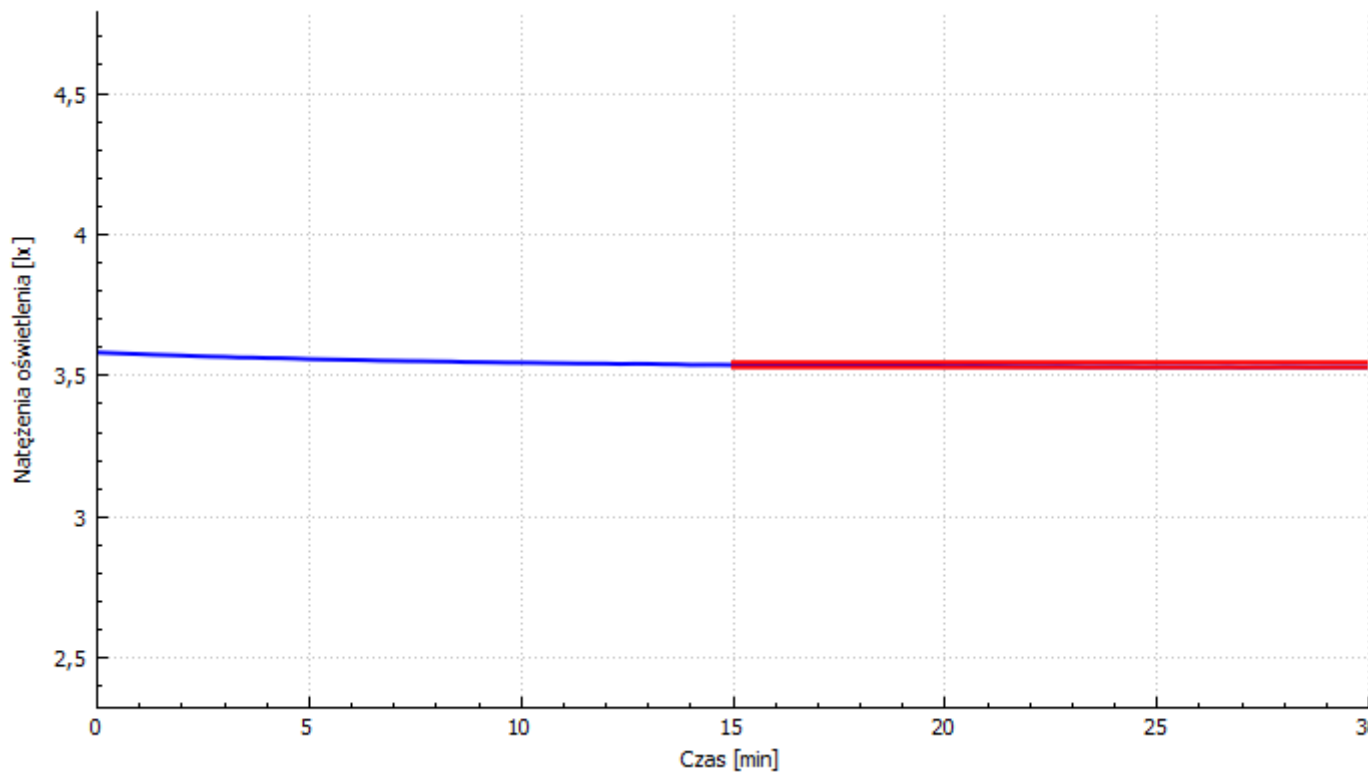
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

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

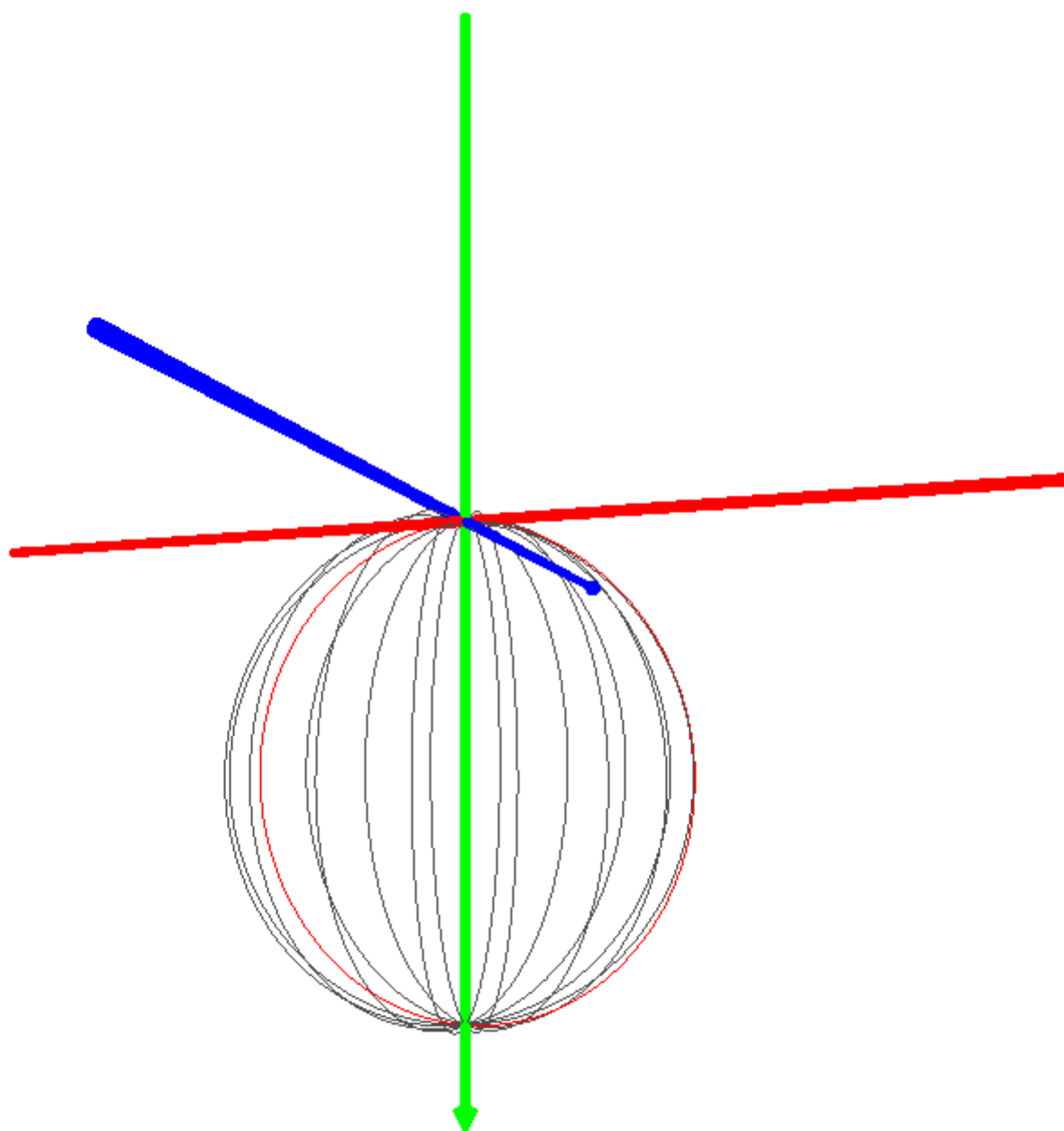
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

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: RCBWPLPWNIP: 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**

U(%f)			I(%f)	P(%f)
0	0	0	0	
1	100,000	100,000	100,000	
2	0,00658	0	0	
3	0,00839	32,256	0,00104	
4	0,00296	0	0	
5	0,0118	19,938	0,000656	
6	0,00164	0	0	
7	0,00232	10,131	0,00012	
8	0,000877	0	0	
9	0,0128	17,652	0,00124	
10	0,00144	0	0	
11	0,00737	12,448	0,00047	
12	0,00126	0	0	
13	0,0138	15,810	0,000514	
14	0	0	0	
15	0,00669	7,033	0,000196	
16	0	0	0	
17	0,00515	3,493	-2,79e-05	
18	0	0	0	
19	0,00255	2,913	1,41e-07	
20	0	0	0	
21	0,0125	8,671	0,00022	

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	0,0119	6,735	0,000331
24	0	0	0
25	0,0142	8,073	0,000151
26	0	0	0
27	0,00968	4,330	0,000139
28	0	0	0
29	0,00447	1,815	2,88e-06
30	0	0	0
31	0,00381	1,946	1,46e-05
32	0	0	0
33	0,0143	6,114	0,000119
34	0	0	0
35	0,0125	4,913	0,000118
36	0	0	0
37	0,00875	3,474	4,05e-06
38	0	0	0
39	0,00661	2,144	1,73e-05
40	0	0	0
41	0,00638	1,929	-1,54e-05
42	0	0	0
43	0,00638	1,995	4,03e-05
44	0	0	0
45	0,0102	3,411	-4,08e-05
46	0	0	0
47	0,0121	3,442	1,45e-05
48	0	0	0
49	0,00369	1,038	1,16e-05
50	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