

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Shiro Wall BK*

Item No: *AZ6823*

Serial No.: *AZ6823*

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6823*

LuminaireName: *Shiro Wall BK*

LuminaireNumber: *AZ6823*

FileName: *AZ6823.ldt*

Date: *2025-08-20*

Dimensions of luminaire

Length: *650 mm*

Width: *300 mm*

Height: *55 mm*

Dimensions of luminous area

Length: *640 mm*

Width: *32 mm*

C0-plane *0 mm*

C90-plane *0 mm*

C180-plane *0 mm*

C270-plane *0 mm*

Lamps:

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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 200.000PLN

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 307,62 lm
Color temperatur: 2931 K
Color rendering index: 83,41
Wattage including ballast: 16,12 W

Utilization factors:

k = 0.60	0,131
k = 0.80	0,188
k = 1.00	0,242
k = 1.25	0,300
k = 1.50	0,349
k = 2.00	0,431
k = 2.50	0,488
k = 3.00	0,535
k = 4.00	0,604
k = 5.00	0,653

Electrical parameters

<i>U</i>	= 229,700 V
<i>I</i>	= 0,074 A
<i>P</i>	= 16,116 W
<i>Power factor</i>	= 0,954

<i>Power apparent</i>	= 16,895 VA
<i>Power Reactive</i>	= -5,075 var
<i>Frequency Voltage</i>	= 50,004 Hz
<i>THD</i>	= 7,641 %

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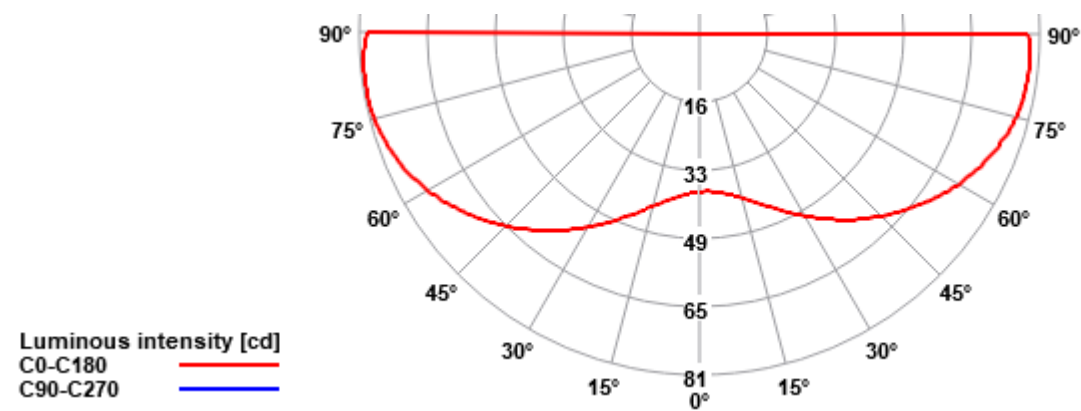
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	307,62 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	81,18 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	19,08 lm/W

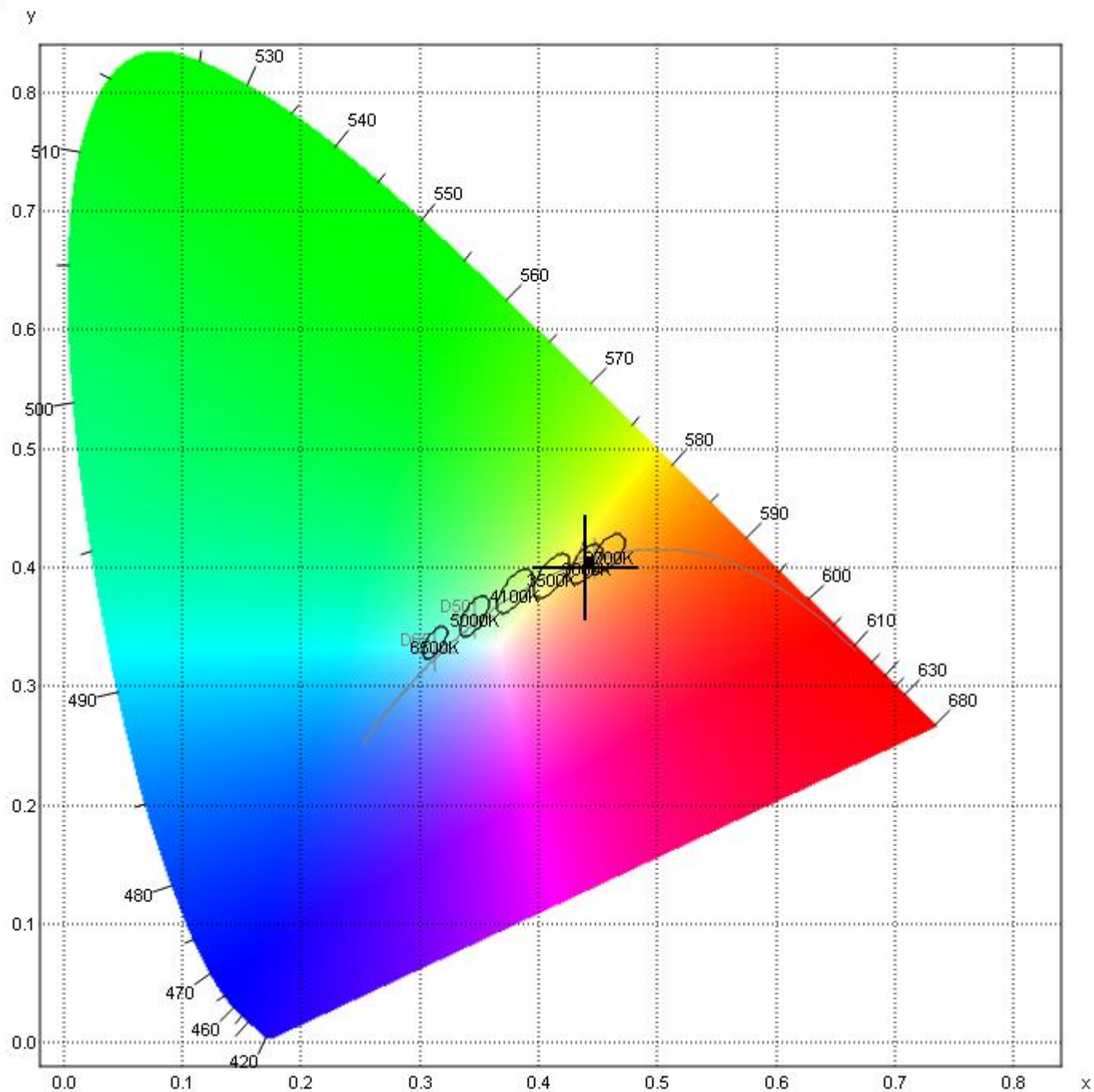
Light intensity distribution diagram



CIE 1931 diagram

x	0,4390
y	0,3999
Angular Colour Uniformity	0,0018

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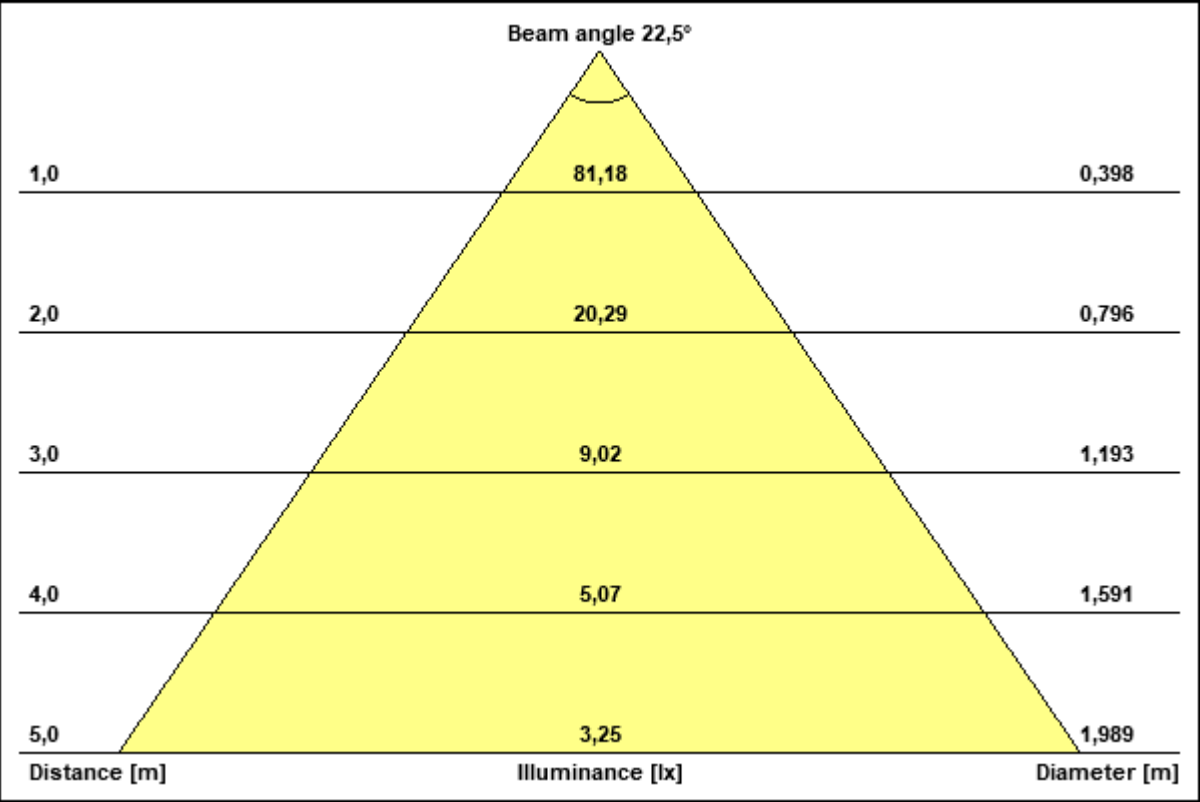
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Beam cone



Stabilization

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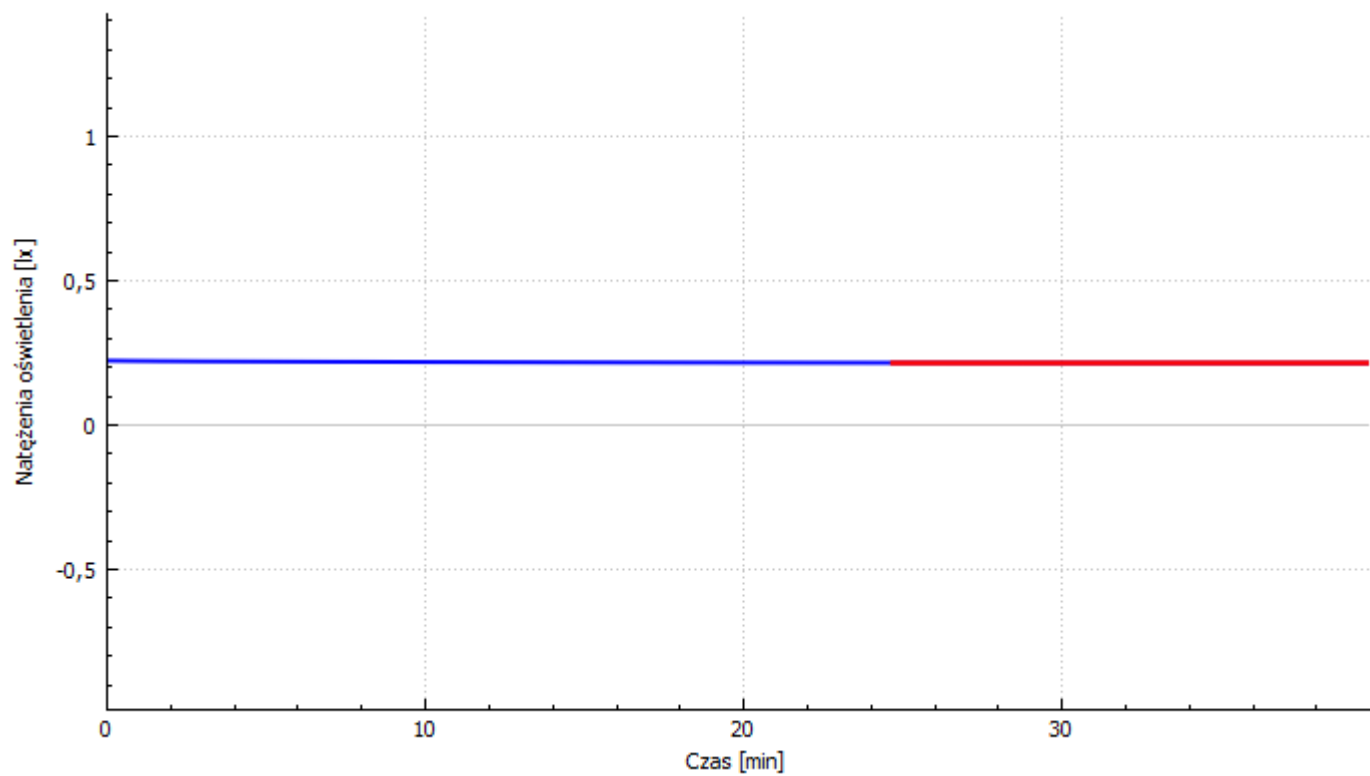
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3D Chart

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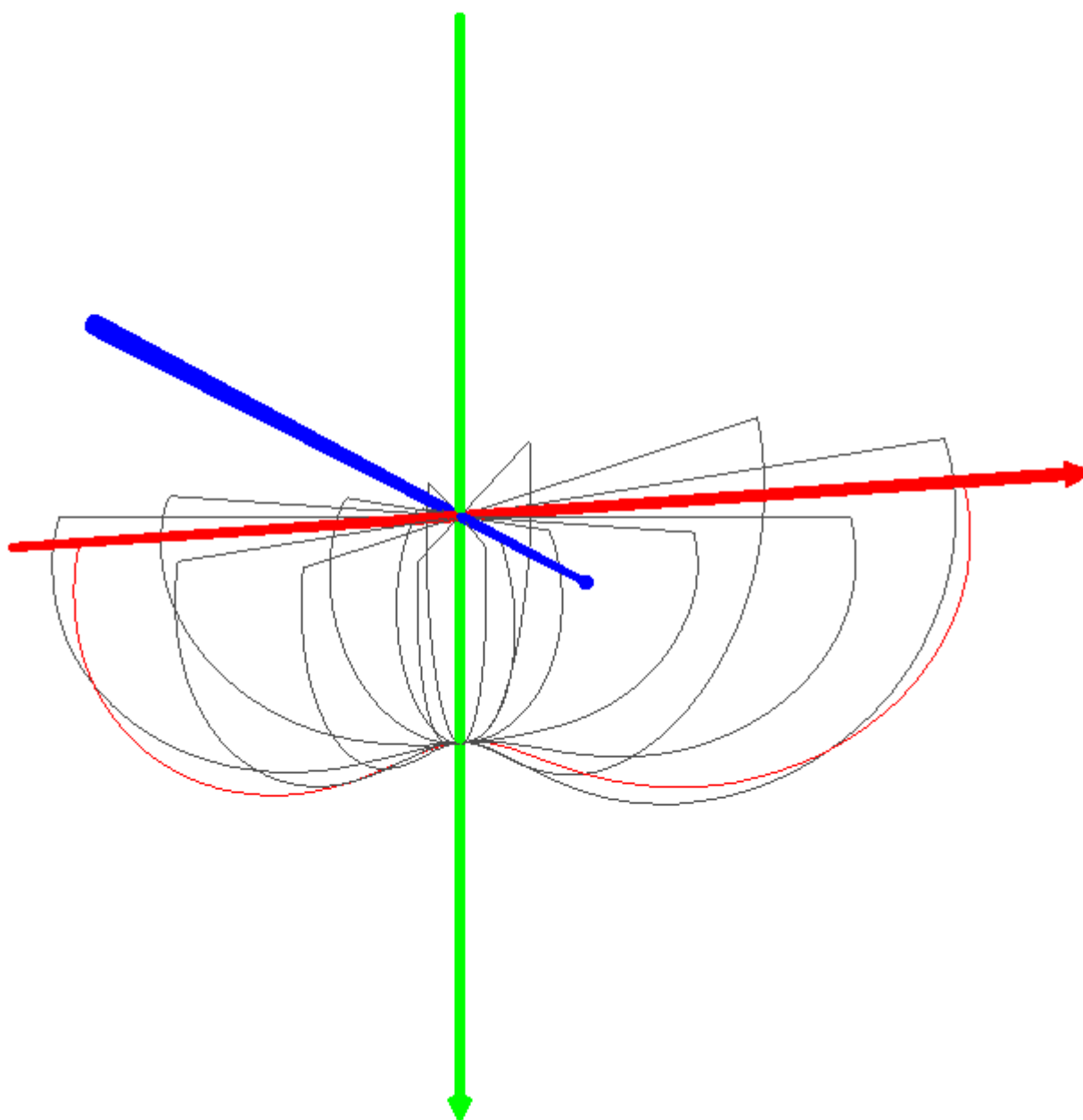
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00174	0,101	-6,62e-07
1	100,000	100,000	100,000
2	0,00546	0,0543	1,31e-06
3	0,00307	6,969	-4,43e-05
4	0,00234	0,0394	1,3e-07
5	0,00625	1,970	-0,000114
6	0,00138	0	0
7	0,00381	1,153	-4,15e-05
8	0,00104	0	0
9	0,00197	0,912	-7,42e-06
10	0,00116	0	0
11	0,00446	0,741	-1,09e-06
12	0,00148	0	0
13	0,00311	0,533	-4,01e-06
14	0,000943	0	0
15	0,000954	0,546	0
16	0	0	0
17	0,00192	0,494	9,69e-06
18	0,00106	0	0
19	0,00107	0,515	6,2e-06
20	0,00114	0	0

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21	0,00195	0,431	6,47e-06
22	0,00105	0	0
23	0,0025	0,394	-1,11e-05
24	0,00166	0	0
25	0	0,390	0
26	0,00112	0	0
27	0	0,339	0
28	0,00133	0	0
29	0	0,295	0
30	0,00123	0	0
31	0	0,257	0
32	0,000941	0	0
33	0	0,257	0
34	0,000944	0	0
35	0	0,217	0
36	0	0	0
37	0,00119	0,229	-3,02e-07
38	0,001	0	0
39	0,000871	0,246	-3,35e-07
40	0	0	0
41	0,00174	0,227	5,11e-06
42	0,00111	0	0
43	0	0,223	0
44	0,000969	0	0
45	0,00109	0,257	-2,74e-06
46	0,000899	0	0
47	0,00109	0,221	-2,28e-06
48	0,000832	0	0
49	0,00184	0,223	-4,77e-06
50	0	0	0

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