

## GL GONIOSPECTROMETER MEASUREMENT TAG LIST

### Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting Company*  
Model name: *ELSA TRACK MAGNETIC 7W 3000K GO*  
Item No: *AZ4635*  
Serial No.:  
Made by: *Adam Nawrot*

### Eulumdat Fields

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#### Dimensions of luminaire

Company: *Azzardo*  
Report number: *1*  
LuminaireName: *ELSA TRACK MAGNETIC 7W 3000K*  
LuminaireNumber: *AZ4635*  
FileName: *AZ4635.Idt*  
Date: *2021-06-02*

#### Dimensions of luminaire

Length: *100 mm*  
Width: *0 mm*  
Height: *1000 mm*

#### Dimensions of luminous area

Length: *100 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: 606,57 lm  
Color temperatur: 2992.73 K  
Color rendering index: 82,26  
Wattage including ballast: 8,54 W

**Utilization factors:**

k = 0.60	0,411
k = 0.80	0,478
k = 1.00	0,540
k = 1.25	0,598
k = 1.50	0,643
k = 2.00	0,715
k = 2.50	0,750
k = 3.00	0,780
k = 4.00	0,822
k = 5.00	0,850

**Electrical parameters**

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<i>U</i>	= 229,657 V
<i>I</i>	= 0,121 A
<i>P</i>	= 8,545 W
<i>Power factor</i>	= 0,306

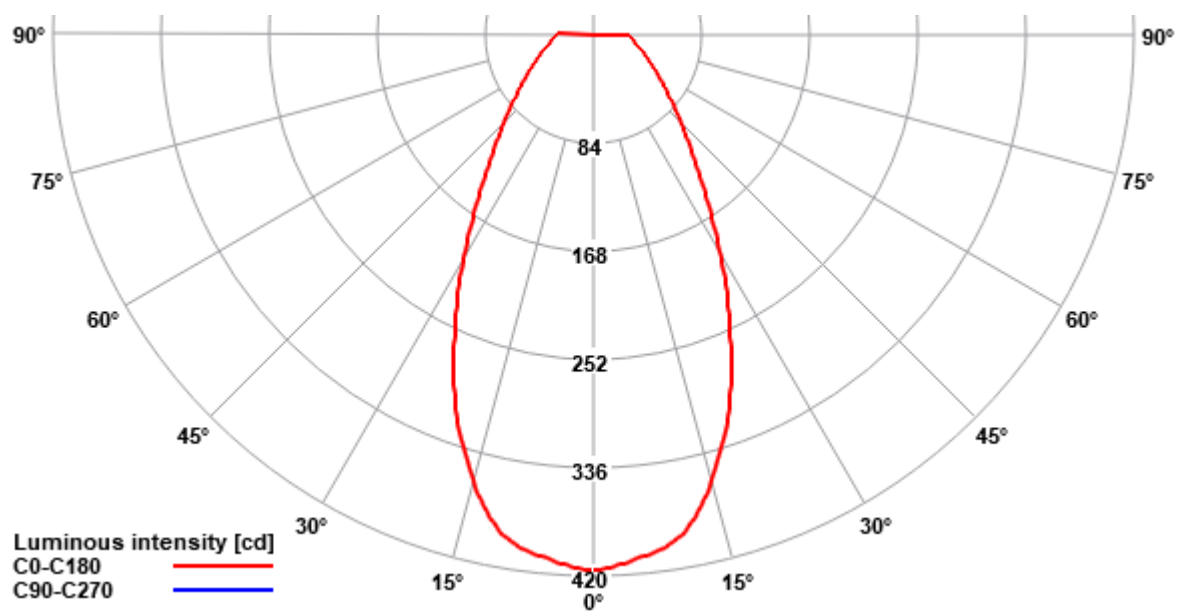
<i>Power apparent</i>	= 27,888 VA
<i>Power Reactive</i>	= -26,544 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

*Temperature* = 22 C

## Goniometric measurement results

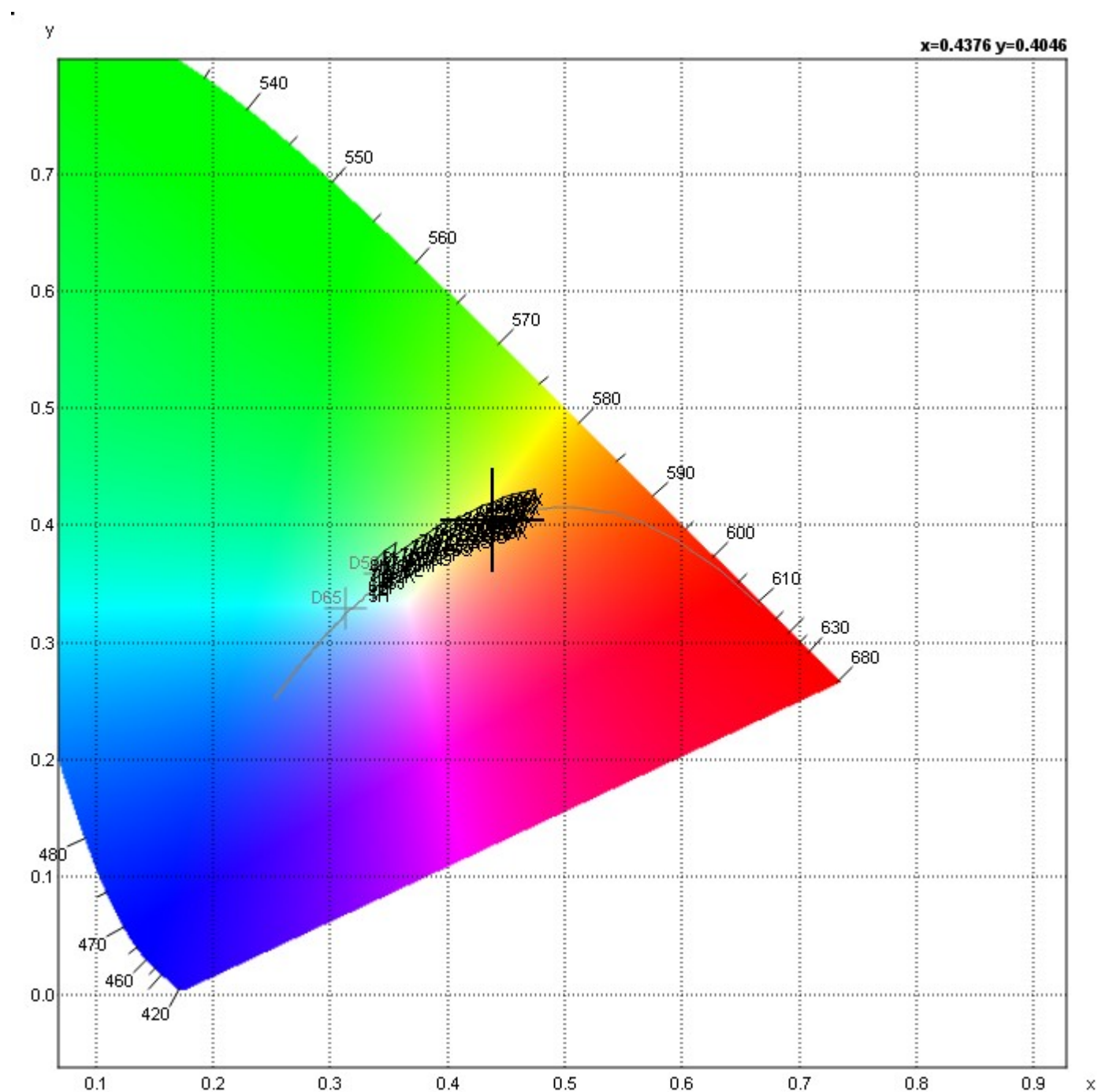
Total flux (utilized luminarie flux)	606,57 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	415,71 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	71,03 lm/W

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,4376  
y 0,4046  
Angular Colour Uniformity 0,0006



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

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Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

## Beam cone

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# Stabilization

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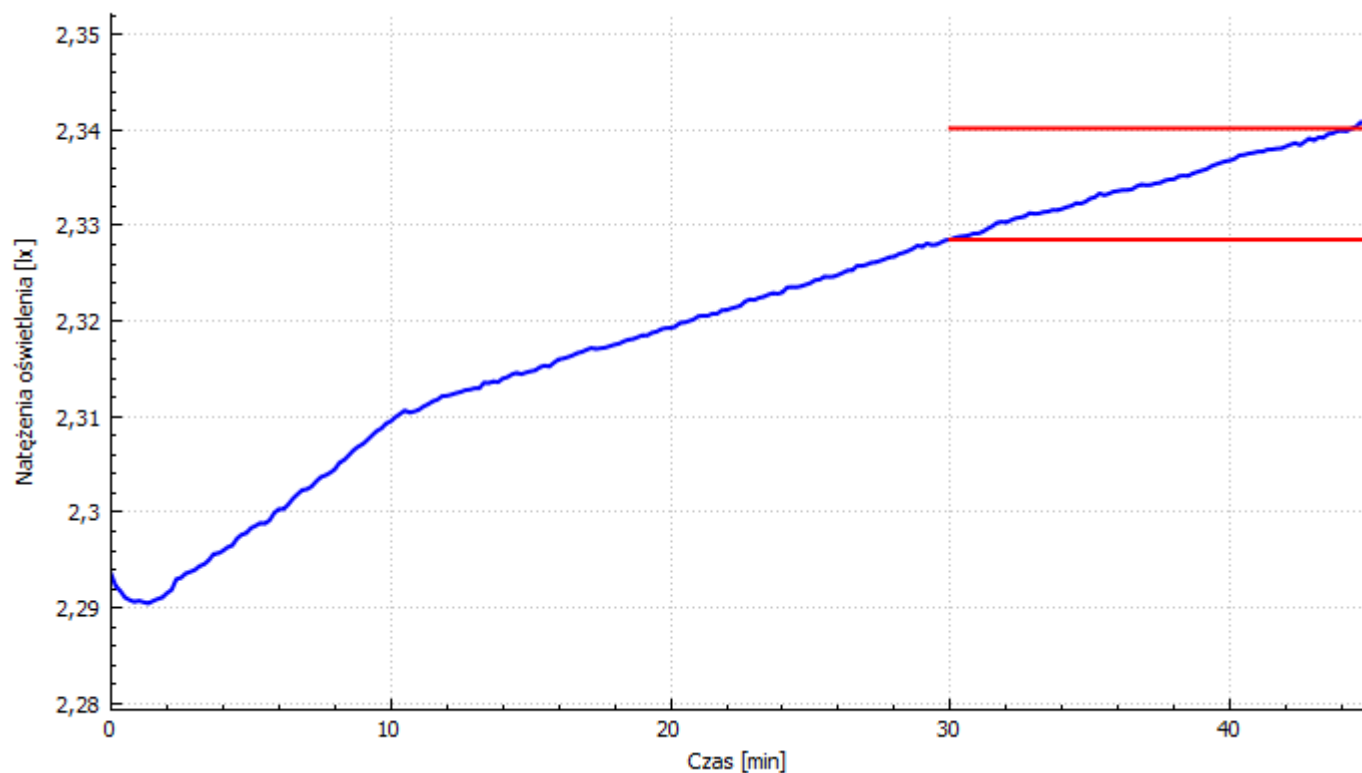
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## 3D Chart

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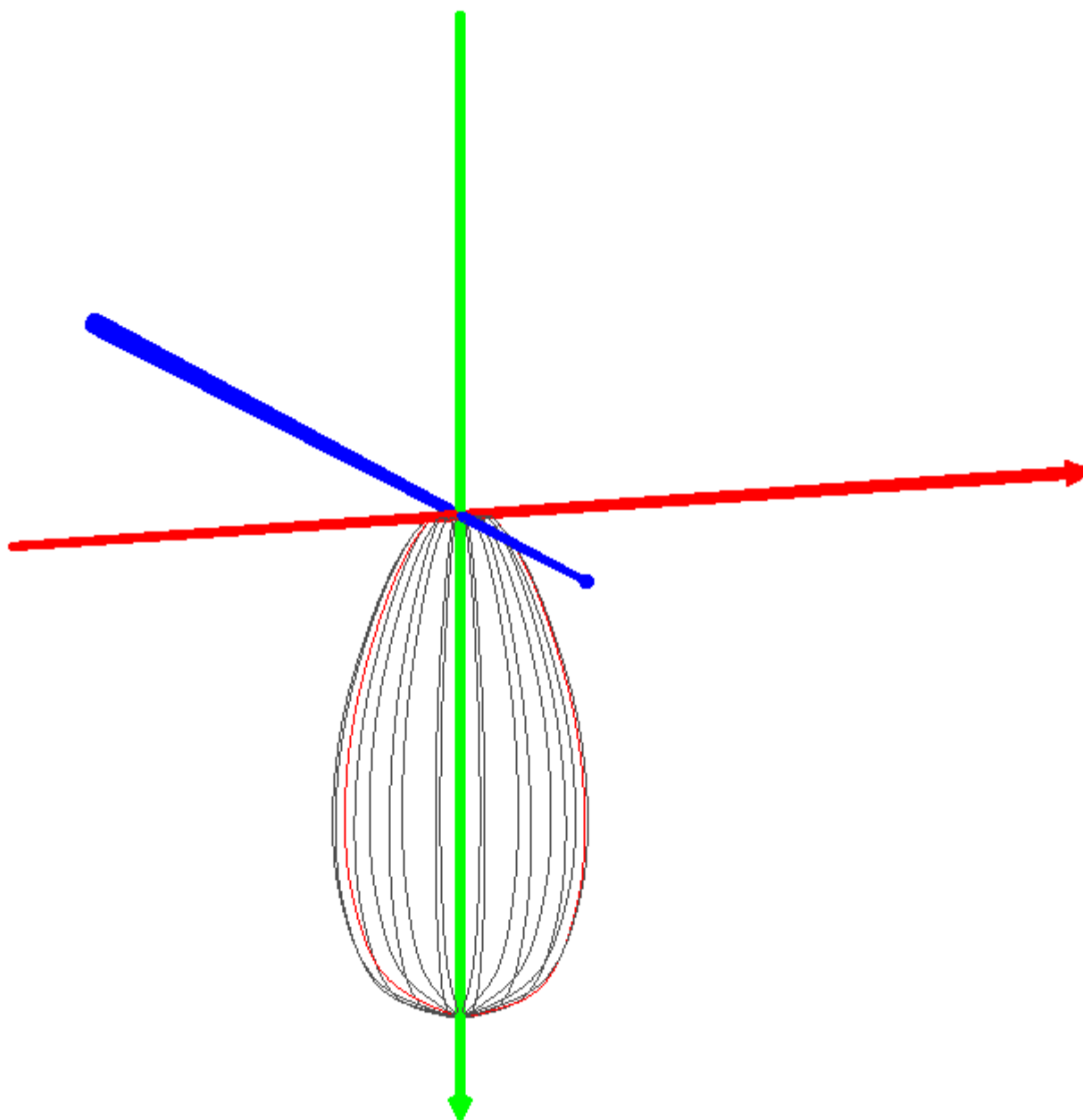
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## Legend

- - C0-C180
- - C90-C270
- - G0-G180

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## 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

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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

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