

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Nazar Pendant 5*

Item No: *AZ6531*

Serial No.: *AZ6531*

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6531*

LuminaireName: *Nazar Pendant 5*

LuminaireNumber: *AZ6531*

FileName: *AZ6531.ldt*

Date: *2025-08-06*

Dimensions of luminaire

Length: *1120 mm*

Width: *220 mm*

Height: *1000 mm*

Dimensions of luminous area

Length: *1120 mm*

Width: *220 mm*

C0-plane *0 mm*

C90-plane *0 mm*

C180-plane *0 mm*

C270-plane *0 mm*

Lamps:

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

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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

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 997,80 lm
Color temperatur: 3107 K
Color rendering index: 79,70
Wattage including ballast: 56,55 W

Utilization factors:

k = 0.60	0,144
k = 0.80	0,216
k = 1.00	0,281
k = 1.25	0,350
k = 1.50	0,407
k = 2.00	0,497
k = 2.50	0,557
k = 3.00	0,604
k = 4.00	0,671
k = 5.00	0,716

Electrical parameters

U = 229,659 V
I = 0,256 A
P = 56,553 W
Power factor = 0,963

Power apparent = 58,730 VA
Power Reactive = -15,840 var
Frequency Voltage = 50,002 Hz
THD = 8,981 %

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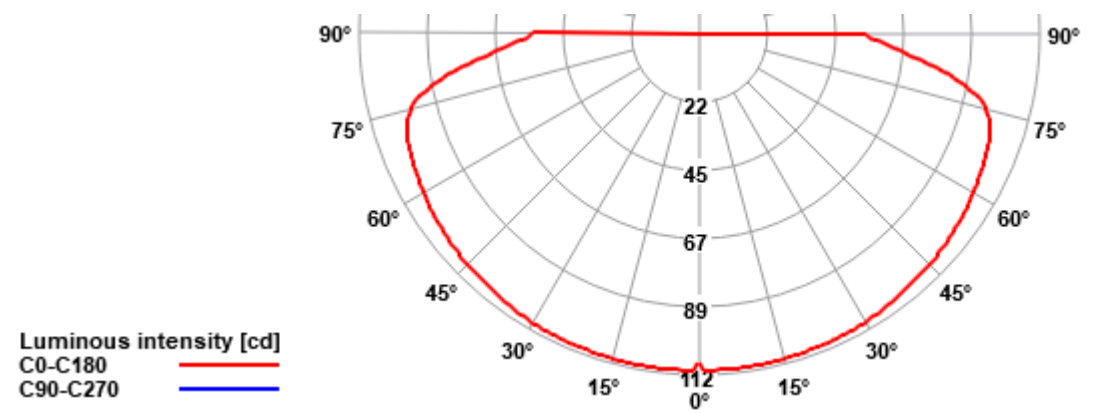
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	997,80 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	294,01 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	17,64 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4335
y	0,4102
Angular Colour Uniformity	0,0211

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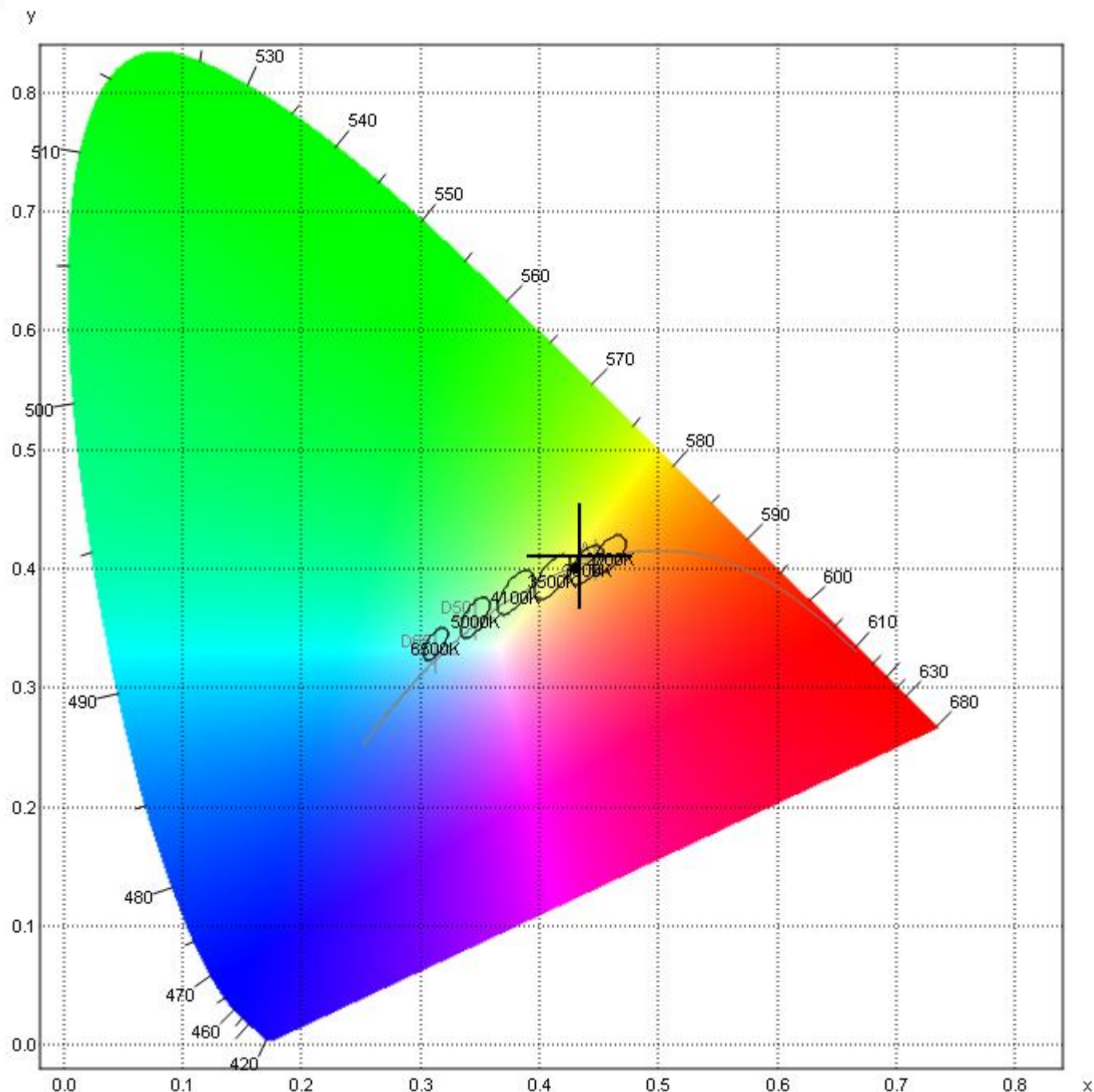
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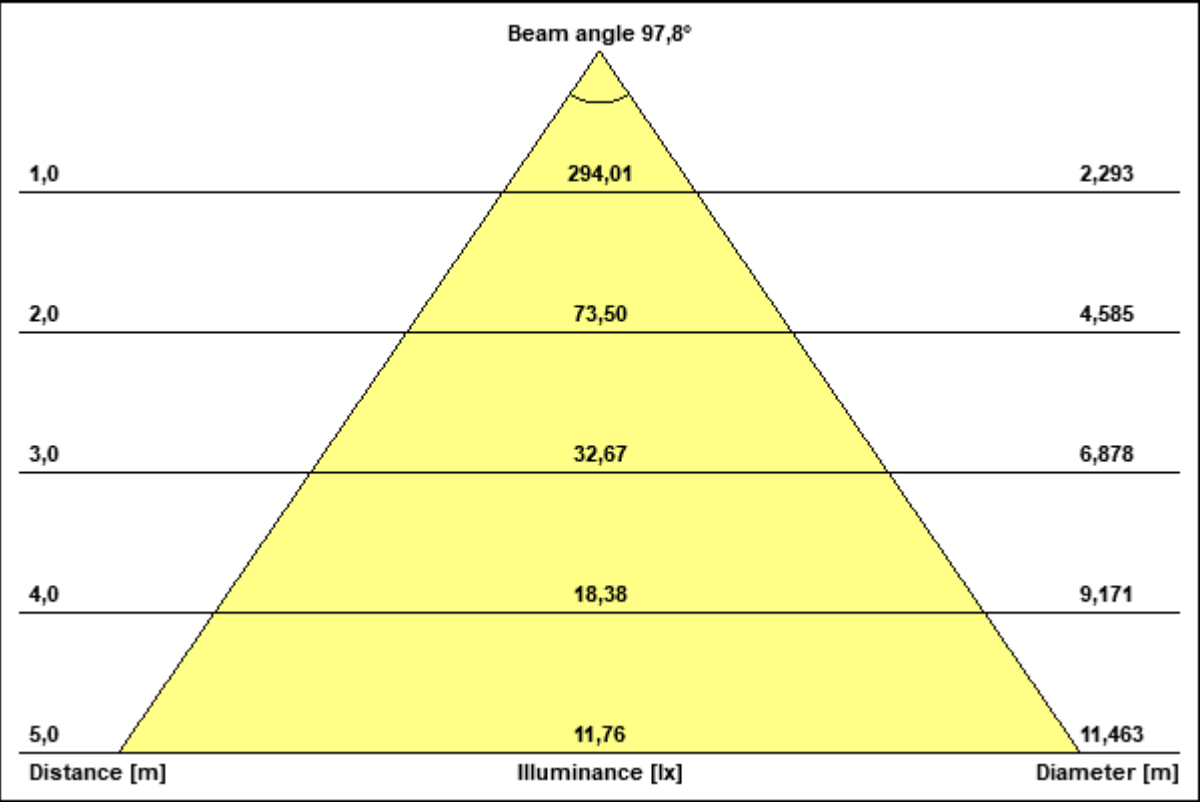
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Beam cone



Stabilization

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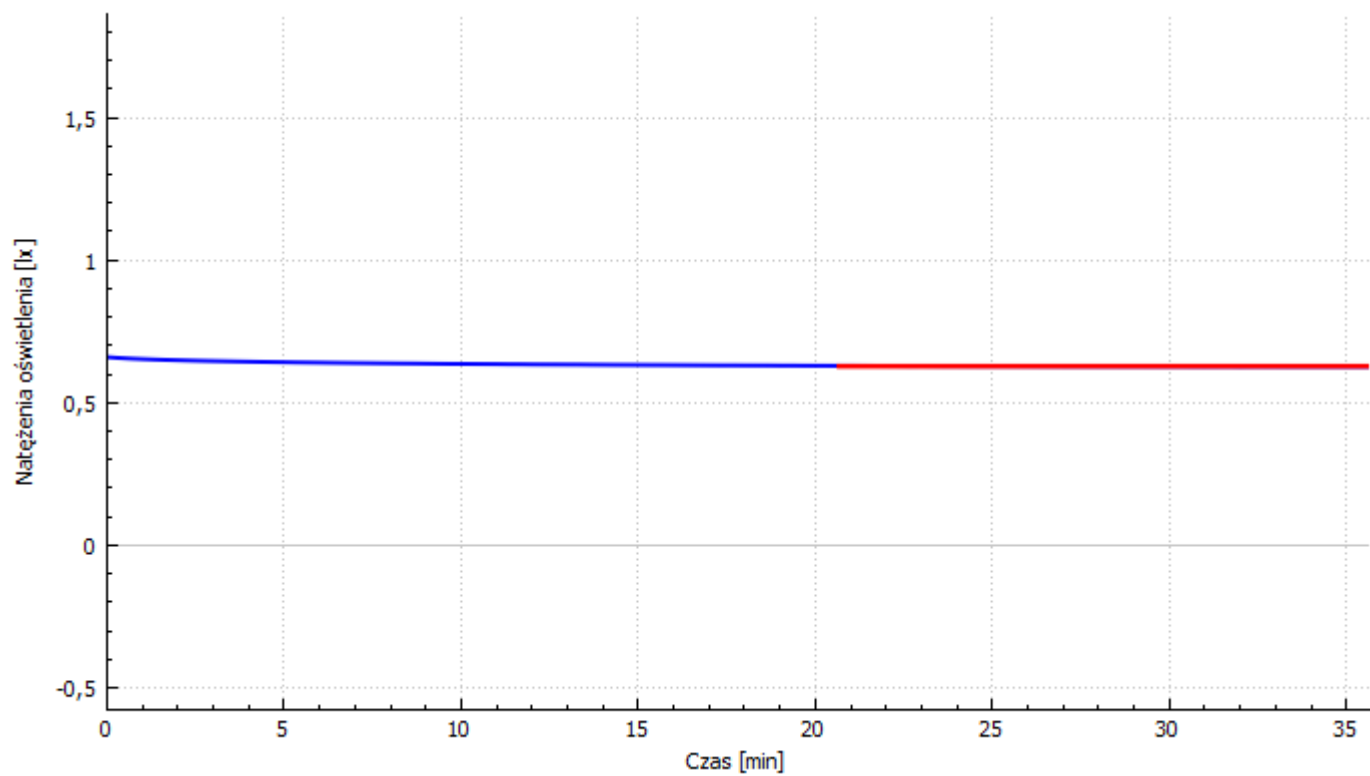
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3D Chart

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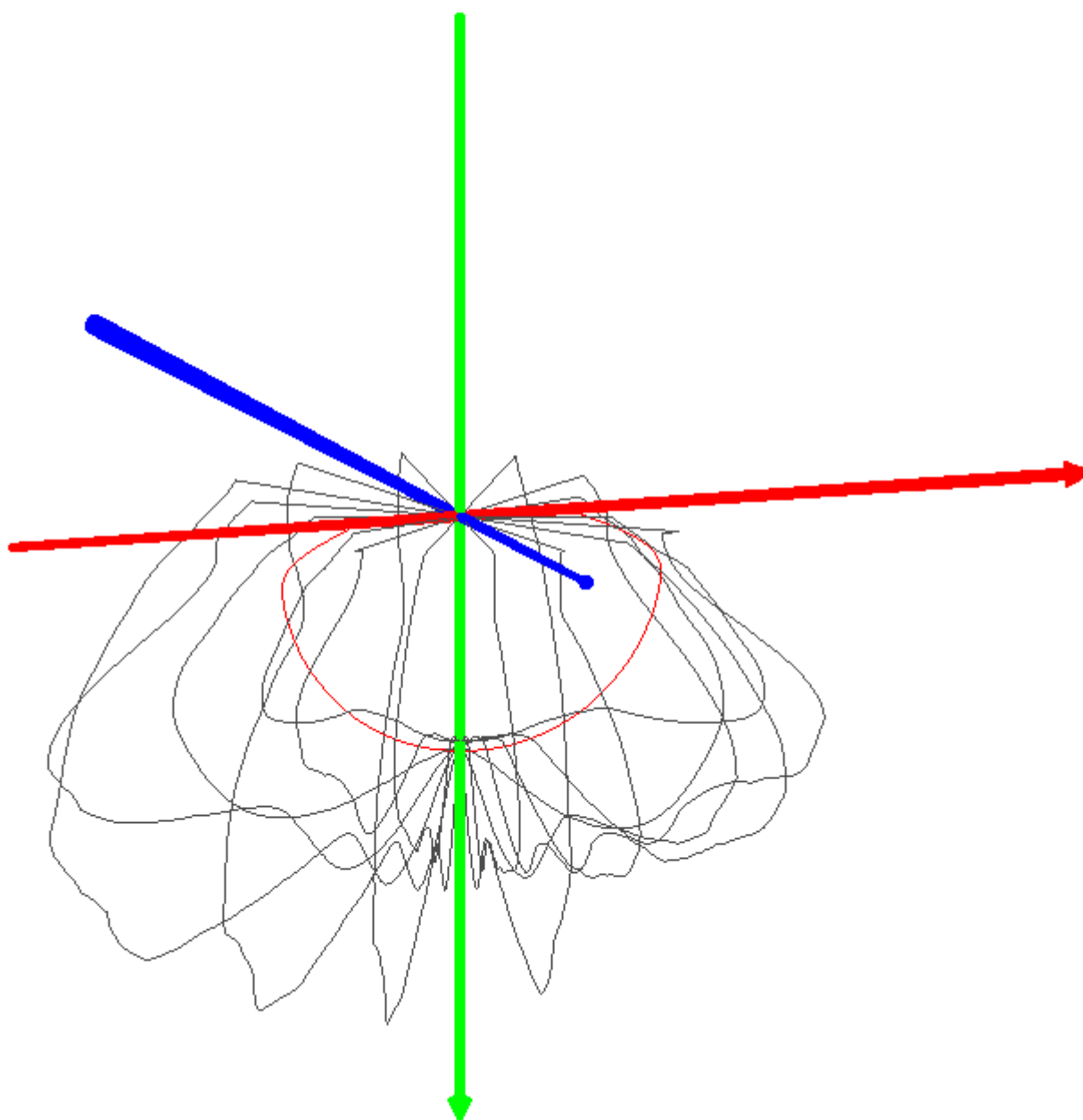
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,0226	0,801	0,000186
1	100,000	100,000	100,000
2	0,00784	0	0
3	0,0118	5,279	0,000516
4	0,00419	0	0
5	0,0133	4,254	0,000611
6	0,00179	0	0
7	0,00995	3,168	0,000352
8	0,00158	0	0
9	0,00704	2,532	0,000194
10	0,00106	0	0
11	0,00577	1,922	5,89e-05
12	0	0	0
13	0,00394	1,405	4,34e-05
14	0,00085	0	0
15	0,00383	1,419	5,38e-05
16	0	0	0
17	0,00374	1,289	4,29e-05
18	0	0	0
19	0,00339	1,054	1,69e-05
20	0	0	0

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21	0,00332	1,103	1,72e-05
22	0	0	0
23	0,00728	1,060	5,35e-06
24	0,000873	0	0
25	0,00484	0,920	1e-05
26	0	0	0
27	0,00466	0,875	1,22e-05
28	0	0	0
29	0,00555	0,866	1,42e-05
30	0,00114	0	0
31	0,00442	0,786	1,55e-05
32	0	0	0
33	0,00521	0,741	2,13e-05
34	0,000975	0	0
35	0,00536	0,692	9,88e-06
36	0,00168	0	0
37	0,0053	0,592	1,17e-05
38	0,00104	0	0
39	0,00429	0,581	1,16e-05
40	0,00177	0	0
41	0,0023	0,494	8,11e-06
42	0,00109	0	0
43	0,00316	0,441	5,7e-06
44	0,00162	0	0
45	0,00422	0,406	6,25e-06
46	0,00137	0	0
47	0,0035	0,351	5,03e-06
48	0,00106	0	0
49	0,00384	0,352	5,15e-06
50	0,0013	0	0

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