

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *AZ5503_3000*

Item No: *AZ5503_3000*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ5503_3000*

LuminaireName: *AZ5503_3000*

LuminaireNumber: *AZ5503_3000*

FileName: *AZ5503_3000.ldt*

Date: *2023-02-24*

Dimensions of luminaire

Length: *220 mm*

Width: *22 mm*

Height: *52 mm*

Dimensions of luminous area

Length: *216 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
Type of lamps:
Total luminous flux: 450,77 lm
Color temperatur: 2679 K
Color rendering index: 93,74
Wattage including ballast: 10,91 W

Utilization factors:

k = 0.60	0,707
k = 0.80	0,753
k = 1.00	0,803
k = 1.25	0,840
k = 1.50	0,868
k = 2.00	0,920
k = 2.50	0,929
k = 3.00	0,942
k = 4.00	0,963
k = 5.00	0,976

Electrical parameters

<i>U</i>	= 229,694 V
<i>I</i>	= 0,169 A
<i>P</i>	= 10,913 W
<i>Power factor</i>	= 0,287

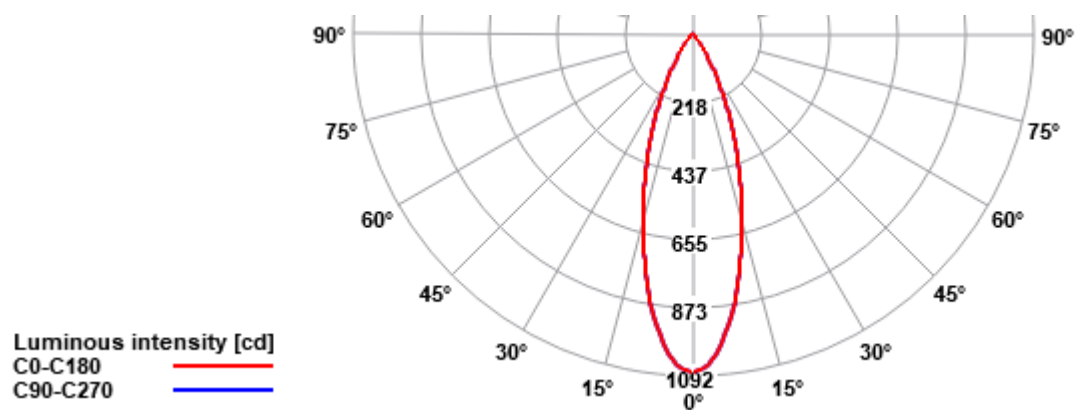
<i>Power apparent</i>	= 37,611 VA
<i>Power Reactive</i>	= -36,096 var
<i>Frequency Voltage</i>	= 50,003 Hz
<i>THD</i>	= 0,000 %

Temperature = 25 C

Goniometric measurement results

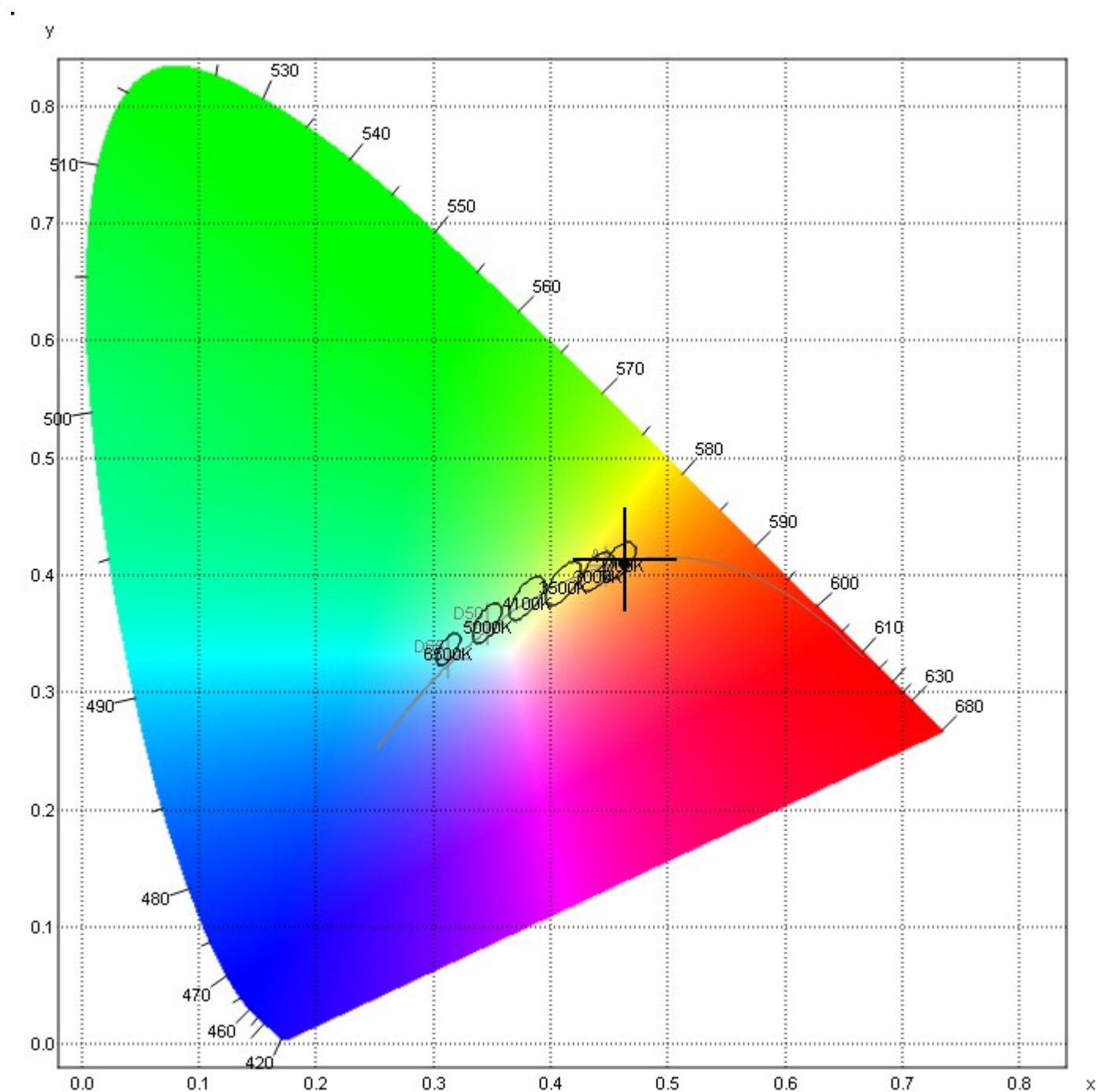
Total flux (utilized luminarie flux)	450,77 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1080,83 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	41,32 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4630
y 0,4136
Angular Colour Uniformity 0,0019



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

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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

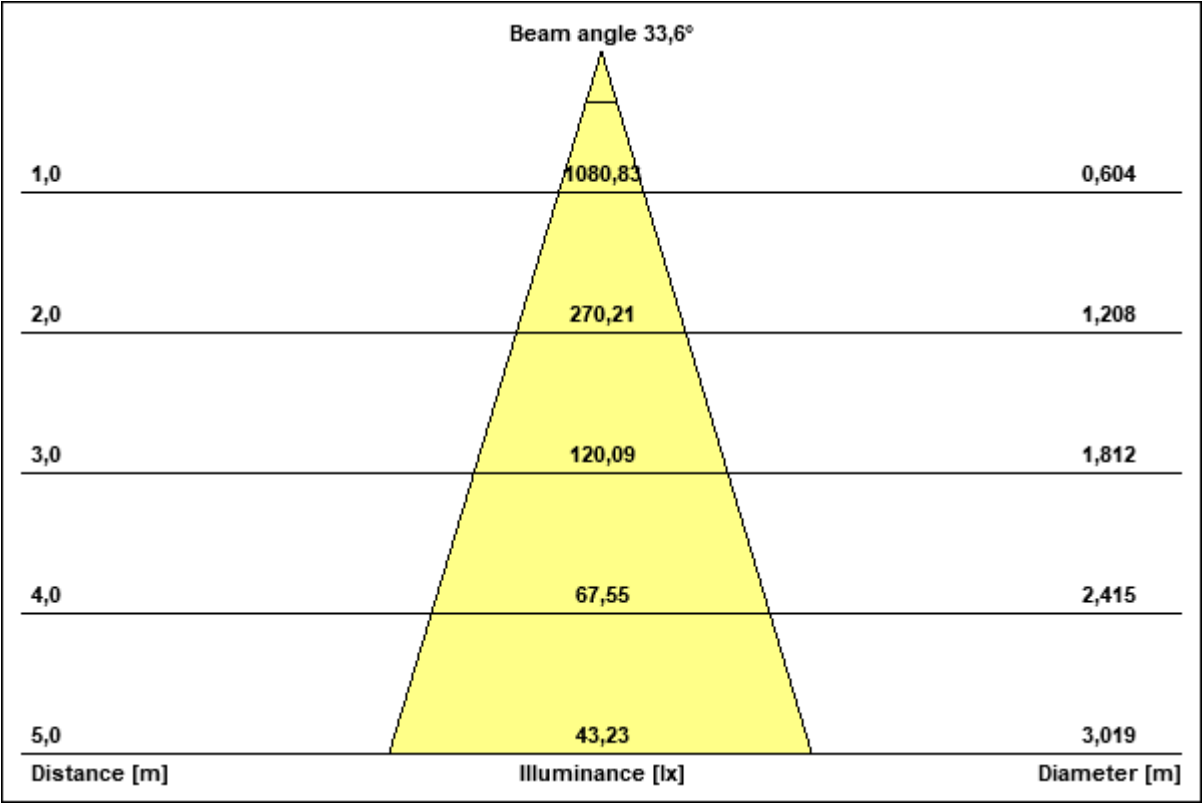
NIP: 783-171-97-20

REGON 360317241

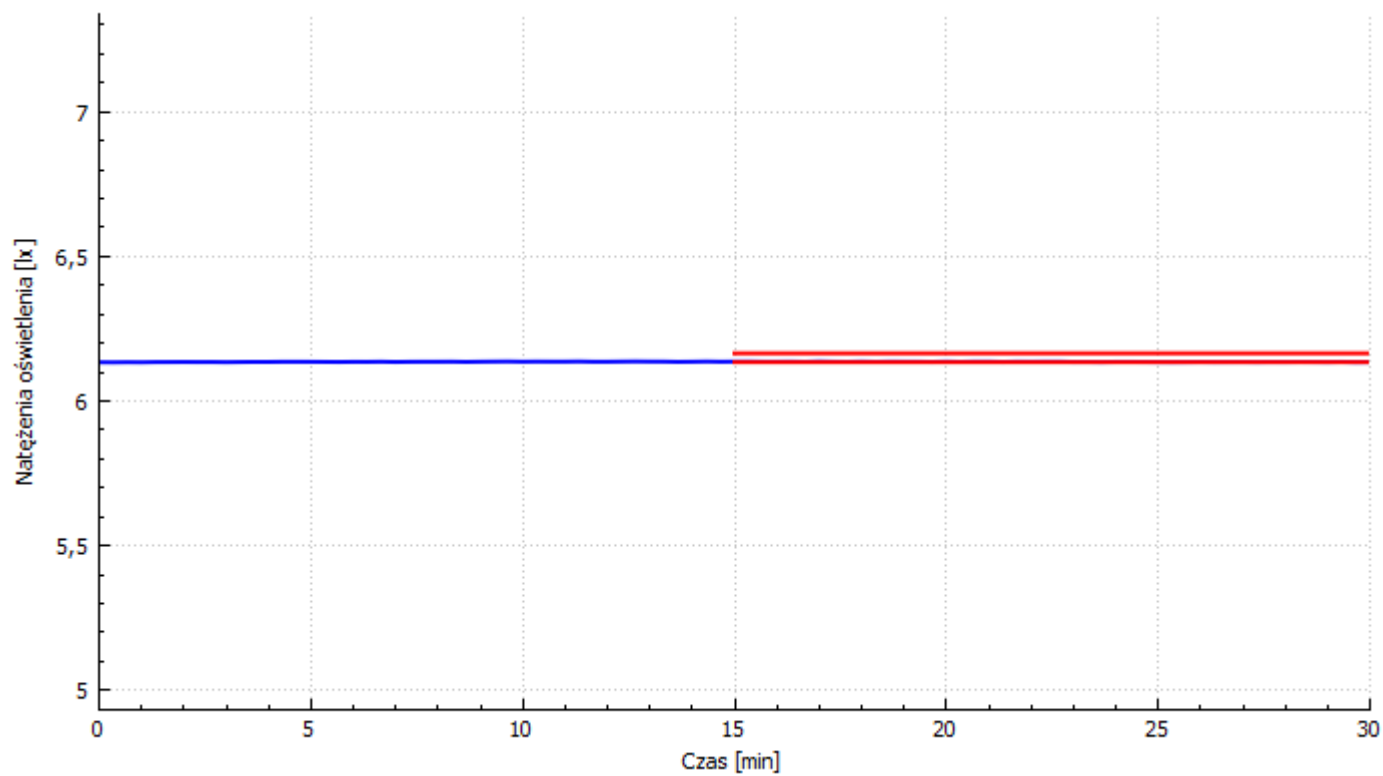
KRS: 0000537079

Kapitał 200.000 PLN

Beam cone



Stabilization



3D Chart

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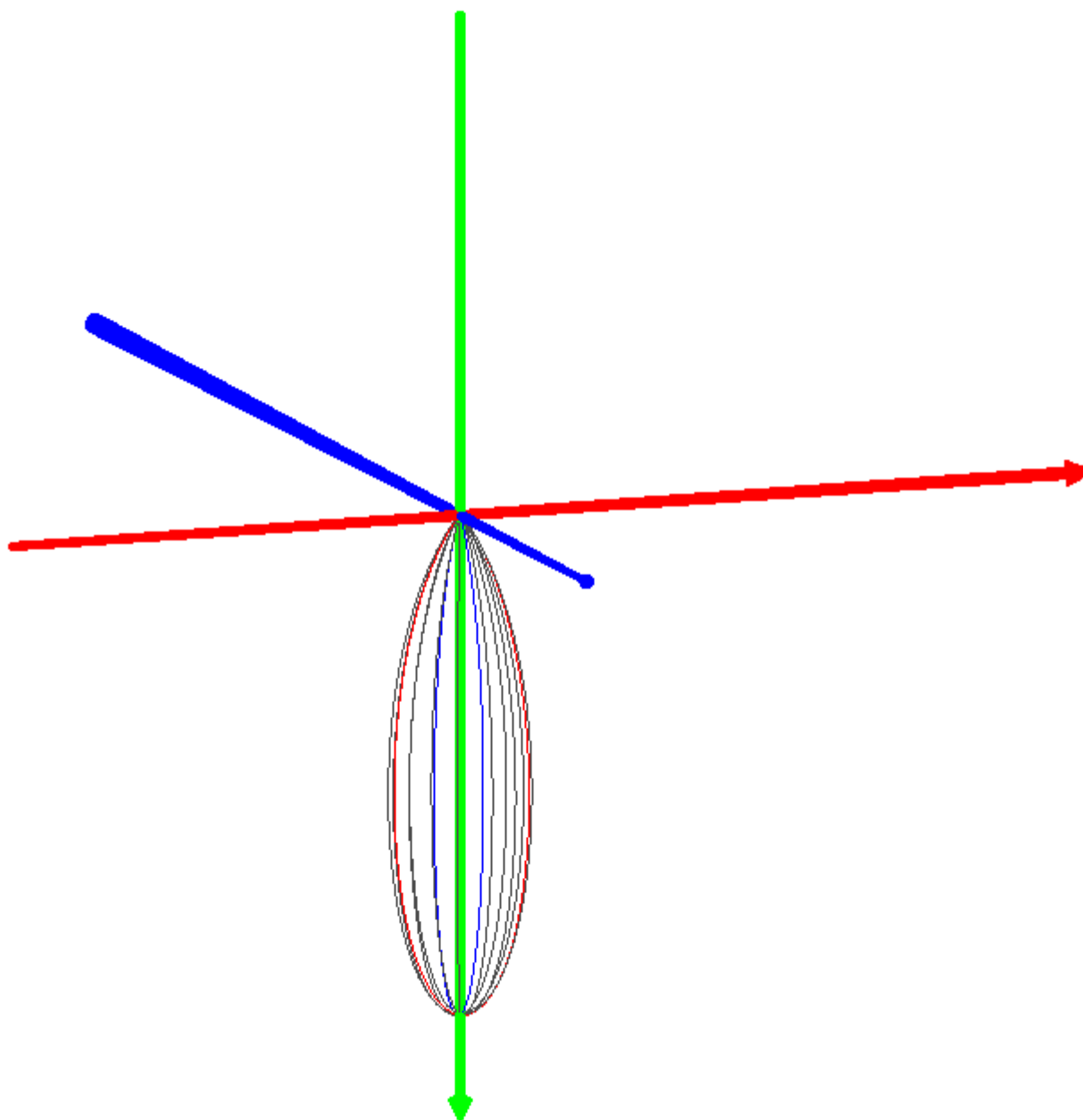
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Legend

- - 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
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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