

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Nazar Wall 30*

Item No: *AZ6530*

Serial No.: *AZ6530*

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6530*

LuminaireName: *Nazar Wall 30*

LuminaireNumber: *AZ6530*

FileName: *AZ6530.ldt*

Date: *2025-07-15*

Dimensions of luminaire

Length: *300 mm*

Width: *0 mm*

Height: *100 mm*

Dimensions of luminous area

Length: *300 mm*

Width: *0 mm*

C0-plane *0 mm*

C90-plane *0 mm*

C180-plane *0 mm*

C270-plane *0 mm*

Lamps:

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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

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 158,88 lm
Color temperatur: 3191 K
Color rendering index: 77,73
Wattage including ballast: 11,75 W

Utilization factors:

k = 0.60	0,214
k = 0.80	0,301
k = 1.00	0,378
k = 1.25	0,455
k = 1.50	0,516
k = 2.00	0,610
k = 2.50	0,666
k = 3.00	0,709
k = 4.00	0,768
k = 5.00	0,806

Electrical parameters

<i>U</i>	= 229,669 V
<i>I</i>	= 0,066 A
<i>P</i>	= 11,749 W
<i>Power factor</i>	= 0,770

<i>Power apparent</i>	= 15,266 VA
<i>Power Reactive</i>	= -9,748 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 52,401 %

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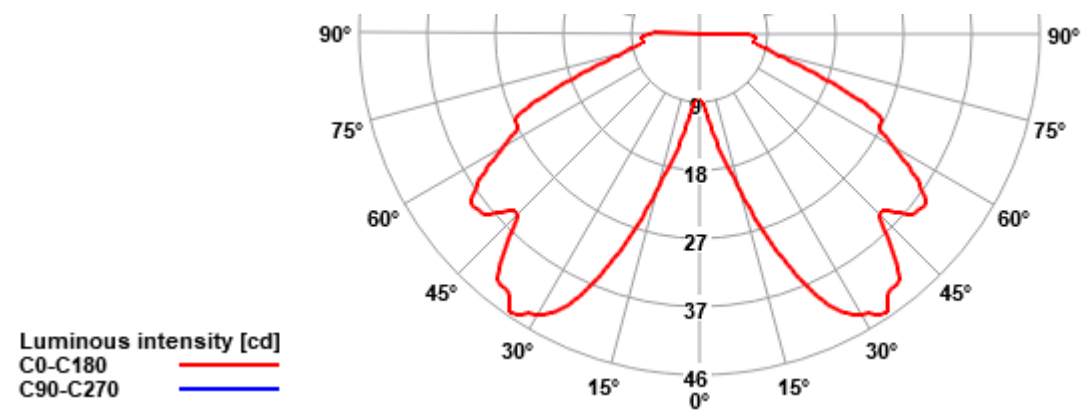
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	158,88 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	45,19 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	13,52 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4307
y	0,4146
Angular Colour Uniformity	0,0239

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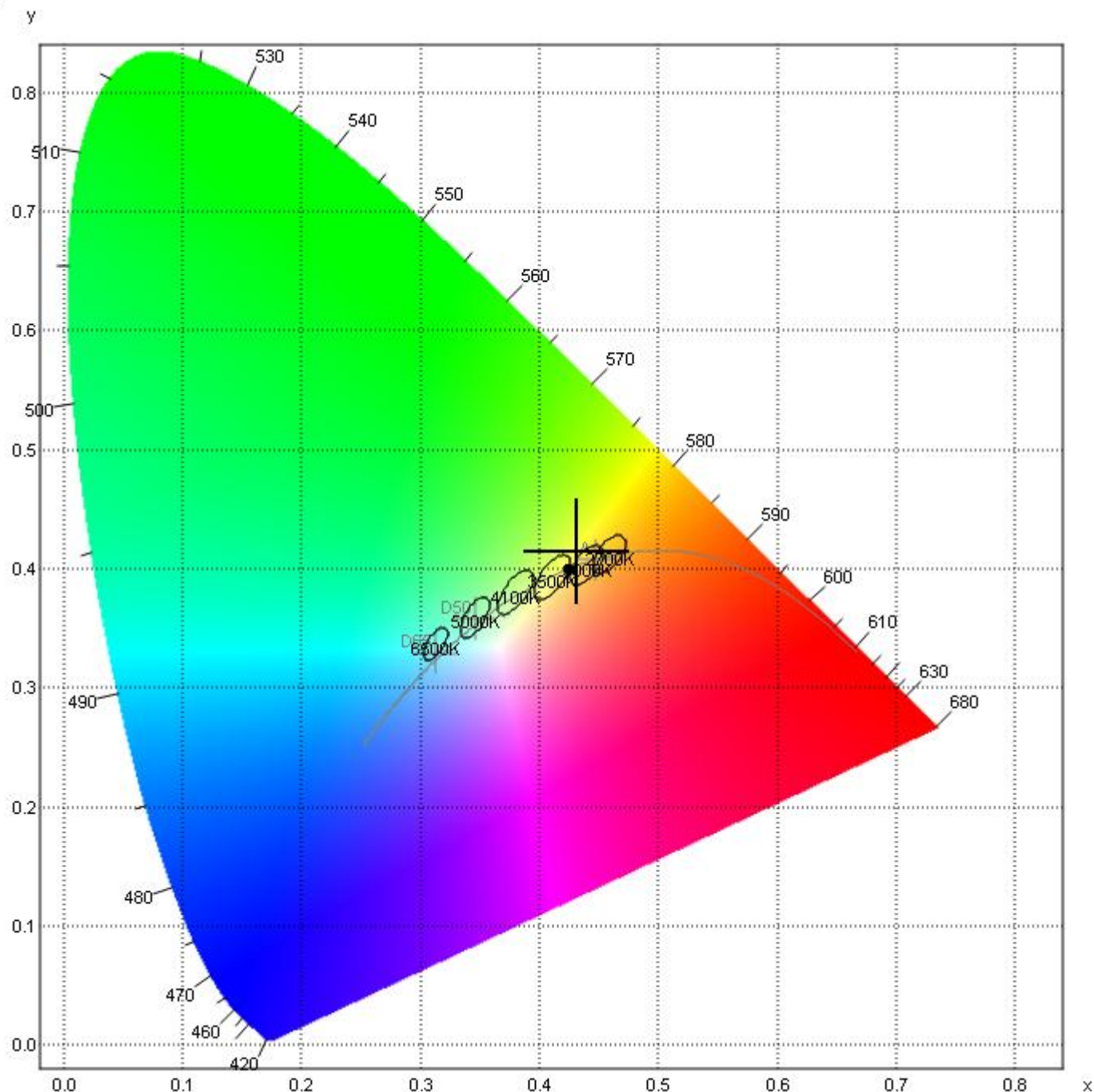
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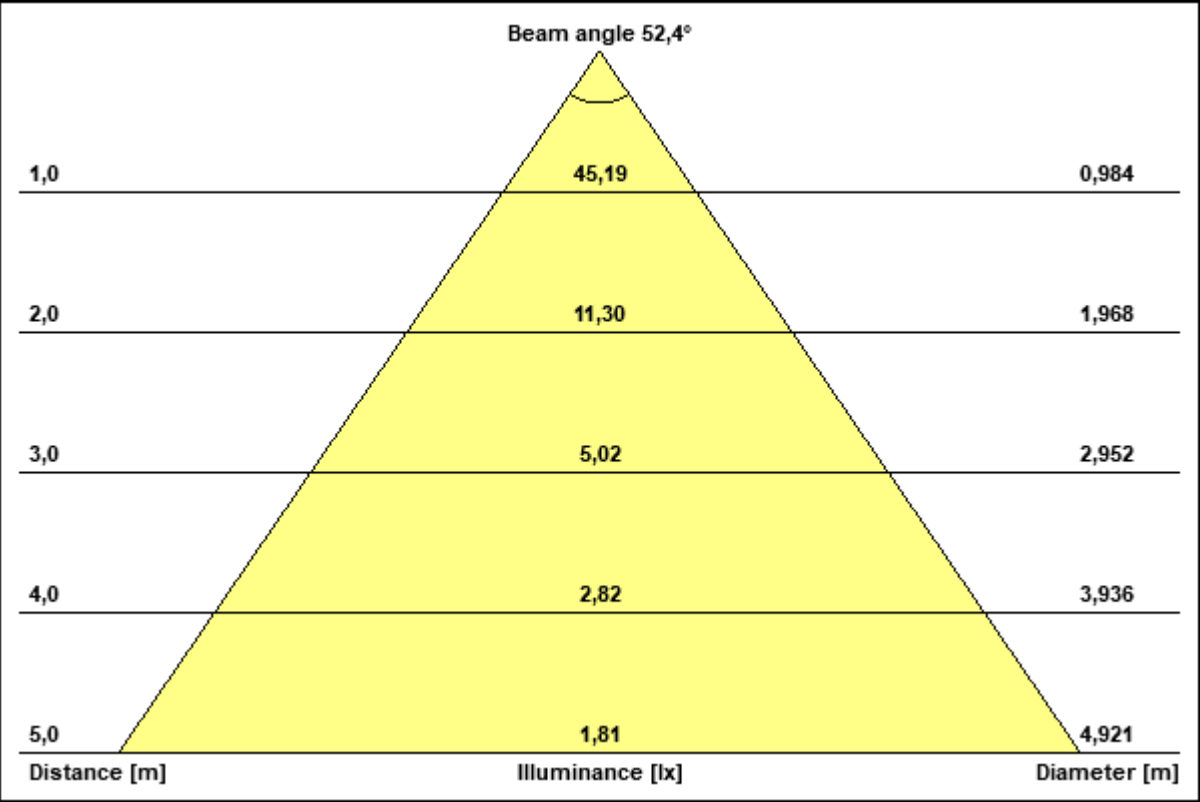
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Beam cone



Stabilization

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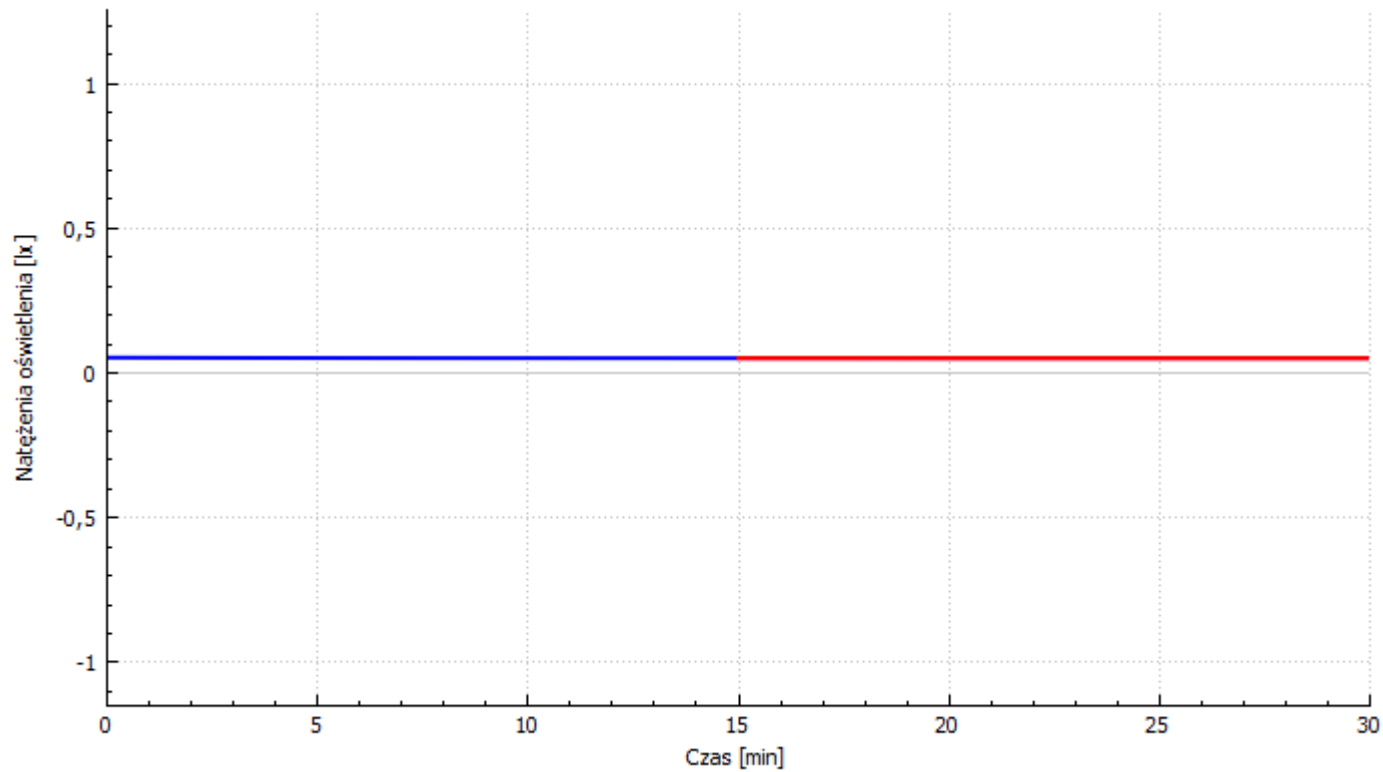
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3D Chart

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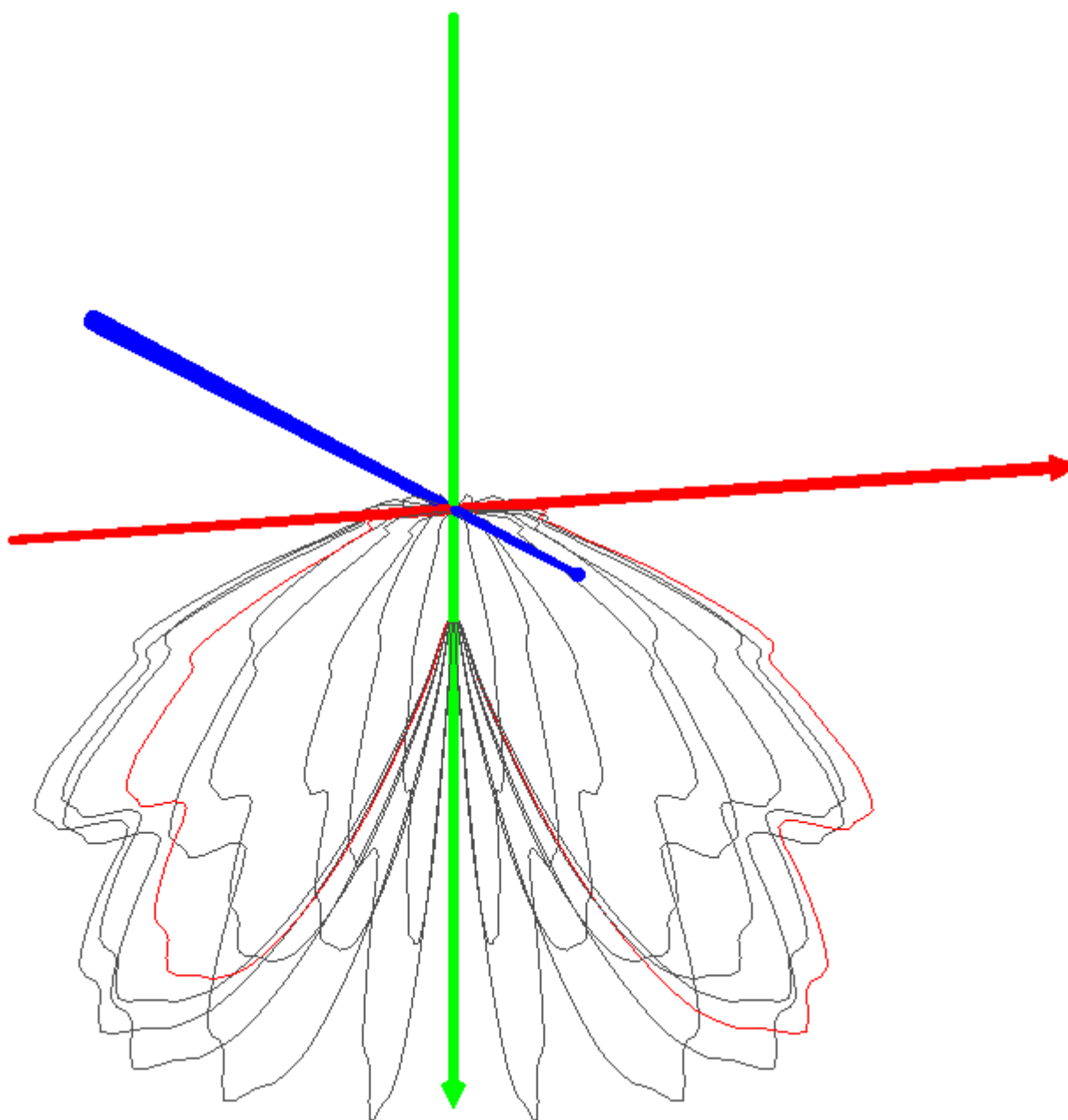
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00338	0	0
1	100,000	100,000	100,000
2	0,00746	0	0
3	0,00221	30,761	-0,000715
4	0,00285	0	0
5	0,0107	21,926	0,000807
6	0,00184	0	0
7	0	12,192	0
8	0,000887	0	0
9	0,00762	18,745	0,00101
10	0,00126	0	0
11	0,00217	13,089	0,000101
12	0	0	0
13	0,00739	14,335	0,000145
14	0,000905	0	0
15	0,00114	3,400	0
16	0	0	0
17	0,00542	4,500	2,77e-05
18	0	0	0
19	0,00358	6,152	1,52e-05
20	0	0	0

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21	0,00742	9,640	0,000156
22	0,000925	0	0
23	0,00428	6,245	0,00017
24	0	0	0
25	0,00825	7,623	4,59e-05
26	0	0	0
27	0,00197	1,033	-1,56e-06
28	0	0	0
29	0,00628	4,403	9,95e-05
30	0	0	0
31	0,00502	5,305	7,19e-06
32	0	0	0
33	0,00943	7,444	0,000102
34	0	0	0
35	0,00395	3,571	2,65e-05
36	0	0	0
37	0,00566	3,346	2,07e-05
38	0	0	0
39	0,00349	2,036	-1,17e-05
40	0	0,0381	0
41	0,00872	4,274	1,55e-05
42	0	0	0
43	0,00499	3,578	-1,86e-06
44	0	0	0
45	0,0088	4,267	-1,67e-05
46	0	0	0
47	0,00225	0,766	9,9e-06
48	0	0,0399	0
49	0,00188	0,990	2,08e-06
50	0	0	0

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