

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Makita*

Item No: *AZ4840*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ4840_6000*

LuminaireName: *AZ4840*

LuminaireNumber: *AZ4840*

FileName: *AZ4840_6000.ldt*

Date: *2022-11-07*

Dimensions of luminaire

Length: *85 mm*

Width: *0 mm*

Height: *200 mm*

Dimensions of luminous area

Length: *70 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
Type of lamps: LED
Total luminous flux: 1786,25 lm
Color temperatur: 6536 K
Color rendering index: 81,89
Wattage including ballast: 19,54 W

Utilization factors:

k = 0.60	0,714
k = 0.80	0,758
k = 1.00	0,806
k = 1.25	0,842
k = 1.50	0,869
k = 2.00	0,921
k = 2.50	0,930
k = 3.00	0,943
k = 4.00	0,964
k = 5.00	0,978

Electrical parameters

<i>U</i>	= 229,657 V
<i>I</i>	= 0,261 A
<i>P</i>	= 19,540 W
<i>Power factor</i>	= 0,326

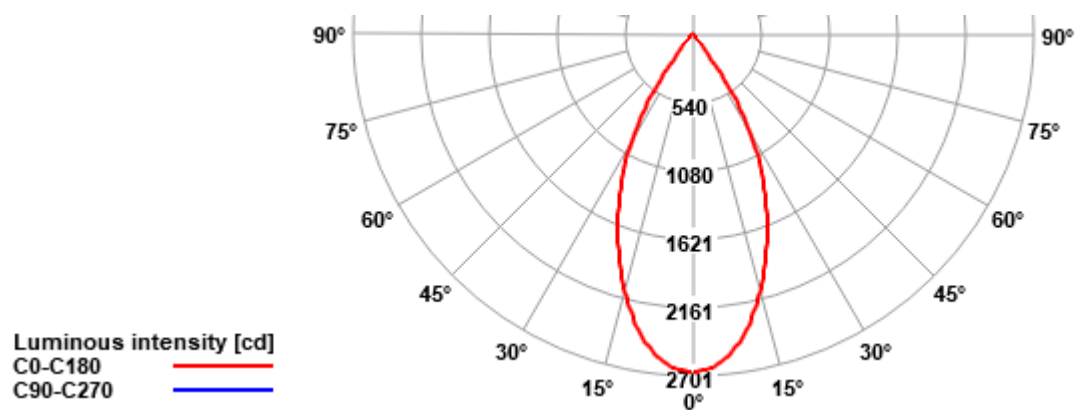
<i>Power apparent</i>	= 59,906 VA
<i>Power Reactive</i>	= -56,620 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

Temperature = 25 C

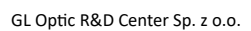
Goniometric measurement results

Total flux (utilized luminarie flux)	1786,25 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	2674,27 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	91,42 lm/W

Light intensity distribution diagram



x	0,3111
y	0,3364
Angular Colour Uniformity	0,0098



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

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

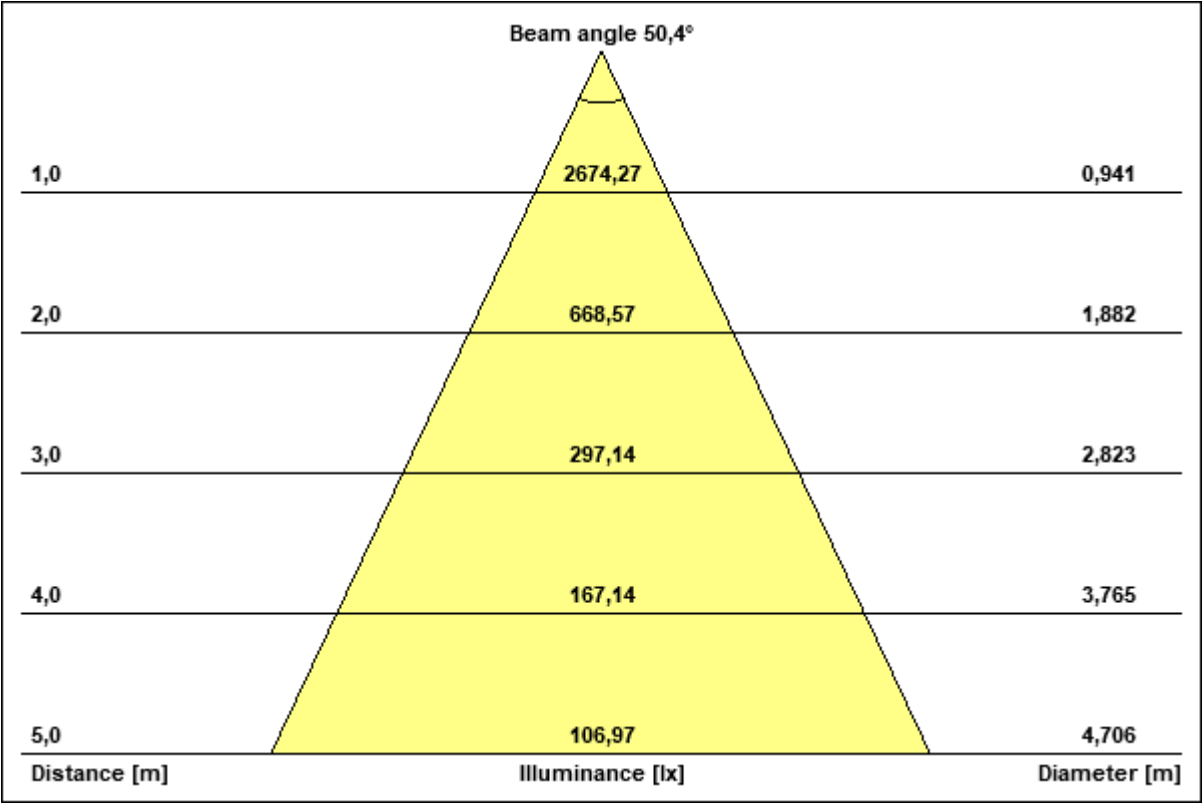
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

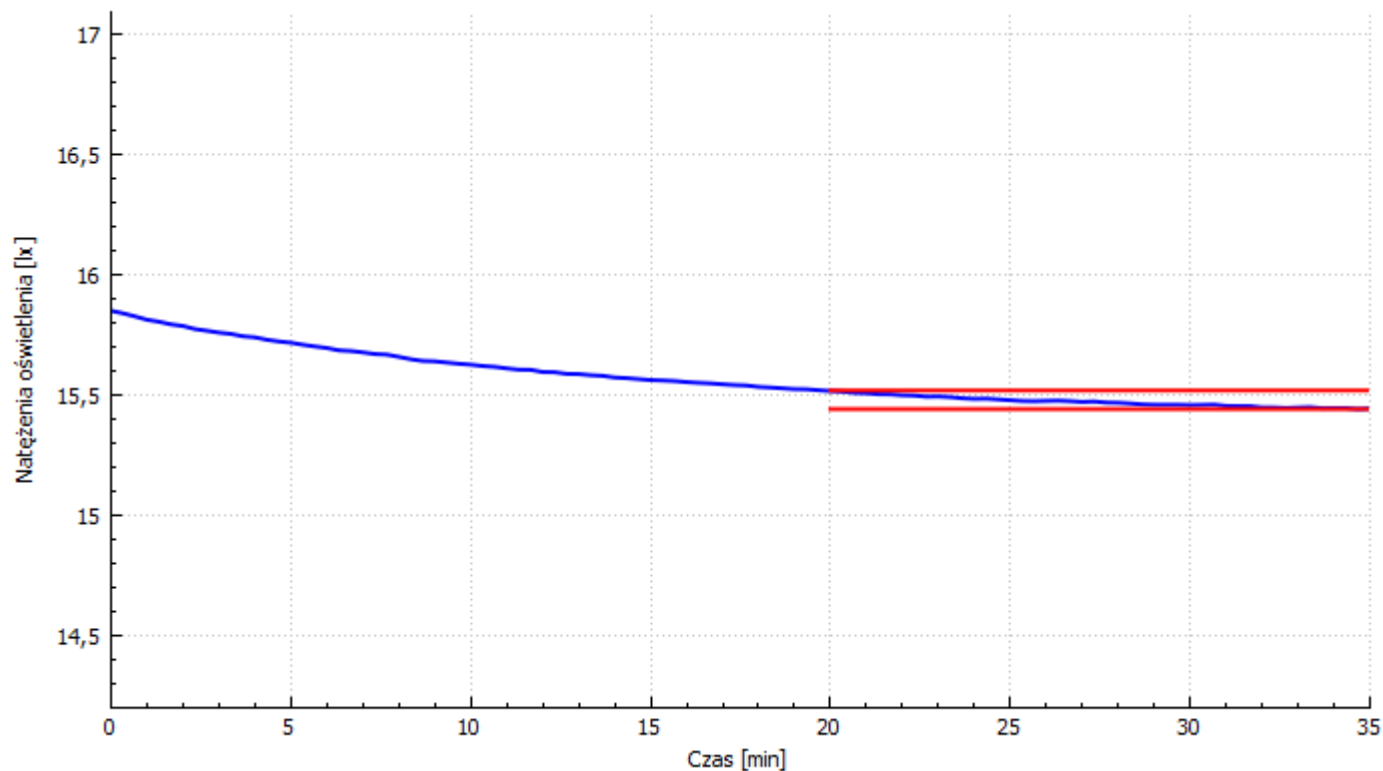
REGON 360317241

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

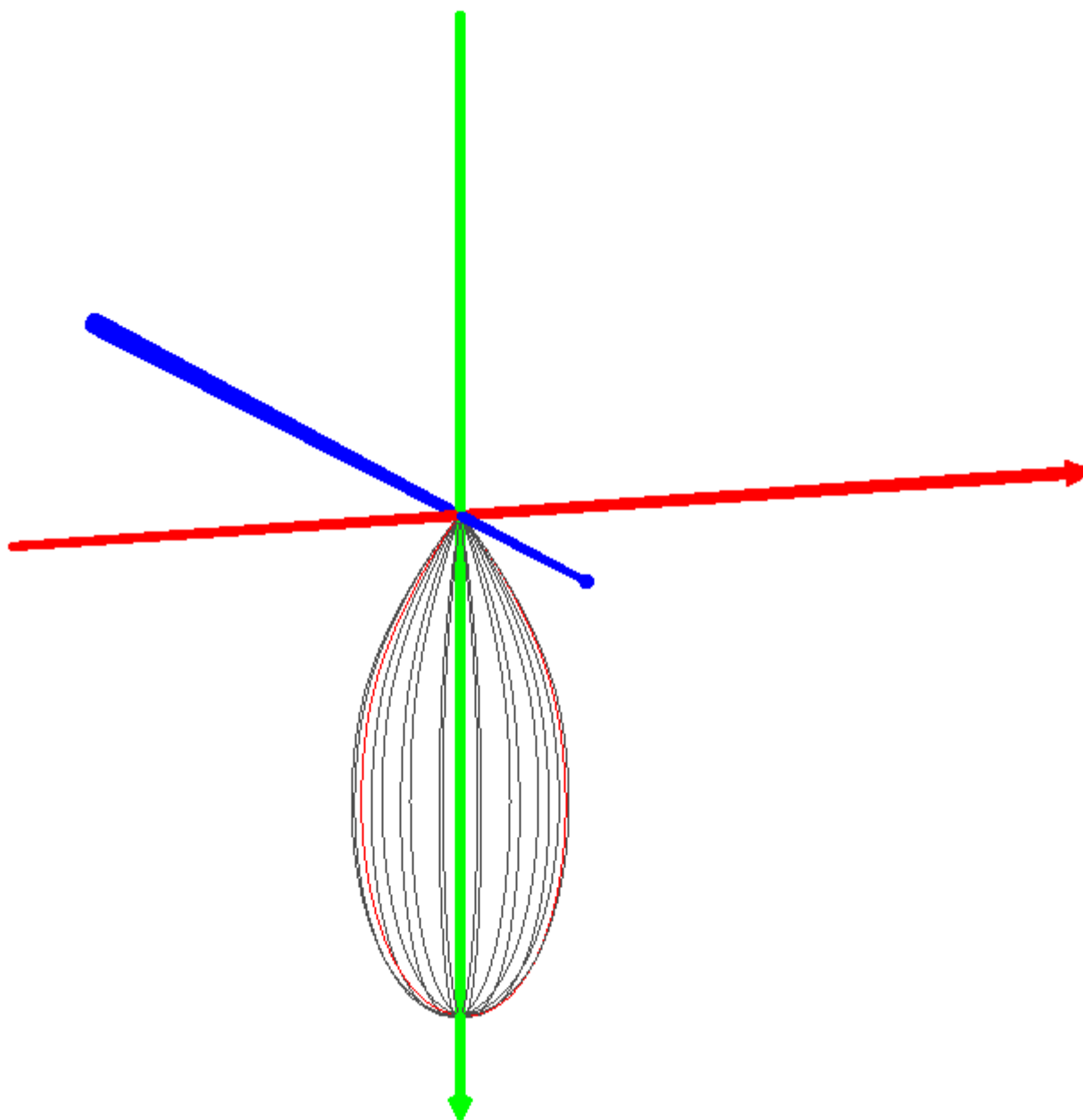
SWIFT BIC: RCBWPLPW

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