

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Tetris 10 CCT bk- 6000K*
Item No: *AZ6282*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6282-6000K*
LuminaireName: *Tetris 10 CCT BK -6000K*
LuminaireNumber: *AZ6282*
FileName: *AZ62826000K.Idt*
Date: *2024-04-22*

Dimensions of luminaire

Length: *270 mm*
Width: *45 mm*
Height: *2 mm*

Dimensions of luminous area

Length: *260 mm*
Width: *35 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: *848,23 lm*
Color temperatur: *5487 K*
Color rendering index: *98,05*
Wattage including ballast: *8,29 W*

Utilization factors:

k = 0.60	<i>0,712</i>
k = 0.80	<i>0,757</i>
k = 1.00	<i>0,806</i>
k = 1.25	<i>0,843</i>
k = 1.50	<i>0,871</i>
k = 2.00	<i>0,922</i>
k = 2.50	<i>0,930</i>
k = 3.00	<i>0,944</i>
k = 4.00	<i>0,964</i>
k = 5.00	<i>0,977</i>

Electrical parameters

<i>U</i>	<i>= 2,369 V</i>
<i>I</i>	<i>= 0,000 A</i>
<i>P</i>	<i>= 8,290 W</i>
<i>Power factor</i>	<i>= 0,000</i>

<i>Power apparent</i>	<i>= 0,000 VA</i>
<i>Power Reactive</i>	<i>= 0,000 var</i>
<i>Frequency Voltage</i>	<i>= 49,978 Hz</i>
<i>THD</i>	<i>= 36,595 %</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

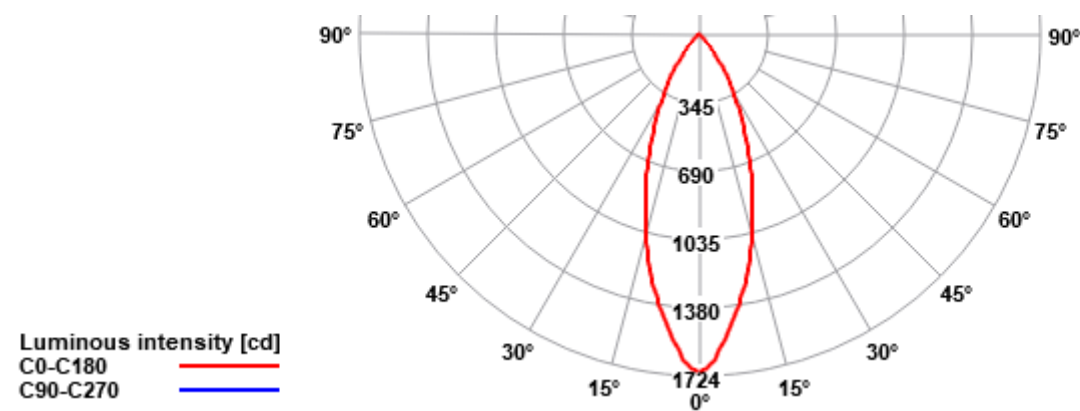
Kapitał 200.000PLN

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	848,23 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1707,42 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	102,32 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3328
y	0,3435
Angular Colour Uniformity	0,0033

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

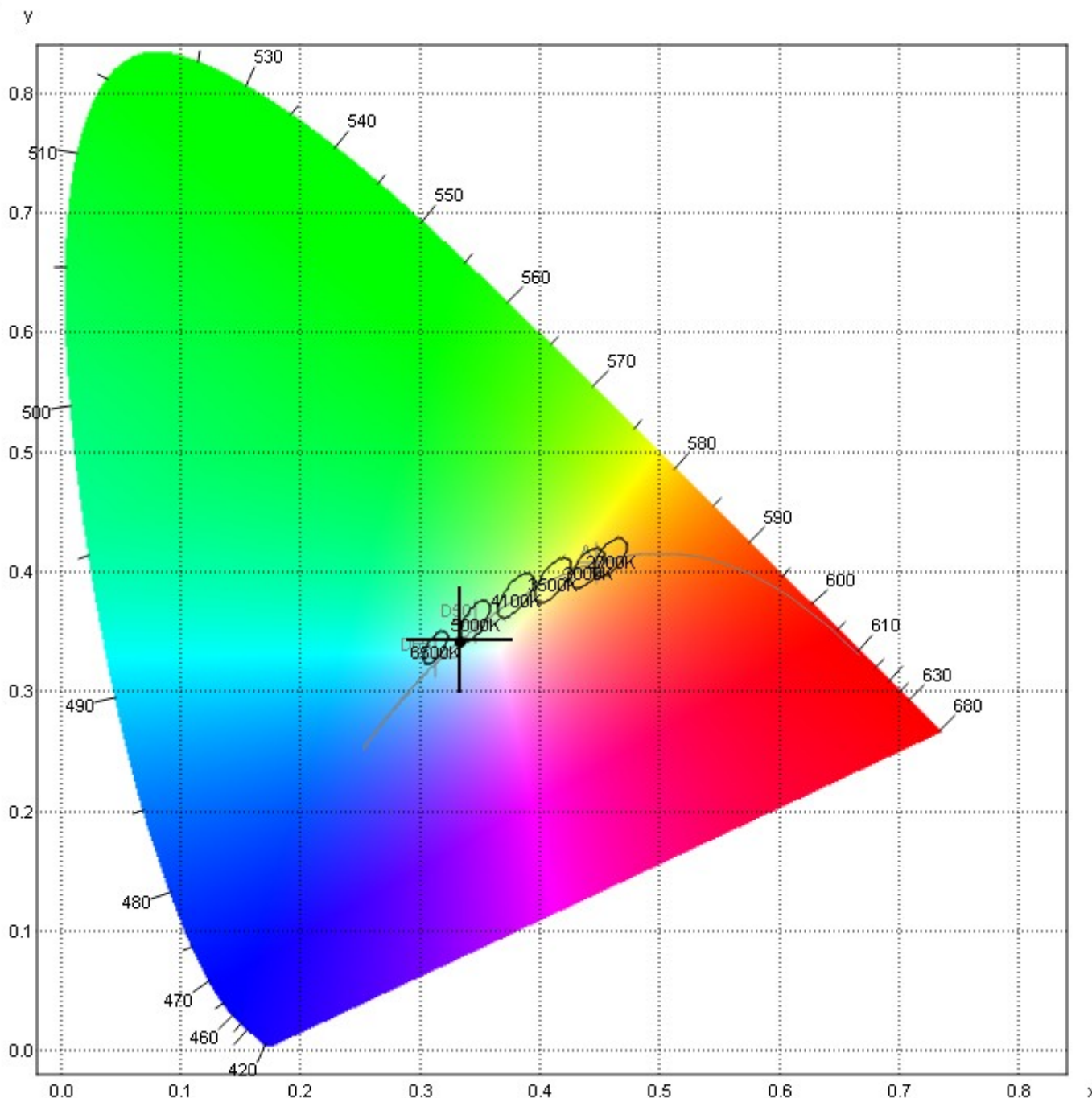
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

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

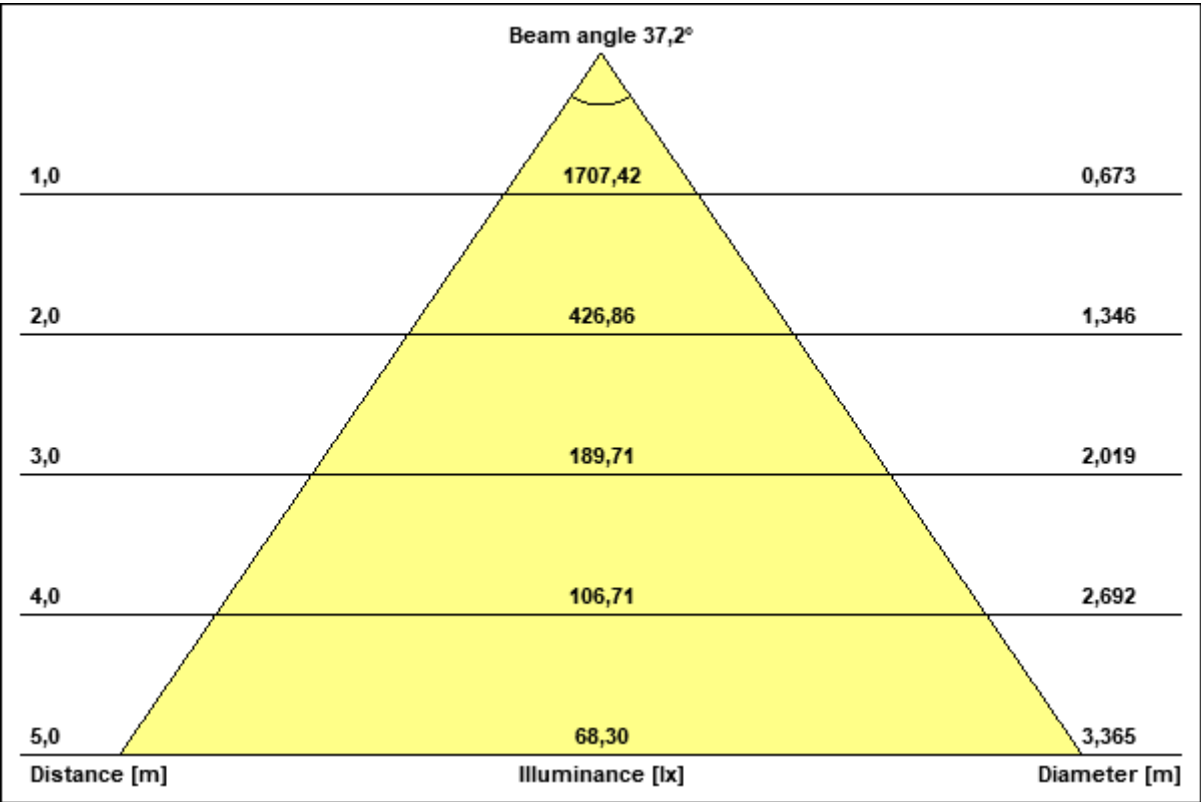
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

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

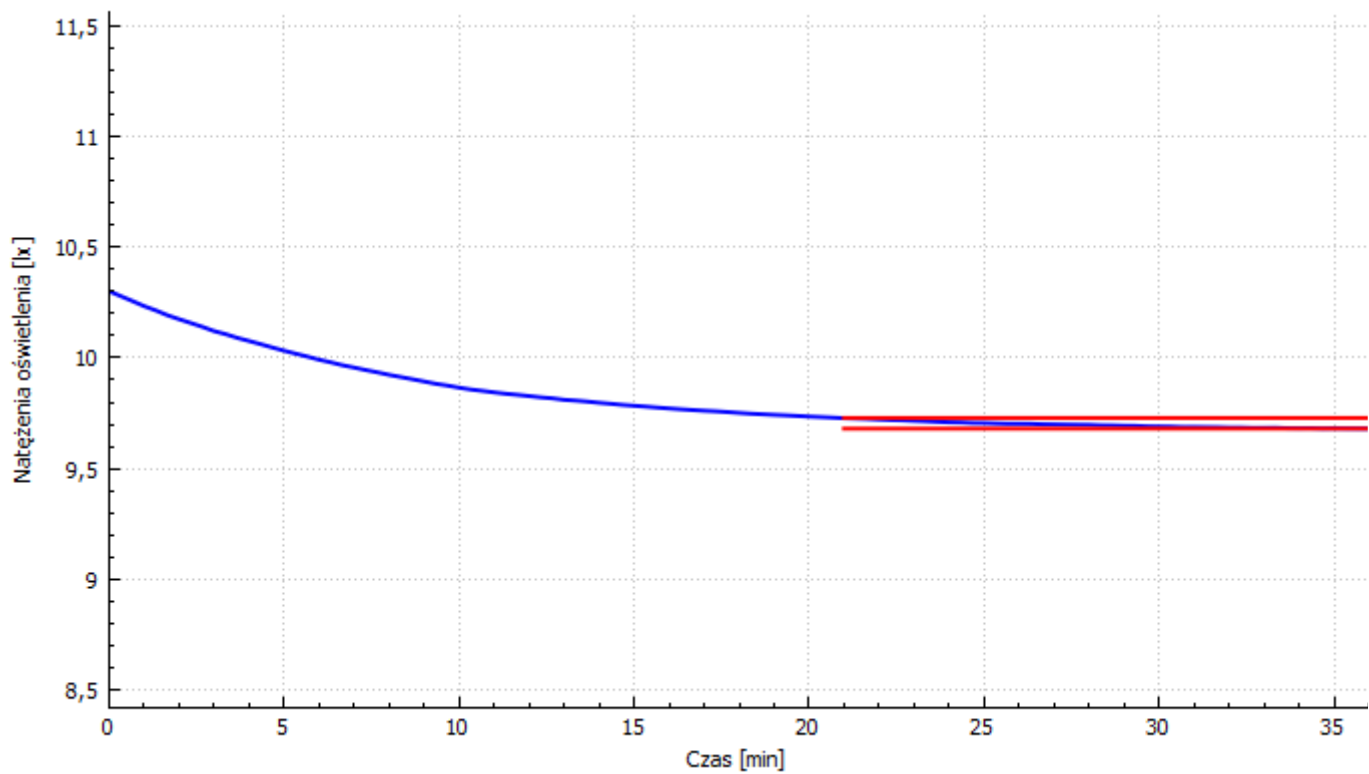
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

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

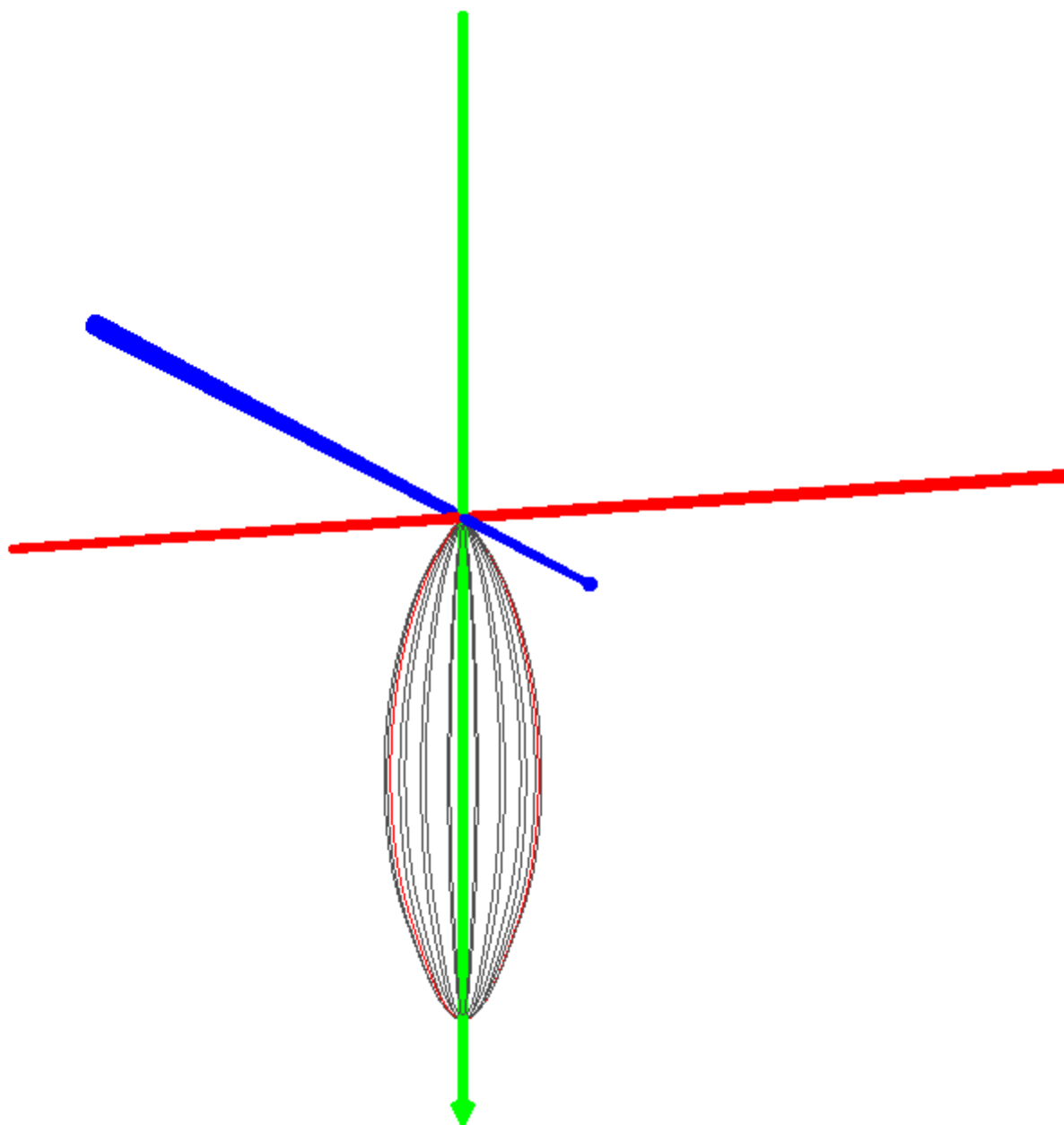
EUR: IBAN 06 1750 0012 0000 0000 2709 9467

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	2,475	187,654	4,762
1	100,000	100,000	100,000
2	15,703	0	0
3	8,718	0	0
4	5,437	0	0
5	5,717	0	0
6	0,630	0	0
7	1,681	0	0
8	0,972	0	0
9	0,768	0	0
10	0,555	0	0
11	0,848	0	0
12	0,338	0	0
13	0,522	0	0
14	0,310	0	0
15	0,202	0	0
16	0,166	0	0
17	0,265	0	0
18	0,303	0	0
19	0,193	0	0
20	0,100	0	0
21	0,332	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

22	0,0945	0	0
23	0,477	36,595	0,0761
24	0,178	0	0
25	0,0627	0	0
26	0,135	0	0
27	0,262	0	0
28	0,0311	0	0
29	0,113	0	0
30	0,0851	0	0
31	0,101	0	0
32	0,0625	0	0
33	0,114	0	0
34	0,0476	0	0
35	0,0604	0	0
36	0,0888	0	0
37	0,137	0	0
38	0,0613	0	0
39	0,083	0	0
40	0,0453	0	0
41	0,0249	0	0
42	0,0477	0	0
43	0,0413	0	0
44	0,0668	0	0
45	0,170	0	0
46	0,061	0	0
47	0,0343	0	0
48	0,0504	0	0
49	0,0763	0	0
50	0,0495	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: RCBWPLPWNP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN