

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Nazar Wal 20l*

Item No: *AZ6529*

Serial No.: *AZ6529*

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6529*

LuminaireName: *Nazar Wall 20*

LuminaireNumber: *AZ6529*

FileName: *AZ6529.ldt*

Date: *2025-07-15*

Dimensions of luminaire

Length: *200 mm*

Width: *0 mm*

Height: *90 mm*

Dimensions of luminous area

Length: *200 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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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: 120,61 lm
Color temperatur: 2849 K
Color rendering index: 77,12
Wattage including ballast: 11,68 W

Utilization factors:

k = 0.60	0,237
k = 0.80	0,331
k = 1.00	0,410
k = 1.25	0,487
k = 1.50	0,546
k = 2.00	0,634
k = 2.50	0,685
k = 3.00	0,723
k = 4.00	0,774
k = 5.00	0,807

Electrical parameters

<i>U</i>	= 229,664 V
<i>I</i>	= 0,066 A
<i>P</i>	= 11,680 W
<i>Power factor</i>	= 0,768

<i>Power apparent</i>	= 15,201 VA
<i>Power Reactive</i>	= -9,727 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 51,972 %

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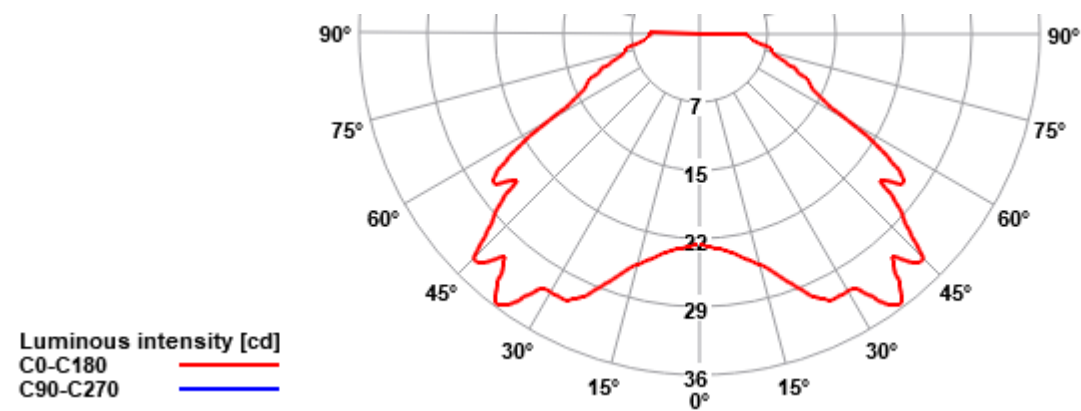
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	120,61 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	36,09 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	10,33 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4562
y	0,4232
Angular Colour Uniformity	0,0246

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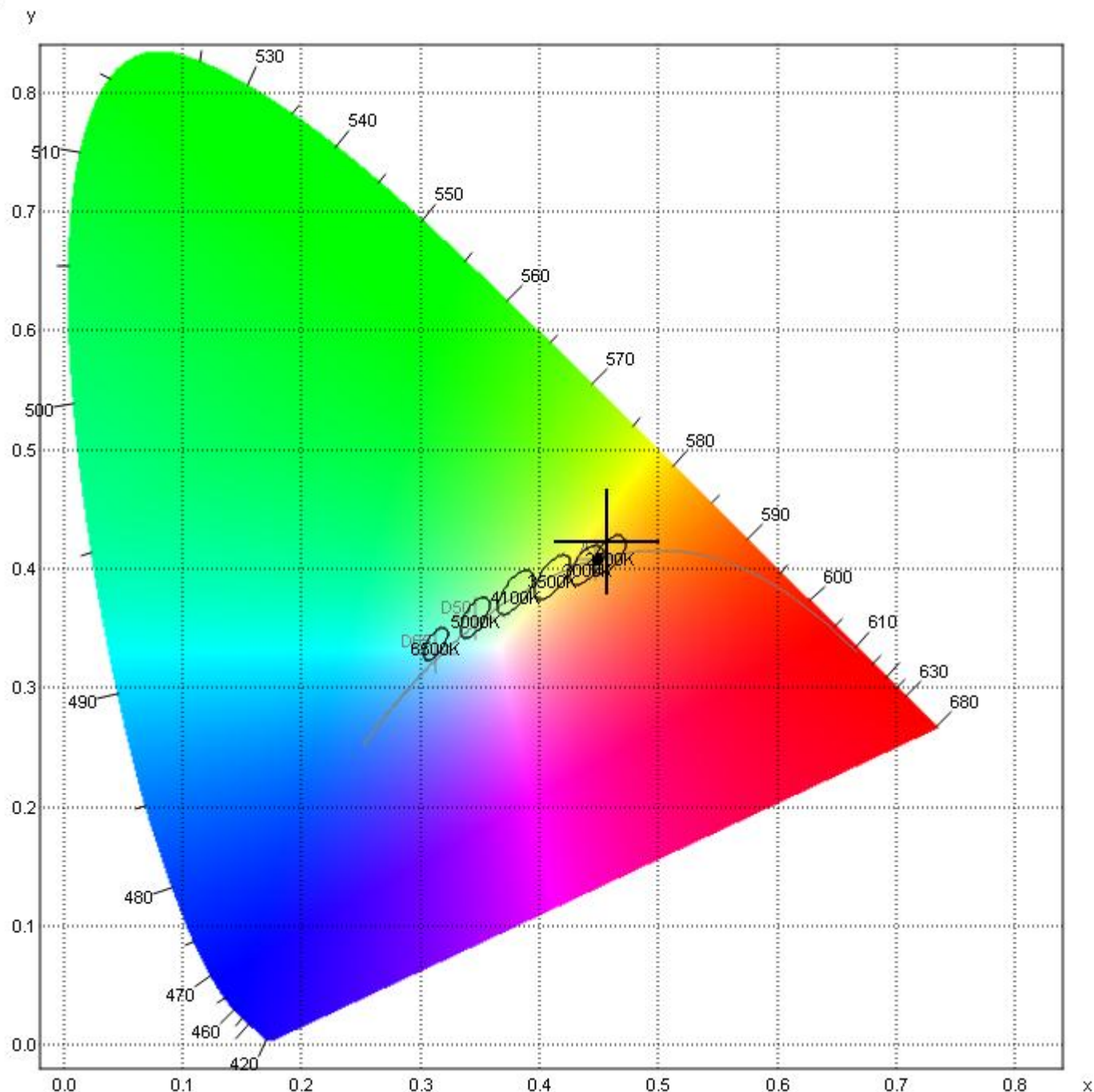
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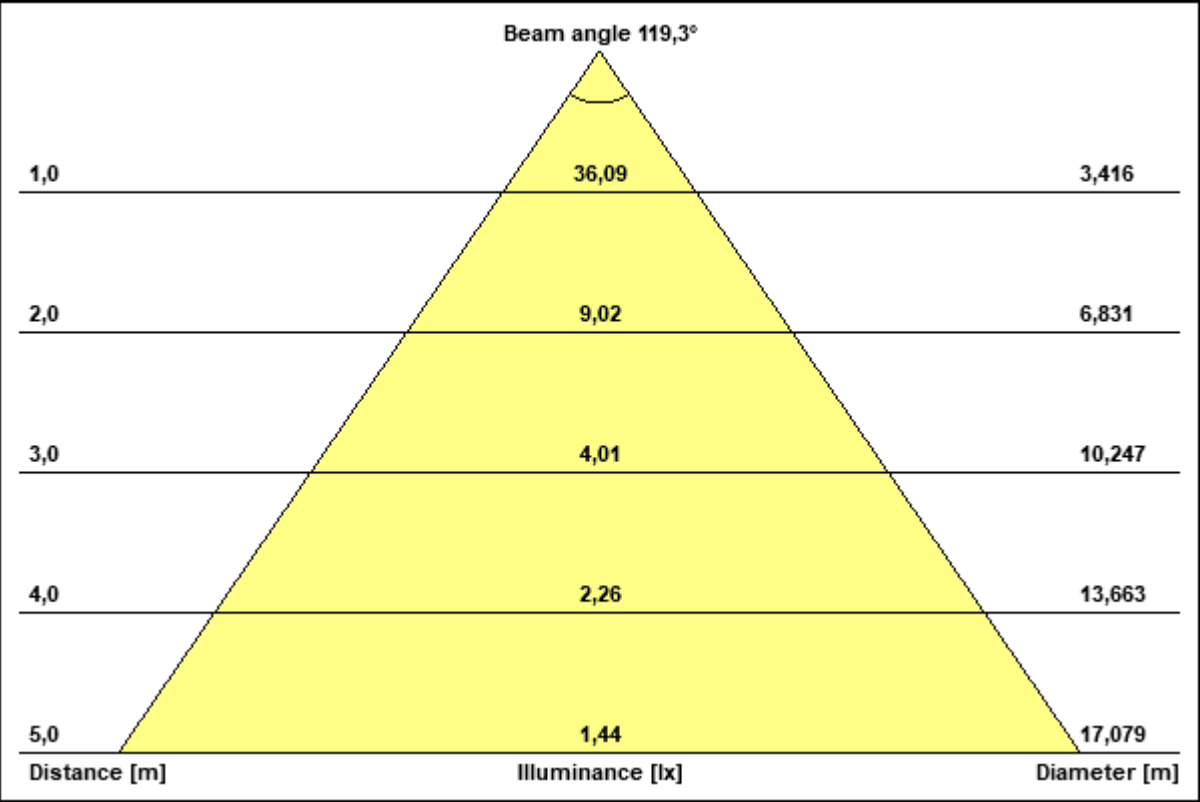
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Beam cone



Stabilization

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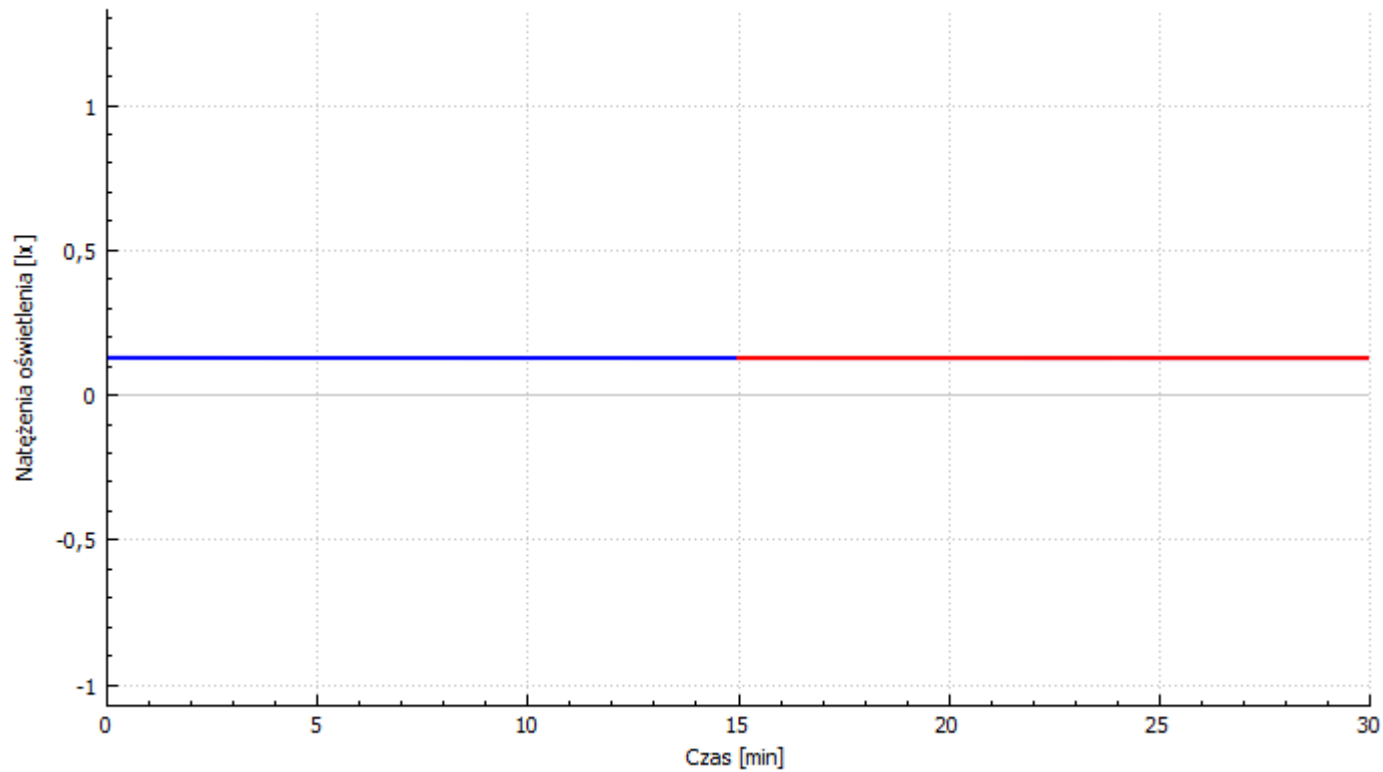
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3D Chart

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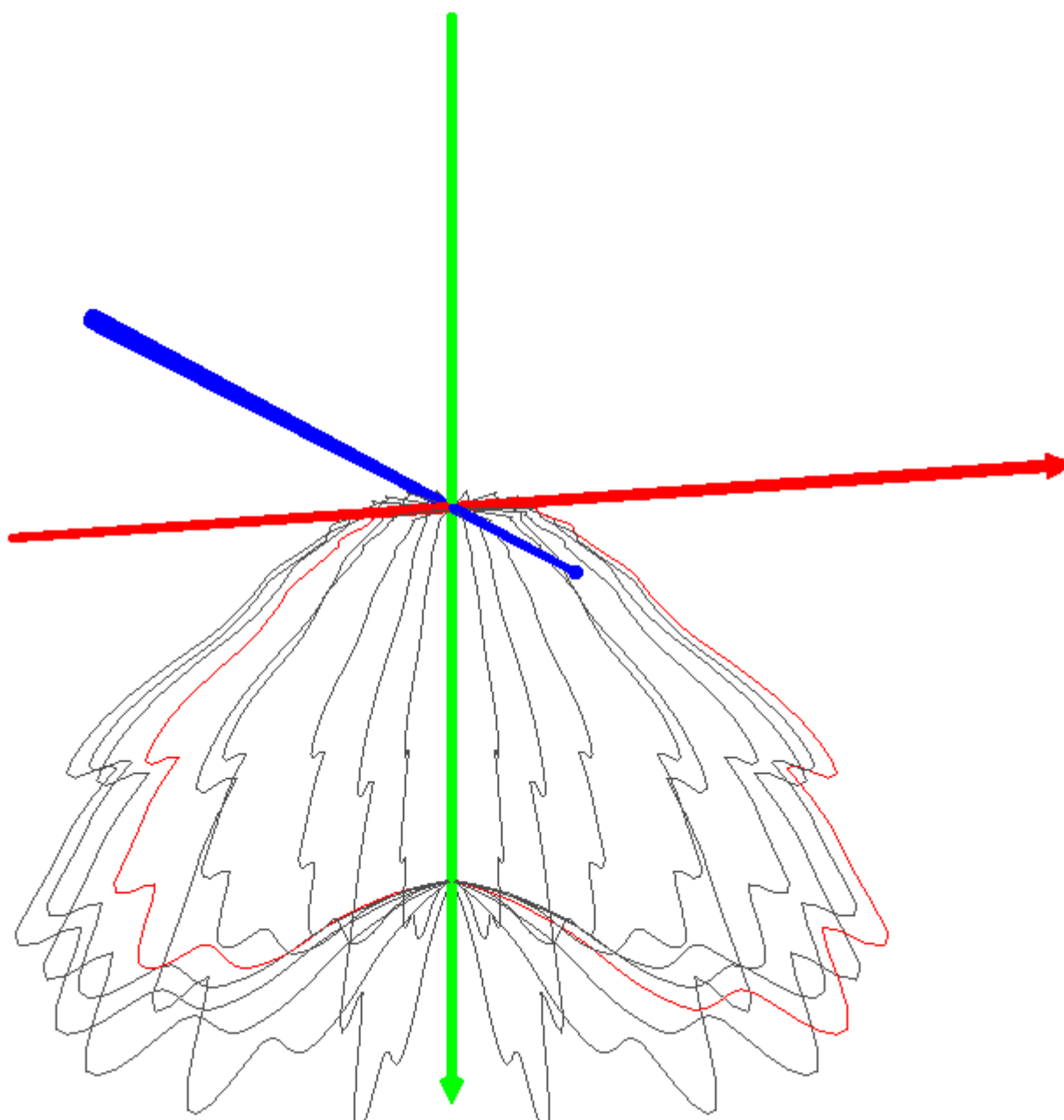
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00605	0	0
1	100,000	100,000	100,000
2	0,00628	0	0
3	0,00351	30,481	-0,000254
4	0,00246	0	0
5	0,0102	21,867	0,000577
6	0,00147	0	0
7	0	12,078	0
8	0,000923	0	0
9	0,00786	18,553	0,00092
10	0,00101	0	0
11	0,00193	12,863	-4,08e-05
12	0	0	0
13	0,00725	14,219	0,000168
14	0	0	0
15	0,000985	3,411	0
16	0	0	0
17	0,00526	4,440	5,55e-06
18	0	0	0
19	0,00375	5,940	-3,16e-05
20	0	0	0

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21	0,00771	9,523	0,000216
22	0	0	0
23	0,00407	6,076	0,000178
24	0	0	0
25	0,00824	7,573	9,97e-05
26	0	0	0
27	0,00178	0,978	7,96e-06
28	0	0	0
29	0,00595	4,197	8,98e-05
30	0	0	0
31	0,0049	4,918	2,84e-05
32	0	0	0
33	0,00995	7,410	0,000177
34	0	0	0
35	0,00424	3,682	2,91e-05
36	0	0	0
37	0,00587	3,581	-1,27e-05
38	0	0	0
39	0,00241	1,666	-1,19e-05
40	0,000857	0	0
41	0,00846	4,270	4,47e-07
42	0	0	0
43	0,00489	3,522	-4,8e-07
44	0	0,0376	0
45	0,00912	4,494	-2,66e-05
46	0	0	0
47	0,00255	1,027	8,56e-06
48	0	0,0382	0
49	0,00181	1,137	9,47e-07
50	0	0	0

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